DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

CALIFORNIA

Prepared under the supervision of EUGENE F. HARTLEY, Chief Statistician for Manufactures

CONTENTS

	Page.
EXPLANATION OF TERMS	2
GENERAL STATISTICS.	
General character of the state	3
Comparative summary	4
Statistics for the state, by counties	5
Principal industries, ranked by value of products	6
Persons engaged in manufacturing industries	7
Average number of wage earners for selected industries, with per cent, by sex and age	7
Average number of wage earners, by sex and age, and value of products, for cities of 10,000 inhabitants or more	8
Wage earners, by months	8
Wage earners, by months, for selected industries and for cities	8
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	10
Size of establishments, by average number of wage earners, for selected industries and for cities	12
Size of establishments, by value of products	13
Size of establishments, by value of products, for selected industries	14
Size of establishments, by value of products, for cities of 10,000 inhabitants or more	16
Character of ownership, for selected industries and for cities	17
Manufactures, by population groups, in cities of 10,000 inhabitants or more	18
Principal industries in cities of 50,000 inhabitants or more, with per cent of total for the state	19
Number and horsepower of types of prime movers	20
Fuel consumed	20
SPECIAL STATISTICS.	
Petroleum, refining	21
Canning and preserving	22
Shipbuilding, including boat building	22
Slaughtering and meat packing	23
Flour-mill and gristmill products	24
Butter, cheese, and condensed milk	24
Lumber and timber products	24
Printing and publishing	25
Beet sugar	25
Leather, tanned, curried, and finished	26
Rice, cleaning and polishing	26
Power laundries	26
Dyeing and cleaning	27
Custom gristmills	27
GENERAL TABLES.	
Table 35.—Comparative summary for selected industries and for cities: 1919, 1914, and 1909	28
Table 36.—Detailed statement of all industries combined and specified industries: 1919	34

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EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than $500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this bulletin give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured, and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

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 at the latter period.

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"

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—leather and beet sugar—used 58.1 per cent of the coke; while three industries—petroleum, gas, and cement—consumed 49.6 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	529,769,528	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	3,086,889	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	20	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	155,903,034	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	1,776,798	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	11,912	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	175,152	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	14,616	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	761	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	3,055	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	4,508	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	1,667	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	1,535	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	$25,440,598	$2,786,176	$2,554,417
Bakersfield	1,178	894	746	1,158	882	742	20	12	2	.....	.....	2	5,6[illegible],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	3,060,268	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	5,707,527	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	14,006,203
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	162,299,705	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	194,466	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	*1,439*	1,462	1,506	1,592	1,659	1,713	1,672	1,730	1,780	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	*2,374*	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	*8,239*	8,391	9,242	75.2
Furniture	2,883	*2,216*	2,344	2,393	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	*3,309*	3,376	3,538	3,431	**3,746**	3,518	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	*11,026*	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	6,954	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	1,332	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	*3,660*	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	1,025	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	*46,439*	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	1,881	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	*766*	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	*10,308*	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	*4,125*	4,246	4,206	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	4,218	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	*39,346*	0,774	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*	49,328	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	211,446	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	742	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	80	.....	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 54.	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—																	
	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	11,942	243,692	1,586	6,484	14,210	2,266	24,772	880	28,463	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	209	2	463	2	684	1	535	.....	.....
Clothing, women's	165	3,124	4	53	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	1,620	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	1,035
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	$265,323,233	$204,522,454
Less than $5,000	2,451	3,361	2,169	1,313	2,838	2,037	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		21,765			189,644,193	87,356,978		73,247,289		
$1,000,000 and over	327	116	71	130,692	38,409	24,909	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	24,803,910	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	660,518	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	589,208	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	12,060	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	32.5	37.0	81	197	7.7	21.0	607,806	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 more."
[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	331,194	0.5	1.9	203,817	244,654	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	173,965	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	6,964,853	[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] 4,597,030	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
$5,000 to $20,000	.....	4	.....	10.5	.....	6	.....	0.3	.....	44,242	.....	0.1	.....	13,002	.....	0.1
$20,000 to $100,000	[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
$100,000 to $500,000	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
$500,000 to $1,000,000	7	.....	15.6	.....	127	.....	2.5	.....	5,107,359	.....	2.4	.....	1,214,087	.....	1.7	.....
$1,000,000 and over	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
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	361,878	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	6,087,755	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] 4,003,623	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	14.5	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	$25,440,508	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	228,828	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	382,844	1.4	221,123	2.5
$20,000 to $100,000	31	246	10.6	1,305,877	4.6	664,347	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	2,874	76.2	10,092,954	70.2	6,342,834	76.3
LOS ANGELES	2,549	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	139,508	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	2,135,662	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	268	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	909	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	50	989	28	4.7	92.7	2.6	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	16,633,014	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	13,639,027	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	.....	[6] 5,132	.....	.....	100.0	.....	213,292,194	.....	[6] 213,292,194	.....	.....	100.0	.....
	1914	2	32	4	1,930	.....	1,907	[6] 23	.....	98.8	1.2	55,527,651	.....	54,917,623	[6] 610,028	.....	98.9	1.1
Printing and publishing, book and job.	1919	379	127	155	3,818	866	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	5,023,914	1,681,426	23.1	50.9	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	20,667,220	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	7,706	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	501	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	58	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	2,757,895	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	30,522,666	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	161,031,636	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; Lumber, planing-mill products, not including planing mills connected with sawmills; Oil, vegetable and composite; Paints; Pumps, steam; Soap	(2)	(2)	(2)	(2)
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; Shipbuilding, steel, new vessels; Woolen goods	(2)	(2)	(2)	(2)
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	3,669,824	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; Shipbuilding, steel	(2)	(2)	(2)	(2)
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; Flour-mill and gristmill products; Gas, illuminating and heating; Iron and steel, steel works and rolling mills; Tinware, not elsewhere specified	(2)	(2)	(2)	(2)
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; Iron and steel, steel works and rolling mills; Liquors, malt; Rice, cleaning and polishing	(2)	(2)	(2)	(2)
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	539,703	2.3	162,353	43.0
Flour-mill and gristmill products; Gas, illuminating and heating; Rubber tires, tubes, and rubber goods, not elsewhere specified; Shipbuilding, concrete; Slaughtering and meat packing; Soap	(2)	(2)	(2)	(2)
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	8,488,961	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; Sugar, refining, not including beet sugar	(2)	(2)	(2)	(2)

[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	263,911	14,424,017	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	171.0	10.5	(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	304,568
Ice, manufactured	.....	1	.....	322,530	479	71,600
Iron and steel, steel works and rolling mills	.....	.....	3,151	454,206	68,088	369,483
Leather, tanned, curried, and finished	.....	864	69,268	5	.....	.....
Lime	.....	68,374	.....	.....	.....	.....
Petroleum, refining	.....	.....	.....	3,113,980	305	3,378,968
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	.....	.....	84,005	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	49,037	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	$10,105,341
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	$2,675,248	$1,718,678	9,333,600
Cylinder oils—			$1,137,661
Gallons	3,186,439	551,700	
Value	$859,480	$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	636
Capacity	345,927,000	153,258,000	55,414,000
Fuel oil—			
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	$3,035,381	$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	129,702	(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	$821,903	$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	8,604,082	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	$2,251,377	(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	$875,883	$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	$236,990	.....
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	$100,578	$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	1,218,839	1,981,205
	1914	10,057	139,481	491,025	105,513	447,475	712,801
	1909	7,659	115,296	329,100	84,142	325,238	529,761
Agricultural implements	1919	34	1,578	4,668	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	226	643
Automobiles, including bodies and parts.	1919	265	3,608	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	86	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	817	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	48,057
	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	2,063	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	4,058
	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	7,605	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	4,072
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	284	2,423	317	2,532	3,610
	1914	16	196	1,586	158	1,360	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	1,716
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.	Cost of materials.	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	1,911	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	1,500	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	218	185	809
	1914	28	201	236	230	79	575
	1909	20	100	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	305	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	21	446	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	22,858	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.

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.		
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	463	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	865	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	233	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	10,432
	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	499	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	133
	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.	Cost of materials.	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	18,959	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	179
Lumber and timber products[6]	1919	21	1,445	5,337	1,863	6,640	9,799
	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	9,059	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	1,425
	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	510	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	2,069	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	1,796	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	993	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	308	1,688	2,860
	1914	16	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	13,094
	1914	90	1,187	869	1,000	3,284	5,862
	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	664
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	48	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. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
SAN FRANCISCO—Con.							
Jewelry	1919	34	368	492	582	530	1,440
	1914	30	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	8,994	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	60	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. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
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	860	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	296,858	12,452	11,149	19,766	9,799	243,692	Au 282,312	Fe 220,138	(2)	(2)	(2)	(2)	(2)	*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 5,183	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	352	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	.....	.....	39,950
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 333	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	301	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	6,636	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	.....	417,598
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.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
36,267,012	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	77,655	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	1,277,817	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,(52	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	3,090	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	148,617	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

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

TABLE 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	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	208	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	.....	.....	1,007,688
18	Electrical machinery, apparatus, and supplies.	73	2,714	87	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	.....	13,207,811
22	Engraving and disinking	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	505	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	1,152,303
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	167	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	.....	1,150,501
64	*Soap stock*	5	104	9	8	2	2	83	Au 94	Ap 76	78	78	.....	.....	.....	504,123
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 lectric 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	385,136	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	.....	.....	.....	2,637	.....	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	697,386	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	7,226	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	20,296	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	47,020	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	8,770,611	196,357	205,840	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	120,387	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
24,295	26,121	270,411	600	19,270	3,916	309,332	1,748	826,000	514,920	59	.....	.....	.....	.....	59	.....	50
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	.....	.....	.....	2,651	.....	51
9,082	2,100	19,240	.....	1,515	431	39,460	7,770	93,978	46,748	22	.....	.....	.....	.....	22	.....	52
76,224	118,976	303,445	1,060	30,236	11,027	891,046	10,121	1,672,315	771,148	289	.....	.....	.....	.....	289	.....	53
76,324	114,896	280,843	360	27,874	10,539	850,586	9,390	1,582,452	722,476	261	.....	.....	.....	.....	261	.....	54
2,900	4,080	22,602	700	2,362	488	40,460	731	89,863	48,672	28	.....	.....	.....	.....	28	.....	55
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	.....	15,580	152	56
1,825	1,400	8,691	2,115	1,345	130	11,245	151	34,949	23,553	31	.....	.....	.....	.....	31	.....	57
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
1,858	1,407	9,273	.....	.....	300	9,689	1,921	28,200	16,590	158	.....	.....	.....	.....	158	.....	62
36,211	11,019	202,472	2,354	7,821	20,678	1,542,056	149,794	2,427,162	735,312	894	142	55	63	.....	634	.....	63
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

[3] Same number reported for one or more other months.
[4] 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 [3]	37	Ja [3]	29	37	24	13	.....	.....	99,700
4	All other	6	37	6	3	2	3	23	De	27	Je [3]	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 [3]	20	Ja [3]	18	18	18	.....	.....	.....	52,223
8	All other	5	103	2	16	2	5	78	De	87	Ap [3]	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 [3]	784	Ja	520	649	649	.....	.....	.....	2,706,457
14	Ivory, shell, and bone work, not including combs and hairpins.	3	52	5	1	7	2	37	Au [3]	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 [3]	41	121	95	25	1	.....	322,933
19	All other lamps and reflectors	4	20	5	.....	.....	3	12	De	20	Ja [3]	8	22	21	1	.....	.....	19,582
20	Lapidary work	13	59	14	1	2	1	41	No	58	Ja [3]	30	52	34	17	1	.....	31,795
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	196	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	131	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	400	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 [3]	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 [3]	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 [3]	14	Ja [3]	12	13	8	5	.....	.....	107,130
48	Musical instruments and materials, not elsewhere 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 [3]	185	Je	166	192	80	112	.....	.....	1,095,443
57	Patent and proprietary compounds.	41	227	28	38	34	26	101	Ja	141	Se [3]	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 [3]	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 [3]	21	Ja [3]	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 [3]	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.

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.								
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	.....	.....	.....	.....	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	45,166	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	.....	.....	3,886	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	1,543,968	.....	404,812	1,885,889	2,891,635	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	37,295	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	34,462	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	12,073	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	2,808,742	508,838	5,805,199	2,397,619	16,275	2,610	900	.....	5,721	7,044	1,096	54
159,676	142,389	246,108	2,409	41,222	109,784	985,566	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

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	Pickles, preserves, and sauces	84	2,133	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	.....	3,897,082
3	Pickles and sauces	52	1,071	55	60	72	30	854	Oc 1,460	Ap 385	1,532	559	966	3	4	3,733,783
4	Plumbers' supplies, not elsewhere specified.	7	187	4	9	1	3	170	Je [3] 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	.....	746,469
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	.....	.....	591,297
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 3,881	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 [3] 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	.....	.....	6,806
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	446	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	.....	11,349,480
17	Publishing without printing	209	767	142	176	152	239	58	Je 61	Ja [3] 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 [3] 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	540	20	37	25	12	446	No 509	Fe 393	482	434	43	2	3	4,068,367
26	Sausage not made in slaughtering and meat-packing establishments.	39	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 [3] 19	26	23	3	.....	.....	38,247
30	Shipbuilding, steel	18	48,698	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 [3] 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 [3] 16	Ja [3] 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 [3] 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	.....	.....	27,385,995
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 [3] 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 [3] 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. Salaries and wages. Officials.	Salaries and wages. Clerks, etc.	Salaries and wages. Wage earners.	For contract work.	Rent and taxes. Rent of factory.	Rent and taxes. Taxes, Federal, state, county, and local.	For materials. Principal materials.	For materials. Fuel and rent of power.	Value of products.	Value added by manufacture.	Power. Primary horsepower. Total.	Owned. Steam engines (not turbines).	Owned. Steam turbines.	Owned. Internal-combustion engines.	Owned. Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
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	.....	1
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	.....	2
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	.....	3
26,900	5,104	248,525	.....	756	5,106	352,977	45,373	696,386	298,036	430	.....	.....	.....	.....	430	.....	4
.....	.....	4,296	.....	924	26	3,928	131	10,709	6,650	1	.....	.....	.....	.....	1	.....	5
49,159	27,723	338,996	.....	1,050	5,939	180,613	77,663	849,243	590,907	547	40	.....	.....	.....	507	.....	6
7,550	4,550	92,186	.....	.....	2,455	25,787	27,443	213,114	159,884	118	40	.....	.....	.....	78	.....	7
41,609	23,173	246,810	.....	1,050	3,484	154,826	50,220	636,129	431,083	429	.....	.....	.....	.....	429	.....	8
850,510	829,882	4,387,233	586,228	426,277	228,834	7,663,580	114,750	19,871,377	12,003,047	4,368	75	.....	19	.....	4 274	1	9
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	10
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	.....	11
10,676	10,266	166,618	388	8,185	2,500	54,232	6,783	393,927	332,912	40	.....	.....	.....	.....	40	.....	12
.....	180	7,200	19,234	1,790	158	11,036	180	60,246	49,030	7	.....	.....	.....	.....	7	.....	13
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	14
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	15
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	.....	16
287,843	308,415	64,457	977,337	56,060	6,838	271,545	1,868	2,845,955	2,572,542	22	.....	.....	.....	.....	22	.....	17
30,566	15,958	98,383	3,355	5,752	2,196	216,307	2,880	436,783	217,596	343	.....	.....	.....	.....	343	.....	18
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	.....	19
18,573	12,821	112,870	2,147	2,552	3,713	294,432	1,615	501,213	205,166	113	.....	.....	.....	.....	113	.....	20
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	.....	21
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	22
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	.....	23
19,958	25,433	164,455	1,055	18,177	13,333	729,938	4,633	1,181,680	447,109	178	.....	.....	.....	.....	178	.....	24
94,605	38,395	537,358	4,771	38,905	53,715	959,415	125,045	2,285,927	1,201,467	2,976	755	240	783	5	1,193	410	25
3,550	35,451	229,654	7,917	25,324	2,657	1,325,661	21,395	1,896,276	549,220	485	100	.....	.....	.....	385	.....	26
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	.....	27
1,000	8,340	55,153	.....	6,290	617	263,493	4,236	385,700	117,971	160	80	.....	.....	.....	80	.....	28
.....	1,040	19,850	.....	620	75	27,708	1,685	66,527	37,134	55	.....	.....	.....	.....	55	.....	29
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	.....	30
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	.....	31
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	.....	32
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	.....	33
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	.....	34
28,080	17,727	666,420	.....	3,584	6,784	277,675	6,533	1,513,035	1,228,827	718	80	.....	43	.....	595	.....	35
4,720	2,209	82,322	624	8,190	2,094	75,919	2,455	219,872	141,498	254	.....	.....	123	.....	131	.....	36
65,756	60,160	386,841	17,036	15,166	20,914	1,320,576	5,585	2,172,356	846,195	135	.....	.....	.....	.....	135	.....	37
14,773	8,080	110,701	.....	11,770	2,896	233,774	2,721	433,706	197,211	166	.....	.....	.....	.....	166	.....	38
87,503	78,633	312,007	4,974	19,550	2,181	350,783	10,963	1,075,594	713,848	85	.....	.....	.....	.....	85	.....	39
27,346	12,476	110,034	2,732	7,233	904	106,981	1,063	370,220	262,176	16	.....	.....	.....	.....	16	.....	40
60,157	66,157	201,973	2,242	12,317	1,277	243,802	9,900	705,374	451,672	69	.....	.....	.....	.....	69	.....	41
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	42
159,295	52,771	428,241	.....	.....	74,164	1,344,798	392,353	2,531,602	794,451	5,843	375	.....	.....	.....	5,468	.....	43
236 552	280,660	610,405	489	8,693	147,819	8,156,285	161,812	11,295,294	2,983,197	1,520	598	.....	.....	.....	922	78	44
2,400	649	11,498	.....	1,690	223	19,849	532	51,923	31,542	11	.....	.....	.....	.....	11	.....	45
75,338	26,611	230,006	.....	21,550	15,755	381,407	23,061	921,576	517,108	262	.....	.....	.....	.....	262	.....	46
64,386	21,447	315,106	2,000	10,611	20,211	686,765	54,117	1,379,323	638,441	666	.....	.....	.....	.....	666	.....	47
6,083	1,758	79,049	532	5,895	1,122	45,521	724	196,701	150,456	3	.....	.....	.....	.....	3	.....	48
22,110	15,111	56,860	.....	4,260	8,232	157,610	2,640	296,978	136,728	93	.....	.....	.....	.....	93	.....	49
73,074	27,455	197,666	2,476	2,979	24,742	386,969	74,295	915,662	454,398	1,385	690	.....	.....	.....	695	.....	50
29,573	5,090	105,027	.....	3,613	1,052	43,730	7,129	274,922	224,063	167	.....	.....	.....	.....	167	.....	51
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	.....	52
75,020	80,798	445,899	.....	27,348	28,650	659,105	37,993	1,813,718	1,116,620	462	.....	.....	6	.....	456	.....	53
.....	13,076	37,415	3,250	3,944	945	87,975	62	168,702	80,665	11	.....	.....	.....	.....	11	.....	54
34,076	22,089	196,304	10,364	14,137	4,648	400,491	3,732	842,220	437,997	127	.....	.....	.....	.....	127	.....	55
248,900	121,733	951,371	22,937	46,001	91,865	2,572,316	53,241	4,833,556	2,207,999	3,028	50	.....	.....	.....	2,978	.....	56
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	57
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	58
4,500	9,125	45,812	2,781	13,687	968	89,641	1,104	217,645	126,900	36	.....	.....	12	.....	24	.....	59
14,283	6,696	44,919	1,320	1,315	679	65,066	359	175,902	110,477	27	.....	.....	.....	.....	27	.....	60
241,323	416,752	2,915,813	.....	19,940	817,317	20,819,278	93,611	26,806,768	5,893,879	2,339	.....	.....	.....	.....	2,339	.....	61
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	.....	62
13,747	6,779	148,299	1,694	9,343	1,563	126,630	6,515	417,717	284,572	241	.....	.....	.....	.....	241	.....	63
5,700	2,598	40,327	99	4,164	321	27,596	2,163	112,937	83,178	66	.....	.....	.....	.....	66	.....	64
8,047	4,181	107,972	1,595	5,179	1,242	99,034	4,352	304,780	201,394	175	.....	.....	.....	.....	175	.....	65
.....	3,300	84,841	2,193	5,425	1,075	83,128	1,941	216,399	131,330	61	.....	.....	.....	.....	61	.....	66
34,586	34,771	360,635	412	32,402	6,348	835,158	4,011	1,552,508	713,339	195	80	.....	.....	.....	115	.....	67
11,139	12,009	30,389	.....	1,545	2,691	289,720	1,992	412,138	120,426	17	.....	.....	.....	.....	17	.....	68
25,877	5,125	94,541	.....	1,800	14,016	279,975	12,021	662,115	370,119	279	.....	.....	11	.....	268	.....	69
96,299	32,017	249,324	.....	9,724	6,109	569,254	25,182	1,256,966	662,530	690	.....	.....	105	.....	585	.....	70
7,975	13,246	65,068	.....	2,742	1,269	107,012	3,121	247,217	137,084	440	.....	.....	15	.....	425	.....	71
44,936	23,457	111,285	813	14,946	16,173	614,329	2,517	1,067,741	450,895	150	.....	.....	.....	.....	150	.....	72

[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	Wirework, including wire rope and cable, not elsewhere specified.	26	452	34	25	57	16	320	.....	.....	336	325	8	3	.....	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	128	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	2,956	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.								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 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	.....
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	.....
28,700	22,967	135,275	510	11,918	25,000	282,884	7,633	600,645	310,128	226	.....	.....	.....	.....	226	.....
3,600	1,263	59,623	1,412	4,870	623	60,838	3,498	201,704	137,368	160	.....	.....	.....	.....	160	.....
2,332	830	58,266	.....	3,125	733	94,903	1,868	181,850	85,079	180	.....	.....	6	.....	174	.....
12,985	3,575	86,659	4,603	9,270	1,460	94,171	17,428	268,359	156,760	391	275	.....	.....	.....	116	.....
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

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..... 1
Umbrellas and canes..... 2
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	8,830,519	7,506	560	.....	.....	.....	6,946	.....
.....	.....	4,620	.....	125	68	3,601	432	13,256	9,223	13	.....	.....	.....	.....	13	.....
11,200	12,696	203,420	2,690	16,893	3,758	811,644	18,353	1,212,840	382,843	141	.....	.....	.....	.....	141	.....
15,488	29,274	102,000	.....	.....	40,975	664,910	59,791	1,168,263	443,562	488	115	.....	.....	.....	373	.....
56,008	37,792	236,671	.....	5,893	64,924	558,725	14,959	1,029,280	455,596	416	.....	.....	.....	.....	416	.....
3,600	1,200	3,249	.....	600	600	18,140	71	33,096	14,885	1	.....	.....	.....	.....	1	.....
.....	809	10,257	.....	596	183	66,355	1,400	98,658	30,903	14	.....	.....	.....	.....	14	.....
9,775	3,475	80,087	13,050	2,948	1,453	82,791	2,348	257,036	171,897	54	.....	.....	.....	.....	54	.....
26,100	20,572	51,591	41,377	3,278	2,454	35,800	1,568	214,987	177,619	29	.....	.....	.....	.....	29	.....
18,850	20,572	51,591	877	3,278	2,454	35,800	1,568	162,347	124,979	29	.....	.....	.....	.....	29	.....
7,250	.....	.....	40,500	.....	.....	.....	.....	52,640	52,640	.....	.....	.....	.....	.....	.....	.....
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	.....

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 elsewhere 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	.....
3,680	1,040	96,551	.....	7,904	3,681	107,340	1,655	259,009	150,014	55	.....	.....	.....	.....	55	.....
10,785	8,369	172,477	.....	24,022	1,652	169,179	6,383	479,069	303,507	161	.....	.....	.....	.....	161	.....
2,400	624	90,435	.....	9,768	777	354,904	6,429	555,065	193,732	44	.....	.....	.....	.....	44	.....
96,983	19,719	147,255	.....	4,520	17,297	850,856	30,285	1,183,597	302,456	946	260	.....	.....	.....	686	.....
.....	495	15,679	.....	425	9	39,283	240	60,370	20,847	9	.....	.....	.....	.....	9	.....
4,950	2,500	31,299	.....	1,735	6,173	81,222	7,461	143,686	55,003	60	45	.....	.....	.....	15	.....
.....	.....	28,186	.....	2,964	74	43,721	218	95,318	51,379	3	.....	.....	.....	.....	3	.....
4,990	2,728	40,773	.....	750	840	37,220	6,737	94,420	50,463	99	.....	.....	.....	.....	99	.....
7,925	9,430	96,548	.....	2,550	3,701	282,193	9,312	487,521	196,016	572	.....	.....	.....	.....	572	.....
1,975	4,272	21,316	2,930	6,215	374	43,748	717	130,945	86,480	36	.....	.....	.....	.....	36	.....
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	.....

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

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

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	**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	.....	.....	1,842,892
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	.....	.. ..	.. ..	609,206
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	.....	.....	.....	7,730
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	18	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	.....	.....	58,666
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	.....	.....	9,603
	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.	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	2,617,569	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	98,057	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	438	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	1,801,133	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	1,088,692	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
102,497	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
.....	.....	5,381	.....	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
.....	6,190	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

[1] Same number reported throughout the year.
[2] 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 1,362	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 [3] 122	Ja [3] 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 [3] 106	Je 90	106	105	.....	1	.....	106,889
11	Metal	4	33	4	3	1	1	24	Fe [3] 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 [3] 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 [3] 55	Ja 28	55	53	2	.....	.....	80,653
19	All other	4	22	6	1	.....	1	14	Jy 19	Se [3] 11	20	13	7	.....	.....	28,973
20	House-furnishing goods, feather pillows and beds.	4	17	3	3	1	.....	10	Jy [3] 11	Ap [3] 9	10	8	2	.....	.....	55,146
21	Ice, manufactured	12	567	.....	28	38	24	477	Jy 565	Fe 385	472	470	2	.....	.....	5,018,390
22	Iron and steel, tempering and welding.	18	77	27	.....	2	3	45	Oc 52	Fe [3] 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 [3] 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 [3] 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 [3] 25	Au [3] 18	22	22	.....	.....	.....	93,500
34	Other marble and stone work, except slate.	7	91	5	4	5	4	73	Oc 115	Ja [3] 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 [3] 10	Ap [3] 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 [3] 50	57	53	3	1	.....	374,652
40	Mirrors, framed and unframed, not elsewhere specified.	3	20	3	2	.....	2	13	Mh [3] 14	My 10	13	13	.....	.....	.....	17,360
41	Models and patterns, not including paper patterns.	18	99	22	6	2	.....	69	De 76	Ja [3] 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 [3] 71	76	70	6	.....	.....	171,974
44	Paints	15	199	9	19	29	17	125	Jy [3] 149	Ja 73	146	134	12	.....	.....	823,900
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 [3] 6	10	3	7	.....	.....	36,420
47	Patent and proprietary compounds, not elsewhere specified.	17	72	12	11	20	5	24	Jy [3] 27	Ja 19	29	21	8	.....	.....	139,352
48	Perfumery and cosmetics	16	64	16	4	4	9	31	Fe [3] 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	86	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 [3] 34	Ja [3] 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 [3] 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 [3] 11	Ja [3] 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 [3] 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 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.								
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	171,180	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	[3]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	5,896,548	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	4,868	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	137	28
10,220	3,560	57,282	3,250	9,773	808	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	89,240	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	3,815,608	143,442	5,613,897	1,654,757	246	56	.....	.....	.....	190	1,403	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	.....	3,762	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	3,504,322	2,070	.....	.....	.....	.....	2,070	.....	62
176,037	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.	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—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 [3] 23	Ja [3] 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	88	De 122	Ja [3] 71	121	121	.....	.....	.....	318,787
12	Surgical appliances	6	16	8	.....	1	1	6	Ja [3] 7	Fe [3] 5	9	5	4	.....	.....	27,248
13	Theatrical scenery	3	38	1	6	.....	6	25	Ap [3] 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 [3] 27	Fe [3] 13	27	26	.....	1	.....	50,243
17	All other	6	59	9	5	1	1	43	My 53	Ja [3] 31	51	51	.....	.....	.....	111,103
18	Toys and games	7	48	12	.....	1	1	34	Au [3] 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 [3] 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	Je 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	Je 19	68	60	8	.....	.....	72,728
26	All other industries*	202	15,208	170	413	838	323	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	533	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 [3] 73	Ja 56	73	69	4	.....	.....	123,515
4	Automobile repairing	69	470	92	16	10	14	338	No 387	Ja [3] 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 110	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	.....	.....	218,625
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 [3] 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	.....	1,408,409
23	Fur goods	5	16	5	.....	.....	2	9	Se [3] 12	Mh [3] 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 [3] 8	My [3] 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.

CITIES OF 50,000 INHABITANTS OR MORE—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. 32,110	Dollars. 25,631	Dollars. 70,341	Dollars. 2,121	Dollars. 10,230	Dollars. 3,201	Dollars. 293,218	Dollars. 9,624	Dollars. 509,926	Dollars. 207,084	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	83,346	.....	3,850	1,261	140,085	1,708	269,979	128,186	94	.....	.....	.....	.....	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	320,261	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	1,315	679	65,066	359	175,902	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	243,866	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	406,897	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	23,629	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 stone ware.... 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..... 1
Shipbuilding, steel..... 3
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	10,680	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	51,080	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	.....	3,522	597,717	6,959,666	48,393	11,285,387	4,277,328	1,000	.....	.....	.....	.....	1,000	.....	9
14,699	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	62,894	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	.....	964	.....	20
47,744	17,409	356,070	.....	240	43,447	632,726	23,367	1,190,232	534,139	288	15	.....	50	.....	223	.....	21
71,674	76,269	413,887	1,526	21,164	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
8,450	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

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

	INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.		Wage earners. Number, 15th day of— Minimum month.		WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	OAKLAND—Con.																	*Dollars.*
1	Jewelry	3	22	4	1	.....	2	15	No [3]	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 [3]	29	Fe	24	24	24	.....	.....	.....	85,421
10	Models and patterns, not including paper patterns.	5	25	4	1	.....	1	19	Fe [3]	22	No	12	23	22	.....	1	.....	14,950
11	Patent medicines and compounds	5	30	3	4	5	10	17	Fe	21	Ap [3]	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 [3]	10	Au [3]	6	6	6	.....	.....	.....	9,975
14	Printing and publishing, book and job.	59	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	.....	582,084
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 [3]	8	11	9	2	.....	.....	52,327
23	Window shades and fixtures	6	25	4	5	.....	1	15	Au [3]	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	2
Engraving and diesinking	1
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	3
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 [3]	18	Ja	13	18	18	.....	.....	.....	25,791
3	Automobile repairing	61	329	82	10	8	18	211	Oc [3]	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	129	5	4	13	5	102	Je	174	Au	45	161	49	112	.....	.....	231,585
	Ice cream	5	53	4	5	2	6	36	Jy	51	Ja	19	26	24	2	.....	.....	415,462
9	Copper, tin, and sheet-iron work	10	76	12	2	3	4	55	No	73	Fe	42	67	67	.....	.....	.....	272,799
10	Flavoring extracts	3	22	2	3	1	1	15	(4)	15	(4)	15	14	10	4	.....	.....	65,690
11	Food preparations, not elsewhere specified.	8	35	14	.....	.....	.....	21	De	40	My	6	44	7	36	.....	1	31,313
12	Foundry and machine-shop products.	19	89	25	.....	4	2	58	.....		.....		76	76	.....	.....	.....	275,880
13	Machine shops	16	62	20	.....	2	2	38	De	42	Ja	33	43	43	.....	.....	.....	186,550
14	All other	3	27	5	.....	2	.....	20	De	34	Ap	13	33	33	.....	.....	.....	89,330
15	Furniture	4	9	3	.....	.....	.....	6	Oc [3]	8	Mh	4	9	8	1	.....	.....	23,346
16	Jewelry	4	7	5	.....	.....	.....	2	(4)	2	(4)	2	2	2	.....	.....	.....	4,557
17	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
18	Marble and stone work	4	13	4	.....	.....	.....	9	De	10	Ja	8	9	9	.....	.....	.....	39,462
19	Mineral and soda waters	4	35	2	3	.....	2	28	Oc	46	Ap [3]	20	25	24	1	.....	.....	348,820
20	Patent medicines and compounds	4	36	23	1	1	2	9	Fe	11	Mh	8	10	3	7	.....	.....	35,124
21	Photo-engraving	3	17	2	2	1	.....	12	My [3]	13	Ja [3]	11	12	12	.....	.....	.....	23,990
22	Pickles and sauces	4	6	4	.....	.....	.....	2	(4)	2	(4)	2	2	.....	2	.....	.....	10,448
23	Printing and publishing, book and job.	10	69	14	4	3	6	42	Je	52	Mh	37	43	39	4	.....	.....	125,767
24																		

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
1,000	1,500	24,648	.....	1,320	128	4,341	247	61,410	56,822	5	.....	.....	.....	.....	5	.....	1
3,000	2,916	37,784	.....	2,280	400	42,793	480	90,694	47,421	12	.....	.....	.....	.....	12	.....	2
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	3
2,626	540	14,534	220	1,512	437	30,013	1,243	79,478	48,222	90	.....	.....	.....	.....	90	.....	4
7,800	2,985	40,465	.....	2,410	735	118,091	948	211,300	92,261	86	.....	.....	.....	.....	86	.....	5
.....	.....	17,781	1,600	4,792	234	6,812	381	44,799	37,606	5	.....	.....	.....	.....	5	.....	6
.....	.....	4,520	1,600	1,560	79	3,080	72	16,737	13,585	1	.....	.....	.....	.....	1	.....	7
.....	.....	13,261	.....	3,232	155	3,732	309	28,062	24,021	4	.....	.....	.....	.....	4	.....	8
3,100	9,010	31,429	900	4,080	1,079	121,401	4,152	240,390	114,837	41	.....	.....	.....	.....	41	.....	9
960	720	30,161	540	2,238	83	9,692	663	56,704	46,340	33	.....	.....	.....	.....	33	.....	10
10,298	19,405	15,318	.....	3,120	5,295	89,832	935	199,694	108,927	8	8	.....	.....	.....	.....	.....	11
.....	3,000	72,205	.....	633	6,741	14,010	4,387	107,382	88,985	488	.....	.....	.....	.....	488	.....	12
2,100	737	13,663	.....	1,438	67	6,409	1,048	40,283	32,826	13	.....	.....	.....	.....	13	.....	13
37,718	26,383	149,609	11,168	19,169	28,029	355,254	5,826	923,691	562,611	223	.....	.....	.....	.....	223	.....	14
37,718	26,383	145,492	10,380	18,329	27,888	354,904	5,370	905,028	544,754	220	.....	.....	.....	.....	220	.....	15
.....	.....	4,117	788	840	141	350	456	18,663	17,857	3	.....	.....	.....	.....	3	.....	16
84,604	326,770	294,379	23,982	25,416	38,457	339,031	13,303	2,161,111	1,808,777	379	.....	.....	.....	.....	379	.....	17
81,644	318,577	290,963	1,484	24,022	38,376	335,974	13,221	2,106,273	1,757,078	378	.....	.....	.....	.....	378	.....	18
2,960	8,193	3,416	22,498	1,394	81	3,057	82	54,838	51,699	1	.....	.....	.....	.....	1	.....	19
710,339	514,066	16,373,877	76,350	148,553	2,201,661	11,116,077	324,107	45,271,236	33,830,152	16,962	935	.....	65	.....	15,962	.....	20
13,680	2,400	61,545	.....	4,378	2,465	246,050	3,590	365,870	115,330	126	.....	.....	.....	.....	126	.....	21
.....	.....	9,185	.....	2,280	4,954	25,576	18	60,135	34,541	.....	.....	.....	.....	.....	.....	.....	22
7,805	900	16,912	.....	2,592	2,169	84,966	298	160,546	75,282	9	.....	.....	.....	.....	9	.....	23
645,470	881,183	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	24

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

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
.....	1,040	25,059	203	2,328	430	32,535	1,049	87,221	53,637	13	.....	.....	.....	.....	13	.....	2
20,625	27,990	312,035	5,517	46,513	3,441	185,921	10,024	767,415	571,470	304	.....	.....	.....	.....	304	.....	3
8,724	15,931	212,619	967	29,747	3,402	903,988	22,333	1,426,170	499,849	137	.....	.....	.....	.....	137	.....	4
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
.....	5,234	9,950	300	6,192	617	283,930	2,056	346,596	60,610	30	.....	.....	.....	.....	30	.....	6
20,750	31,480	106,046	1,536	9,562	26,495	422,234	12,179	703,357	268,944	386	100	.....	.....	.....	286	.....	7
9,950	23,537	70,338	1,434	4,182	23,774	201,188	5,635	361,490	154,667	143	100	.....	.....	.....	43	.....	8
10,800	7,943	35,708	102	5,380	2,721	221,046	6,544	341,867	114,277	243	.....	.....	.....	.....	243	.....	9
5,600	8,882	89,958	1,953	3,819	1,636	136,523	1,099	322,902	185,280	26	.....	.....	.....	.....	26	.....	10
6,000	3,964	12,316	.....	2,670	1,066	49,874	191	97,221	47,156	1	.....	.....	.....	.....	1	.....	11
.....	.....	12,398	94	2,082	272	89,070	2,947	116,887	24,870	93	.....	.....	.....	.....	93	.....	12
.....	7,625	113,447	1,609	5,062	3,765	74,602	8,938	279,076	195,536	246	6	.....	10	.....	230	.....	13
.....	4,041	60,075	564	4,462	1,832	54,148	4,286	173,901	115,467	129	6	.....	10	.....	113	.....	14
.....	3,584	53,372	1,045	600	1,933	20,454	4,652	105,175	80,069	117	.....	.....	.....	.....	117	.....	15
.....	.....	9,399	1,990	1,212	128	10,462	495	27,921	16,964	39	.....	.....	.....	.....	39	.....	16
.....	.....	1,534	135	1,098	36	6,278	142	19,313	12,893	4	.....	.....	.....	.....	4	.....	17
5,558	4,989	113,427	627	3,907	3,310	163,533	7,069	359,321	188,719	641	200	.....	.....	.....	441	.....	18
.....	.....	12,467	665	384	638	15,899	488	39,266	22,879	35	.....	.....	.....	.....	35	.....	19
5,686	1,667	33,454	.....	2,094	5,517	84,676	3,487	184,659	96,496	86	.....	.....	.....	.....	86	.....	20
2,160	1,545	7,618	68	809	464	36,930	490	63,781	26,361	5	.....	.....	.....	.....	5	.....	21
3,900	1,754	13,966	200	1,700	343	11,356	615	42,431	30,460	11	.....	.....	.....	.....	11	.....	22
.....	.....	614	4	672	67	6,815	112	15,537	8,610	9	.....	.....	.....	.....	9	.....	23
10,188	8,577	52,237	312	6,579	1,620	82,774	1,748	232,772	148,250	63	.....	.....	.....	.....	63	.....	24

[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.

CITIES OF 50,000 INHABITANTS OR MORE—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. 115,412	*Dollars.* 179,836	*Dollars.* 227,784	*Dollars.* 12,979	*Dollars.* 8,260	*Dollars.* 6,833	*Dollars.* 198,329	*Dollars.* 9,168	*Dollars.* 1,143,913	*Dollars.* 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
.....	.....	.....	.....	.....	.....	.....	.....	16,310	16,310	.....	.....	.....	.....	.....	.....	.....	4
.....	2,360	.....	9,648	660	.....	.....	.....	174,971	102,192	1	.....	.....	.....	.....	1	.....	5
2,000	1,500	52,688	.....	2,790	18,686	72,729	50	19,686,984	7,986,834	12,658	2,721	210	248	.....	9,479	.....	6
380,124	252,841	5,655,740	5,653	32,372	467,260	10,942,990	757,160										

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	22,002	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	22,873	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
8,337	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 elsewhere 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	585	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	67	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.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.
										Total.	Owned.				Rented.[2]	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.				Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]			
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
8,317,772	10,559,301	59,704,312	1,734,488	3,223,138	12,816,449	255,970,690	5,447,553	417,321,277	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	69,729	.....	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	777,340	.....	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	231,112	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	2,975,202	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	1,481,503	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	7,054	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	7,180	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	31,312	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	.....	2,920,973
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 [3]	9	Oc [3]	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	128	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 [3]	205	My [3]	145	204	187	17	.....	.....	680,222
17	Glass, cutting, staining, and ornamenting.	14	93	15	4	8	7	59	Se [3]	64	Ja [3]	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 [3]	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 [3]	29	Ja [3]	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	270	352	38	312	.....	2	1,204,623
29	Lapidary work	3	13	5	.....	.....	1	7	Au [3]	8	Ja [3]	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 [3]	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 elsewhere specified.	5	41	9	2	1	.....	29	Oc	33	Je [3]	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 [3]	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 [3]	53	Ja [3]	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 [3]	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 [3]	8	Ja [3]	6	9	8	1	.....	.....	14,620
56	All other	8	33	3	6	5	4	15	De	20	Je [3]	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 [3]	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).
[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.			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.*								
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	237,115	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	13,190,202	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	21,684	7,060	1,190,110	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	19,020	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	1,285,850	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	187,161	.....	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	56,925	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

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

TABLE 36.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners, Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	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 [3] 41	Ja [3] 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 [3] 37	37	29	4	4	.....	399,121
9	Refrigerators	3	25	5	.....	.....	1	19	Mh 21	Oc [3] 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 [3] 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 [3] 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 [3] 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 [3] 18	My [3] 14	19	18	.....	.....	1	39,693
38	Trunks and valises	19	247	25	11	13	4	194	De [3] 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.								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.*								
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	295,252	11,723	1,248,658	910,683	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	20,984	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	540,987	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	101,353	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	95	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	14,263	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	101	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	1,784,289
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	.....	1,689,383
10	SAN BERNARDINO	54	2,417	55	117	104	34	2,107	Jy	2,340	Ja	1,733	2,308	2,090	196	22	.....	3,046,823
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[3]	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.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
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	26,760	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
50,854	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

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

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

COLORADO

Prepared under the supervision of EUGENE F. HARTLEY, Chief Statistician for Manufactures

CONTENTS

	Page
EXPLANATION OF TERMS	2
GENERAL STATISTICS	
General character of the state	3
Comparative summary	4
Statistics for the state, by counties	5
Principal industries, ranked by value of products	6
Persons engaged in manufacturing industries	6
Average number of wage earners for selected industries, with per cent, by sex and age	7
Average number of wage earners, by sex and age, and value of products, for cities of 10,000 inhabitants or more	7
Wage earners, by months	7
Wage earners, by months, for selected industries and for cities	8
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	9
Size of establishments, by average number of wage earners, for selected industries and for cities	10
Size of establishments, by value of products	10
Size of establishments, by value of products, for selected industries	11
Size of establishments, by value of products, for cities of 10,000 inhabitants or more	12
Character of ownership, for selected industries and for cities	12
Manufactures, by population groups, in cities of 10,000 inhabitants or more	13
Principal industries in Denver, with per cent of total for the state	13
Number and horsepower of types of prime movers	14
Fuel consumed	14
SPECIAL STATISTICS	
Slaughtering and meat packing	15
Flour-mill and gristmill products	15
Butter, cheese, and condensed milk	16
Printing and publishing	16
Laundries	16
Dyeing and cleaning	16
Custom sawmills and gristmills	17
GENERAL TABLES	
Table 26.—Comparative summary for selected industries and for cities: 1919, 1914, and 1909	18
Table 27.—Detailed statement of all industries combined and specified industries: 1919	20

WASHINGTON

GOVERNMENT PRINTING OFFICE

1921

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for *the purpose of showing the absolute and relative magnitude of the different branches* of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than $500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this bulletin give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured, and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuels impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

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 figures 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, whose combined population in that year was 362,516, formed 38.6 per cent of the total population of Colorado, and in 1919 reported 54 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increase in salaries and wages, cost of materials, and the value of products from 1914 to 1919, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and therefore, can not properly be used to measure the growth of manufactures 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 62.9 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 the female wage earners in the state than of the males—79.8 per cent and 54.6 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 less 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 91.1 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 7,173, or 30.2 per cent, and the value of products $126,545,824, or 101.6 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in 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 the 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	25,569,026	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. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
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	48,456	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	365	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	1,695,925	7,632,171	13,440,083	5,807,912	8,225
Las Animas	60	881	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	2,259,361	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	108,052	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 include 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	1,108	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 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	3,099	2,996	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	*33,027*	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	*146*	*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**	*5,693*	5,301	5,405	5,601	5,758	5,731	5,873	5,971	83.6
Clothing, men's	242	234	204	*183*	188	206	230	249	263	266	290	**295**	203	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	824	599	564	*439*	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	**1,033**	*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	*1,753*	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**	*9,156*	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	70	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	*100*	117	126	164	134	157	372	203	287	201	132	134	26.3
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—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	2,631	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	29,100	260	716	1,666	306	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	13,226,608	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	71,907,957	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	58.2	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] 270,555	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	2,379,089	.....	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	191,795	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	3,069,676	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	4,345,147	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	1,028,464	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	$148,724,181	$10,396,371	$133,488,736	$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.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
Slaughtering and meat packing	$37,577,198	91.6	$26,347,600	234.6
Foundry and machine-shop products [1]	8,785,627	78.2	5,766,559	191.0
Cars and general shop construction and repairs by steam-railroad companies	7,064,234	46.7	4,111,053	139.2
Bread and other bakery products	6,693,718	68.2	3,405,732	103.6
Flour-mill and gristmill products	6,650,881	33.3	3,931,943	144.6
Butter	5,043,798	57.5	3,015,099	148.6
Printing and publishing, newspapers and periodicals	4,882,952	64.8	2,328,416	91.1
Confectionery and ice cream	3,769,045	75.3	2,503,958	220.7
Printing and publishing, book and job	3,411,970	88.8	1,586,286	86.9
Automobile repairing	3,029,375	53.3	2,992,508	8,117.0
Brick and terra-cotta products	1,385,125	55.3	746,923	117.0
Tobacco, cigars	1,296,272	88.5	634,358	95.8
Copper, tin, and sheet-iron work	1,208,707	85.7	806,709	200.7
Lumber, planing-mill products, not including planing mills connected with sawmills	1,101,147	70.0	641,845	139.7

INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
Saddlery and harness	$1,077,187	69.2	$755,618	235.0
Lithographing	914,680	100.0	(2)	.....
Structural ironwork, not made in steel works or rolling mills	836,391	100.0	(2)	.....
Chemicals				
Clothing, men's				
Coffee, roasting and grinding				
Gas, illuminating and heating				
Mattresses and spring beds, not elsewhere specified	(3)	(3)	(3)	(3)
Paints				
Rubber goods, not elsewhere specified				
Smelting, lead				
Sulphuric, nitric, and mixed acids				

[1] Includes "iron and steel, welding."
[2] Figures can not be shown without disclosing individual operations in 1914.
[3] Relative rank 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	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	7,542	4,765	2,927	86,046	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	1,825	1,575	1,075	28,723	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, manufactured (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 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	34,261
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	.....	8,038	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" is 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	[2] 4,687,720	[2] 1,886,539	1,863,103
Value	[2] $464,915	[2] $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	20,530,615
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	7,592,916	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	7,528,287	4,582,025	(3)
Value	$1,897,620	$394,944	(3)
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 cost of poultry, to avoid disclosure of individual operations.
[2] Includes poultry, to avoid disclosure of individual operations.
[3] 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	96,120
Value	$1,829,542	$1,125,071	$2,546,408
Feed and offal:			
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 from 1914 to 1919 increased $8,309,375, or 231 per cent. 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	91	.....
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 the 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, 040
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	$275,022
	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, including cereal beverages.	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	1,199
	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	531
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	1,896	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	67,363

[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. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
DENVER..... All industries.	1919	1,097	16,635	41,413	$19,342	$79,340	$125,411
	1914	885	11,062	26,555	7,942	28,036	46,982
	1909	765	11,639	22,515	8,092	26,837	45,925
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	54	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	2,516
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	1,011
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	3,709
	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	89	952	3,422	738	1,754	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	4,869
	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. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
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	1,055	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	786	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. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	2,631	44,729	2,234	2,238	3,478	1,525	35,254	Au 37,553	Se 33,027	(3)	(3)	(3)	(3)	(3)	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 6,080	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	.....	.....	566,104
26	Chemicals	7	138	3	16	14	7	98	Oc 125	Ja [4] 80	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	.....	.....	476,945
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	967	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.* 6,599,524	*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	28,723	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	7,600	332,356	9,040	819,280	477,884	219	.....	.....	.....	.....	219	10	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
1,535	389	13,218	.....	720	380	30,212	650	64,333	33,501	12	.....	.....	.....	.....	12	.....	8
11,985	4,120	67,686	.....	6,310	2,098	219,539	11,083	368,643	138,021	109	.....	.....	.....	.....	109	.....	9
149,742	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
45,332	168,353	302,372	.....	5,000	131,427	1,502,738	15,253	2,666,576	1,148,585	430	84	.....	.....	.....	346	.....	11
104,410	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
112,668	34,635	863,878	47,790	5,992	55,243	388,856	384,937	2,504,658	1,730,895	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	1,030	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	39,083	.....	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

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

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

[5] Same number reported throughout the year.

TABLE 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.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Gas, illuminating and heating	10	528	.....	31	36	13	448	De 521	Fe 404	521	521	.....	.....	.....	10,973,023
2	Hair work	4	9	5	.....	.....	.....	4	No [4] 5	Oc 2	5	.....	5	.....	.....	6,800
3	Hand stamps	3	14	3	.....	.....	3	8	(5) 8	(5) 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 [4] 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, including cereal beverages.	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 1,098	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	.....	.....	.....	250,900
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 [4] 16	19	19	.....	.....	.....	21,800
19	Optical goods	6	84	1	5	13	9	56	Je 60	Jy [4] 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 [4] 49	Ap 27	50	22	28	.....	.....	169,042
23	Patent and proprietary compounds, not elsewhere specified.	7	13	2	2	3	4	2	(5) 2	(5) 2	5	4	1	.....	.....	58,086
24	Perfumery and cosmetics	3	9	3	1	.....	1	4	(5) 4	(5) 4	5	2	3	.....	.....	46,937
25	Pickles, preserves, and sauces	6	44	5	6	6	1	26	Se 36	Ja [4] 21	23	13	10	.....	.....	334,162
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	109	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 [4] 4	9	5	3	1	.....	332,958
35	Saddlery and harness	27	268	24	11	21	6	206	De 236	Mh 188	242	226	16	.....	.....	840,090
36	Shirts	3	12	3	.....	.....	.....	9	Jy [4] 10	Ja [4] 8	10	3	7	.....	.....	7,385
37	Signs, electric and other	10	101	5	10	8	7	71	Au 77	Ja [4] 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 [4] 12	Ja [4] 9	10	9	1	.....	.....	18,876
41	Statuary and art goods	4	9	5	.....	.....	.....	4	Ap [4] 5	Ja 1	4	4	.....	.....	.....	6,139
42	Steam packing	3	25	1	8	3	2	11	Mh 14	Ap [4] 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 [4] 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 [4] 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 [4] 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	Butter, reworking	1	Fancy articles, not elsewhere specified	2	Hats, wool-felt	1
Artificial limbs	2	Carriage and wagon materials	1	Fertilizers	2	House-furnishing goods, not elsewhere specified	2
Automobiles	2	Cement	2	Flags and banners	2	Ink, writing	2
Babbitt metal and solder	2	Clothing, women's	4	Flavoring extracts	3	Instruments, professional and scientific	3
Baking powders	1	Coke, not including gas-house coke	3	Gas and electric fixtures	2	Iron and steel, blast furnaces	1
Baskets, and rattan and willow ware	1	Cooperage, hogsheads and barrels	1	Glass, cutting, staining, and ornamenting	2	Iron and steel, steel works and rolling mills	1
Belting and hose, other than rubber	1	Cordials and flavoring sirups	1	Gloves and mittens, leather	1	Jewelry and instrument cases	1
Belting, leather	1	Crucibles, clay	1	Gold and silver, reducing and refining, not from the ore	1	Lapidary work	1
Boot and shoe findings	1	Dairymen's and poultrymen's supplies	1	Grease and tallow, not including lubricating greases	3		
Boxes, paper and other, not elsewhere specified	3	Druggists' preparations	3	Hats and caps, other than felt, straw, and wool	3		
Boxes, wooden packing, except cigar boxes	4	Electroplating	1				
Brushes	3	Enameling	1				
		Explosives	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.

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

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
69,313	49,074	565,366	1,336	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	7,832	.....	2,059	112	7,823	675	22,456	13,958	8	.....	.....	.....	.....	8	.....	3
54,700	25,900	274,403	490	3,660	37,325	54,166	183,173	1,045,477	832,138	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
28,096	27,559	108,943	.....	69,000	99,596	392,357	29,561	849,030	517,082	1,280	1,024	.....	.....	151	105	198	7
33,648	115,276	174,427	.....	15,921	18,949	417,356	6,293	914,683	491,031	169	.....	.....	.....	.....	169	.....	8
2,590	2,760	16,348	50	6,071	943	26,850	231	70,434	43,293	8	.....	.....	.....	.....	8	.....	9
79,015	38,830	1,053,332	141,335	1,507	16,013	672,393	6,165	2,459,731	1,772,173	6,027	5,530	106	96	48	247	.....	10
50,327	31,509	512,036	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	585,836	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	1,168,091	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	89,735	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	291	24,032	10,742	4	.....	.....	.....	.....	4	.....	24
10,849	8,935	23,725	640	937	2,184	109,492	3,618	219,935	115,915	51	30	.....	12	.....	9	.....	25
11,970	11,421	82,054	.....	1,395	4,807	18,070	16,524	209,086	165,492	164	62	.....	.....	.....	102	.....	26
213,752	181,497	1,117,478	88,510	100,113	77,495	1,304,864	63,990	3,985,239	2,616,376	785	60	.....	.....	.....	725	163	27
205,032	141,745	1,100,885	43,178	97,652	76,384	1,309,404	62,680	3,848,504	2,485,420	779	60	.....	.....	.....	719	163	28
8,720	39,752	.....	45,332	1,255	710	1,035	.....	97,241	93,206	.....	.....	.....	.....	.....	.....	.....	29
.....	.....	16,593	.....	1,205	401	3,425	1,310	39,485	34,750	6	.....	.....	.....	.....	6	.....	30
427,056	710,283	1,321,725	324,435	83,392	123,873	2,242,550	72,661	7,533,978	5,218,767	1,518	30	.....	162	2	1,324	7	31
65,450	245,187	379,351	2,085	3,059	15,789	484,351	18,202	1,692,822	1,190,259	299	.....	.....	.....	.....	299	.....	32
294,237	394,893	935,450	36,557	73,623	106,257	1,714,000	54,283	5,116,105	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
47,497	51,119	272,422	.....	10,190	25,416	944,586	6,164	1,556,723	605,973	234	.....	.....	.....	.....	234	.....	35
.....	.....	7,932	.....	1,295	89	9,048	236	26,236	16,952	4	.....	.....	.....	.....	4	.....	36
24,814	11,401	75,195	5,000	8,702	1,349	60,685	1,399	216,005	153,922	22	.....	.....	.....	.....	22	.....	37
163,760	604,570	2,148,745	158,414	8,465	103,283	35,501,638	283,723	41,097,531	5,222,167	4,033	3,147	304	12	.....	573	2,349	38
47,178	35,125	412,253	.....	600	16,715	705,993	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	33	30	.....	.....	.....	6	.....	40
.....	.....	3,882	350	1,225	31	1,878	291	11,307	9,138	1	.....	.....	.....	.....	1	.....	41
9,571	4,650	6,806	.....	900	1,356	39,490	753	74,207	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	689,477	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	.....	15,183	.....	1,025	1,609	55,413	1,309	117,610	60,888	92	.....	.....	.....	.....	92	.....	47
6,734	1,020	28,995	.....	2,756	952	208,333	1,974	233,537	53,230	72	.....	.....	.....	.....	72	.....	48
1,826,690	2,156,866	13,476,920	871,454	75,041	6,497,440	54,158,332	10,693,999	102,587,045	37,734,684	130,633	102,177	6,015	167	35	22,259	20,777	49

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

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

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

[5] Same number reported throughout the year.

TABLE 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	.....	.....	420,291
5	Bookbinding and blank-book making	4	42	9	.....	1	1	31	Ap [3] 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	146	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 [3] 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 [3] 166	196	125	69	2	.....	2,050,495
14	Carriages and wagons, including repairs.	6	40	5	2	.....	.....	33	De 36	Ap [3] 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	(4) 6	(4) 6	6	.....	6	.....	.....	4,225
17	Coffins, burial cases, and undertakers' goods.	5	72	1	8	11	8	44	Oc 52	Je [3] 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 [3] 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 [3] 5	6	6	.....	.....	.....	145,032
25	Engraving and diesinking	3	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	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 [3] 49	Ap 34	48	19	28	1	.....	131,328
33	Hair work	4	9	5	.....	.....	.....	4	No [3] 5	Oc 2	5	.....	5	.....	.....	6,800
34	Iron and steel, welding	4	12	2	2	1	1	6	Oc 8	Ja [3] 5	6	6	.....	.....	.....	7,000
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	2	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	.....	.....	.....	535,795
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 [3] 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 [3] 16	19	19	.....	.....	.....	21,890
45	Optical goods	6	84	1	5	13	9	56	Je 60	Jy [3] 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 [3] 39	Mh 21	39	21	18	.....	.....	105,689
48	Patent and proprietary compounds.	7	13	2	2	3	4	2	(4) 2	(4) 2	5	4	1	.....	.....	58,086
49	Perfumery and cosmetics	3	9	3	1	.....	1	4	(4) 4	(4) 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 [3] 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.										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.																	
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	4,811	1
32,784	5,360	216,078	15,828	15,238	6,190	261,847	7,292	646,554	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	1,827,684	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	35,830	.....	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	1,059	124	.....	.....	.....	935	.....	8
45,332	108,353	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	7,034,234	4,419,381	5,085	2,880	.....	.....	.....	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	218,781	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	373,266	229,	95	.....	.....	.....	134	.....	20
90,037	34,661	228,191	7,000	22,955	29,899	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	245,004	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	13,009	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	1,098,213	59,478	2,411,970	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 [3] 10	Ja [3] 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 [3] 12	Ja [3] 9	10	9	1	.....	.....	18,876
5	Statuary and art goods	4	9	5	.....	.....	.....	4	Ap [3] 5	Ja 1	4	4	.....	.....	.....	6,139
6	Steam packing	3	25	1	8	3	2	11	Mh 14	Ap [3] 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 [3] 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 [3] 67	80	62	11	7	.....	189,464
11	Wirework	3	17	4	2	.....	1	10	Ja 13	Fe [3] 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 [3] 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.

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

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.	
											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.*								
38,857	43,040	179,296	.....	6,388	18,224	669,449	3,630	1,077,187	404,108	202	.....	.....	.....	.....	202	.....	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	32,706,488	256,794	37,577,198	4,613,916	3,251	2,819	304	.....	.....	128	2,349	3
.....	[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	537	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 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	21,063	12,471	21,127	935,941	89,226	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

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

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

CONNECTICUT

Prepared under the supervision of EUGENE F. HARTLEY, Chief Statistician for Manufactures

CONTENTS.

	Page
EXPLANATION OF TERMS	2
GENERAL STATISTICS	
General character of the state	3
Comparative summary	4
Statistics for the state, by counties	5
Principal industries, ranked by value of products	5
Persons engaged in manufacturing industries	6
Average number of wage earners for selected industries, with per cent, by sex and age	6
Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more	7
Wage earners, by months	7
Wage earners, by months, for selected industries and for cities	8
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	10
Size of establishments, by average number of wage earners, for selected industries and for cities	11
Size of establishments, by value of products	12
Size of establishments, by value of products, for selected industries	13
Size of establishments, by value of products, for cities of 10,000 inhabitants or more	15
Character of ownership, for selected industries and for cities	16
Manufactures, by population groups, in cities of 10,000 inhabitants or more	17
Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state	18
Number and horsepower of types of prime movers	19
Fuel consumed	19
SPECIAL STATISTICS	
Textiles	20
Cotton manufactures	20
Silk goods	21
Wool manufactures	22
Knit goods	23
Hats, fur-felt	23
Machinery used in textile mills	23
Electrical machinery, apparatus, and supplies	24
Paper and wood pulp	24
Printing and publishing	24
Laundries	25
Dyeing and cleaning	25
Custom sawmills and custom gristmills	25
GENERAL TABLES	
Table 33.—Comparative summary for selected industries and for cities: 1919, 1914, and 1909	26
Table 34.—Detailed statement of all industries combined and specified industries: 1919	30

WASHINGTON

GOVERNMENT PRINTING OFFICE

1922

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than $500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this bulletin give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured, and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

CONNECTICUT.

GENERAL STATISTICS.

General character of the state.—Connecticut has a gross area of 4,965 square miles, of which 4,820 represent land surface. The inhabitants of the state in 1900 numbered 908,420; in 1910, 1,114,756; and in 1920, 1,380,631. In total population Connecticut ranked twenty-ninth among the states in 1920. The number of inhabitants per square mile in 1910 was 231.3, the corresponding figure for 1920 being 286.4.

In 1920 there were 18 cities in the state having more than 10,000 inhabitants. The combined population of these cities in that year was 865,943, which formed 62.7 per cent of the total population of Connecticut. In 1919, these cities reported 71 per cent of the value of the state's manufactured products.

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

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

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

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 34.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 1,900 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—General increases are shown in most of the details for the 18 cities included in this table from 1914 to 1919, and to a lesser extent from 1909 to 1914. Danbury shows a decrease in wage earners from 1914 to 1919 and Naugatuck a decrease in value of products from 1909 to 1914. During the last census period there was an increase of $597,279,900, or 152.8 per cent, in the total value of products for these cities, and 56,735, or 35.5 per cent, in average number of wage earners.

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined, and also for each of the 18 cities having more than 10,000 inhabitants. The table also shows a number of industries in the state in 1919 which employed a large number of female wage earners. Of the total number of female wage earners in the state, 72.7 per cent were employed in the cities, while the corresponding proportion for male wage earners was 74.5 per cent.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in Connecticut. In that year 8.3 per cent of the wage earners were included in the group "48 and under," as against 34.2 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 8.4 per cent of the total wage earners, as compared with 2.4 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, 90 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 15.6 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 10 per cent of the total number of manufacturing establishments in the state, but reported 84.4 per cent of the total number of wage earners.

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

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

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

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 38.3 per cent of the number of establishments in the state in 1919, they reported 94.2 per cent of the average number of wage earners, and 93.9 per cent of the total value of products. During the five-year period, 1914 to 1919, the average number of wage earners in corporations increased 68,256, or 32.9 per cent, and the value of products, $808,440,373, or 162.1 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 18 cities in 1919 represented 65.7 per cent of the total in the state. They reported in that year 74 per cent of the average number of wage earners, and 71 per cent of the value of products. These proportions differ but little from those of 1914.

Principal industries in Bridgeport, Hartford, New Britain, New Haven, and Waterbury, with per cent of total for state (Table 16).—This table includes all industries in each of the five cities in the state having 50,000 inhabitants or more in 1920, with products of $500,000 and over, for which figures can be shown without disclosing the operations of individual establishments. The names of a number of important industries are also given for which figures can not be shown without the possibility of disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows as increase of 210,879 horsepower, or 46.5 per cent. Of this increase 177,324 horsepower, or 84.1 per cent, was in rented power and 33,555 horsepower, or 15.9 per cent, in owned power. Of the total horsepower in 1914, 85.6 per cent was owned power and 14.4 per cent rented. The corresponding proportions for 1919 were 63.5 per cent and 36.5 per cent, respectively.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. In 1919, of the total anthracite coal consumed, 10.3 per cent was used in the manufacture of gas. This industry was a large consumer of other fuels, notably, 9.8 per cent of the bituminous coal, 28.9 per cent of the coke, and 33.4 per cent of the fuel oils. The brass, bronze, and copper products industry consumed 29.1 per cent of the anthracite coal, 13.3 per cent of the bituminous coal, and 26.9 per cent of the fuel oils, being the largest single consumer of anthracite and bituminous coal in the state.

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	4,872	4,104	4,251	3,477	3,382	18.7	−3.5	22.3	2.8
Persons engaged	338,033	254,499	233,871	198,046	(2)	32.8	8.8	18.1	.....
Proprietors and firm members	3,920	3,123	3,468	2,918	(2)	25.5	−9.9	18.8	.....
Salaried employees	41,441	25,112	19,611	13,523	9,258	65.0	28.1	45.0	46.1
Wage earners (average number)	292,672	226,264	210,792	181,605	159,733	29.3	7.3	16.1	13.7
Primary horsepower	664,691	453,812	400,275	304,204	256,331	46.5	13.4	31.6	18.7
Capital	$1,232,324,318	$620,194,294	$517,546,554	$373,283,580	$299,206,925	98.7	19.8	38.6	24.8
Salaries and wages	406,467,439	160,731,359	135,756,351	104,982,979	85,149,341	152.9	18.4	29.3	23.3
Salaries	81,785,188	35,511,499	25,637,306	17,040,351	11,755,279	130.3	38.5	50.5	45.0
Wages	324,682,251	125,219,860	110,119,045	87,942,628	73,394,062	159.3	13.7	25.2	19.8
Paid for contract work	3,980,238	2,059,176	1,279,258	1,392,515	(2)	93.3	61.0	−8.1	.....
Rent and taxes	63,449,015	7,161,619	4,618,988	[3] 2,660,218	(2)	786.0	55.0	.....	.....
Cost of materials	685,937,199	288,510,886	257,250,393	191,301,881	169,671,648	137.8	12.1	34.5	12.7
Value of products	1,392,431,620	545,471,517	490,271,695	369,082,091	315,106,150	155.3	11.3	32.8	17.1
Value added by manufacture [4]	706,494,421	256,960,631	233,012,302	177,780,210	145,434,502	174.9	10.3	31.1	22.2

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

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

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	4,872	292,672	$324,682,251	$63,449,015	$685,937,199	$1,392,431,620	$706,494,421	664,691
Fairfield	1,046	69,656	81,054,671	15,113,794	169,988,815	361,652,781	191,663,966	140,657
Hartford	1,002	70,090	79,865,047	17,528,549	127,838,442	299,738,536	171,900,094	132,980
Litchfield	277	13,095	13,260,275	2,348,308	28,846,518	54,806,945	25,960,427	32,339
Middlesex	251	7,830	7,243,178	2,103,196	19,408,106	34,651,037	15,242,931	16,148
New Haven	1,601	93,967	102,929,380	16,437,269	211,661,140	421,134,540	209,473,400	211,692
New London	356	20,144	22,928,005	3,058,213	50,837,924	97,966,199	47,128,275	63,394
Tolland	128	4,545	4,392,505	2,452,972	15,928,103	27,869,594	11,941,491	12,058
Windham	211	13,345	13,009,190	4,406,714	61,428,151	94,611,988	33,183,837	55,423

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

INDUSTRY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent distribution.	VALUE OF PRODUCTS. Amount (expressed in thousands).	VALUE OF PRODUCTS. Per cent distribution.	VALUE ADDED BY MANUFACTURE. Amount (expressed in thousands).	VALUE ADDED BY MANUFACTURE. Per cent distribution.
All industries	4,872	292,672	100.0	$1,392,432	100.0	$706,494	100.0
Brass, bronze, and copper products	75	29,580	10.1	169,550	12.2	59,312	8.4
Cotton goods	47	15,647	5.3	101,551	7.3	37,140	5.3
Foundry and machine-shop products	250	20,148	6.9	78,893	5.7	53,347	7.6
Silk goods	41	11,254	3.8	68,053	4.9	30,528	4.3
Hardware	64	18,614	6.4	61,751	4.4	41,547	5.9
Electrical machinery, apparatus, and supplies	54	11,403	3.9	51,911	3.7	28,470	4.0
Ammunition	3	12,489	4.3	39,997	2.9	24,063	3.4
Rubber tires, tubes, and rubber goods, not elsewhere specified	21	5,060	1.7	33,928	2.4	15,695	2.2
Woolen goods	35	5,351	1.8	32,357	2.3	13,213	1.9
Hats, fur-felt	41	4,580	1.6	23,152	1.7	10,948	1.5
Plated ware	26	5,192	1.8	22,662	1.6	12,657	1.8
Boots and shoes, rubber	5	6,439	2.2	22,451	1.6	12,924	1.8
Corsets	19	5,616	1.9	20,675	1.5	8,378	1.2
Worsted goods	9	2,447	0.8	18,928	1.4	6,334	0.9
Machine tools	33	5,472	1.9	18,435	1.3	13,512	1.9
Steam fittings and steam and hot-water heating apparatus	11	4,260	1.5	17,401	1.2	10,914	1.5
Bread and other bakery products	494	2,020	0.7	17,112	1.2	6,174	0.9
Suspenders, garters, and elastic woven goods	15	3,426	1.2	16,966	1.2	6,703	0.9
Typewriters and parts	5	6,539	2.2	16,961	1.2	12,169	1.7
Firearms	9	4,561	1.6	15,929	1.1	11,631	1.6
Needles, pins, and hooks and eyes	23	4,037	1.4	13,904	1.0	8,287	1.2
Iron and steel, forgings, not made in steel works or rolling mills	18	2,489	0.8	13,683	1.0	8,454	1.2
Paper and wood pulp	44	1,999	0.7	12,939	0.9	4,722	0.7
Tools, not elsewhere specified	70	3,373	1.2	12,916	0.9	8,874	1.3
Clocks	8	4,925	1.7	12,904	0.9	8,785	1.2
Ordnance and accessories	4	1,443	0.5	11,697	0.8	6,361	0.9
Iron and steel, steel works and rolling mills	7	2,468	0.8	9,583	0.7	5,341	0.8
Knit goods	21	2,649	0.9	9,333	0.7	3,984	0.6
Wire	7	1,378	0.5	9,083	0.7	4,480	0.6
Cutlery and edge tools	37	3,424	1.2	8,812	0.6	6,085	0.9
Dyeing and finishing textiles, exclusive of that done in textile mills	16	1,918	0.7	8,350	0.6	4,900	0.7
Gas, illuminating and heating	22	1,270	0.4	8,347	0.6	5,157	0.7
Printing and publishing, newspapers and periodicals	134	1,329	0.4	7,513	0.5	5,274	0.7
Lumber, planing-mill products, not including planing mills connected with sawmills	91	1,037	0.3	7,478	0.5	2,907	0.4
Boxes, paper and other, not elsewhere specified	44	2,267	0.8	7,446	0.5	4,104	0.6
Clothing, women's	60	2,058	0.7	7,427	0.5	3,360	0.5
Stamped and enameled ware, not elsewhere specified	26	2,288	0.8	7,423	0.5	4,430	0.6
Engines, steam, gas, and water	16	1,764	0.6	7,309	0.5	4,016	0.6
Screws, wood	5	2,245	0.8	6,390	0.5	3,887	0.5
Printing and publishing, book and job	255	1,600	0.5	6,247	0.4	4,034	0.6
Automobile bodies and parts	53	1,164	0.4	$6,198	0.4	$3,106	0.4
Hardware, saddlery	14	1,399	0.5	5,400	0.4	3,943	0.6
Liquors, malt	15	405	0.1	5,337	0.4	3,946	0.6
Confectionery and ice cream	121	849	0.3	5,260	0.4	2,203	0.3
Sewing machines and attachments	3	2,724	0.9	5,248	0.4	4,318	0.6
Soap	6	445	0.2	5,145	0.4	2,967	0.4
Hat and cap materials	15	682	0.2	4,931	0.4	1,874	0.3
House-furnishing goods, not elsewhere specified	8	874	0.3	4,673	0.3	1,657	0.2
Automobile repairing	301	1,073	0.4	4,545	0.3	2,856	0.4
Tobacco, cigars	193	1,263	0.4	4,305	0.3	2,648	0.4
Musical instruments, piano and organ materials	6	1,291	0.4	4,267	0.3	2,309	0.3
Springs, steel, car and carriage, not made in steel works or rolling mills	5	1,041	0.4	3,955	0.3	2,303	0.3
Belting, leather	8	247	0.1	3,930	0.3	1,135	0.2
Boots and shoes, not including rubber boots and shoes	8	995	0.3	3,765	0.3	1,585	0.2
Wool shoddy	9	303	0.1	3,762	0.3	651	0.1
Fertilizers	6	188	0.1	3,599	0.3	1,042	0.1
Fancy articles, not elsewhere specified	10	504	0.2	3,521	0.3	1,675	0.2
Shirts	10	582	0.2	3,292	0.2	1,222	0.2
Screws, machine	12	1,050	0.4	3,272	0.2	2,306	0.3
Cotton lace	5	728	0.2	3,088	0.2	1,862	0.3
Toys and games	21	971	0.3	3,081	0.2	1,752	0.2
Silversmithing and silverware	6	495	0.2	3,062	0.2	1,717	0.2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	15	760	0.3	2,995	0.2	1,898	0.3
Shipbuilding, wooden, including boat building	36	1,112	0.4	2,924	0.2	1,937	0.3
Textile machinery and parts	23	669	0.2	2,876	0.2	1,792	0.3
Lamps	5	857	0.3	2,733	0.2	1,395	0.2
Perfumery and cosmetics	6	248	0.1	2,719	0.2	1,564	0.2
Clothing, men's	69	611	0.2	2,710	0.2	1,196	0.2
Furniture	33	570	0.2	2,564	0.2	1,546	0.2
Felt goods	3	334	0.1	2,529	0.2	1,059	0.1
Flour-mill and gristmill products	64	80	(1)	2,507	0.2	424	0.1
Musical instruments, pianos	5	608	0.2	2,506	0.2	1,023	0.1
Gas and electric fixtures	7	705	0.2	2,415	0.2	1,538	0.2
Plumbers' supplies, not elsewhere specified	6	576	0.2	2,377	0.2	979	0.1
Paper goods, not elsewhere specified	8	400	0.1	2,365	0.2	1,212	0.2
Wirework, not elsewhere specified	20	537	0.2	2,295	0.2	1,330	0.2
Structural ironwork, not made in steel works or rolling mills	19	459	0.2	2,295	0.2	1,201	0.2
Brick and tile and fire-clay products	30	835	0.3	2,294	0.2	1,831	0.3
Lumber and timber products	189	694	0.2	2,267	0.2	1,671	0.2
Iron and steel, cut nails and spikes, not made in steel works or rolling mills	3	500	0.2	2,006	0.1	1,226	0.2
All other industries [2]	1,341	36,785	12.6	215,972	15.5	109,494	15.5

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

[2] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 17 having products in excess of some for which figures are shown in the table. These industries are as follows: "Asbestos textile-mill products, not including steam packing"; "automobiles"; "carpets and rugs, other than rag"; "cars and general shop construction and repairs by steam-railroad companies"; "chocolate and cocoa products"; "dental goods"; "envelopes"; "gold and silver, reducing and refining, not from the ore"; "instruments, professional and scientific"; "motorcycles, bicycles, and parts"; "phonographs and graphophones"; "pumps, not including power pumps"; "shipbuilding, steel, new vessels"; "slaughtering and meat packing"; "sporting and athletic goods"; "upholstering materials, imitation leather and leatheroid"; and "watches."

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	338,033	252,370	85,663	74.7	25.3
	1914	254,499	191,716	62,783	75.3	24.7
	1909	233,871	176,478	57,393	75.5	24.5
Proprietors and officials	1919	15,638	15,084	554	96.5	3.5
	1914	9,149	8,847	302	96.7	3.3
	1909	9,030	8,666	364	96.0	4.0
Proprietors and firm members	1919	3,920	3,764	156	96.0	4.0
	1914	3,123	2,984	139	95.5	4.5
	1909	3,468	3,311	157	95.5	4.5
Salaried officers of corporations	1919	3,195	3,055	140	95.6	4.4
	1914	2,375	2,300	75	96.8	3.2
	1909	2,124	2,088	36	98.3	1.7
Superintendents and managers	1919	8,523	8,265	258	97.0	3.0
	1914	3,651	3,563	88	97.6	2.4
	1909	3,438	3,267	171	95.0	5.0
Clerks and other subordinate salaried employees.	1919	29,723	16,239	13,484	54.6	45.4
	1914	19,086	13,287	5,799	69.6	30.4
	1909	14,049	10,153	3,896	72.3	27.7
Wage earners (average number)	1919	292,672	221,047	71,625	75.5	24.5
	1914	226,264	169,582	56,682	74.9	25.1
	1909	210,792	157,659	53,133	74.8	25.2
16 years of age and over	1919	285,787	217,457	68,330	76.1	23.9
	1914	221,871	167,366	54,505	75.4	24.6
	1909	205,371	154,724	50,647	75.3	24.7
Under 16 years of age	1919	6,885	3,590	3,295	52.1	47.9
	1914	4,393	2,216	2,177	50.4	49.6
	1909	5,421	2,935	2,486	54.1	45.9

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	292,672	74.3	23.3	2.4
	1914	226,264	74.0	24.1	1.9
	1909	210,792	73.4	24.0	2.6
Boots and shoes, rubber [1]	1919	6,439	53.6	42.2	4.4
Boxes, paper and other, not elsewhere specified.	1919	2,267	40.6	47.7	11.7
	1914	2,196	40.4	53.5	6.1
Brass, bronze, and copper products	1919	29,580	87.2	12.6	0.3
	1914	16,781	89.2	10.3	0.6
Bread and other bakery products	1919	2,020	85.8	12.2	2.0
	1914	2,014	88.6	9.7	1.7
Clocks	1919	4,925	67.3	27.7	5.0
	1914	3,753	71.0	26.5	2.6
Clothing, women's	1919	2,058	11.7	84.7	3.6
	1914	1,337	23.9	73.3	2.8
Corsets	1919	5,616	15.5	80.6	3.8
	1914	7,298	14.2	81.1	4.7
Cotton goods	1919	15,647	56.4	38.9	4.7
	1914	15,093	56.7	39.0	4.3
Cutlery and edge tools	1919	3,424	86.1	11.1	2.8
	1914	5,002	89.8	9.2	1.0
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	1,918	82.1	14.7	3.2
	1914	1,764	87.2	10.3	2.6
Electrical machinery, apparatus, and supplies.	1919	11,403	63.8	34.6	1.6
	1914	5,059	64.0	32.7	3.3
Firearms and ammunition	1919	17,050	75.0	24.6	0.5
	1914	10,863	76.8	22.9	0.3
Foundry and machine-shop products [2]	1919	26,322	94.3	5.1	0.6
	1914	13,345	97.7	2.1	0.3
Hardware	1919	18,614	78.7	19.0	2.3
	1914	19,004	82.4	15.8	1.8
Hats, fur-felt	1919	4,580	75.9	21.8	2.4
	1914	5,461	70.6	28.4	1.0
Iron and steel, steel works and rolling mills [1].	1919	2,468	96.9	2.5	0.6
Iron and steel, forgings, not made in steel works or rolling mills.	1919	2,489	88.1	10.7	1.1
	1914	1,573	89.6	7.9	2.5
Knit goods	1919	2,649	33.5	59.8	6.7
	1914	2,904	30.1	67.3	2.5
Needles, pins, and hooks and eyes	1919	4,037	54.1	40.9	5.0
	1914	3,068	53.8	40.9	5.3
Paper and wood pulp	1919	1,999	88.0	11.7	0.3
	1914	1,898	90.9	8.9	0.3
Plated ware	1919	5,192	80.0	18.3	1.7
	1914	5,402	80.4	17.7	1.9
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	5,060	81.8	16.6	1.5
	1914	2,485	84.9	14.1	0.9
Screws, wood	1919	2,245	73.1	24.2	2.7
	1914	2,266	75.6	23.6	0.8
Sewing machines and attachments [1]	1919	2,724	82.1	13.8	4.1
Silk goods	1919	11,254	55.3	41.4	3.3
	1914	10,668	52.8	43.8	3.4
Stamped and enameled ware, not elsewhere specified.	1919	2,288	57.8	35.7	6.5
	1914	2,084	59.6	38.8	1.6
Steam fittings and steam and hot-water heating apparatus.	1919	4,260	91.3	8.3	0.4
	1914	3,371	95.6	4.0	0.4
Suspenders, garters, and elastic woven goods.	1919	3,426	40.9	54.8	4.2
	1914	2,974	43.0	54.2	2.8
Tools, not elsewhere specified	1919	3,373	86.8	10.9	2.3
	1914	2,560	91.4	8.1	0.5
Typewriters and parts	1919	6,539	75.2	22.7	2.2
	1914	4,662	83.6	14.8	1.7
Woolen and worsted goods	1919	7,798	69.5	26.9	3.6
	1914	7,133	70.1	27.0	2.9
All other industries	1919	73,008	78.2	19.2	2.6
	1914	64,240	78.7	19.7	1.7

[1] Not shown separately in 1914.

[2] Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."

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
Ansonia	6,102	4,312	4,127	5,324	3,788	3,743	724	469	347	54	55	37	$47,736,411	$21,499,441	$20,088,269
Bridgeport	42,862	30,042	25,775	32,219	21,098	18,262	9,903	8,308	6,852	740	636	661	208,089,797	85,126,193	65,608,806
Bristol	7,592	4,180	.....	6,247	3,311	.....	1,209	799	.....	136	70	.....	30,689,970	7,898,287	.....
Danbury	5,033	5,304	4,810	3,488	3,718	3,391	1,455	1,526	1,371	90	60	48	25,744,905	10,601,841	10,317,875
Derby	1,567	.....	.....	1,245	.....	.....	293	.....	.....	29	.....	.....	10,386,153	.....	.....
Hartford	26,264	17,137	14,627	21,184	14,360	12,224	4,707	2,592	2,217	373	185	186	118,002,693	42,831,350	40,679,598
Meriden	8,794	8,166	7,845	6,528	6,446	6,080	2,058	1,588	1,585	208	132	180	34,261,304	16,745,924	16,316,918
Middletown	3,985	2,389	2,434	2,403	1,692	1,543	1,466	663	840	116	34	51	18,158,983	5,642,667	4,954,799
Naugatuck	5,030	3,539	3,464	3,313	2,132	2,113	1,600	1,375	1,261	117	32	90	19,993,338	9,574,602	11,032,836
New Britain	17,212	14,320	13,513	13,339	11,465	10,500	3,505	2,804	2,675	368	51	338	63,621,960	23,227,004	22,021,241
New Haven	30,874	24,993	23,497	21,728	18,653	17,354	8,142	5,787	5,438	1,004	553	705	125,455,547	57,751,729	50,869,997
New London	2,241	2,154	2,225	1,478	1,400	1,466	734	744	692	29	10	67	10,274,112	4,940,004	4,483,239
Norwalk	5,633	4,963	.....	3,308	2,921	.....	2,086	1,868	.....	239	174	.....	25,518,505	9,009,401	.....
Norwich	5,018	4,074	4,101	3,502	3,040	3,008	1,340	925	990	176	109	103	28,625,546	8,470,767	8,378,947
Stamford	7,939	5,723	3,984	6,577	4,935	3,554	1,233	697	382	129	91	48	39,121,451	12,963,860	8,739,544
Torrington	6,608	4,974	4,488	5,196	4,195	3,828	1,205	642	512	207	137	148	29,240,854	14,314,822	12,549,872
Waterbury	30,322	20,189	20,170	23,322	15,219	15,088	6,548	4,701	4,648	452	269	434	130,193,040	50,659,162	50,349,816
Willimantic	3,625	3,507	3,020	1,825	1,843	1,549	1,661	1,565	1,383	139	99	88	22,986,585	9,564,200	6,733,185

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	293,231	228,033	201,545	92.5	97.8	89.2	July	285,117	223,931	206,295	90.0	96.1	91.3
February	285,424	230,542	*199,325*	90.1	98.9	88.2	August	286,077	*219,789*	211,295	90.3	94.3	93.6
March	282,329	**233,083**	202,523	89.1	100.0	89.7	September	298,600	222,889	218,637	94.2	95.6	96.8
April	*279,347*	232,162	203,599	88.2	99.6	90.1	October	305,421	223,118	222,052	96.4	95.7	98.3
May	282,178	231,433	205,198	89.1	99.3	90.9	November	312,133	220,393	224,439	98.5	94.6	99.4
June	285,349	228,252	208,732	90.1	97.9	92.4	December	**316,858**	221,543	**225,862**	100.0	95.0	100.0

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

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	292,672	293,231	285,424	282,329	*279,347*	282,178	285,349	285,117	286,077	298,600	305,421	312,133	**316,858**	88.2
Males	221,047	222,667	216,263	214,261	*212,554*	214,475	216,530	214,859	215,247	223,989	229,398	234,123	**238,398**	89.1
Females	71,625	70,564	69,161	68,068	*66,993*	67,703	68,819	70,258	70,830	74,611	76,023	78,010	**78,460**	85.4
Ammunition	12,489	**15,816**	13,695	13,516	12,555	11,912	11,670	11,518	*10,869*	11,048	11,557	12,531	13,181	68.7
Boots and shoes, rubber	6,439	6,387	**6,600**	6,436	6,221	*6,209*	6,511	6,557	6,568	6,365	6,513	6,563	6,338	94.1
Boxes, paper and other, not elsewhere specified	2,267	2,194	*2,072*	2,195	2,169	2,097	2,214	2,278	2,330	2,355	2,348	2,454	**2,498**	82.9
Brass, bronze, and copper products	29,580	**36,135**	31,857	27,878	*25,988*	26,062	26,143	27,910	29,240	29,996	30,909	31,147	31,695	71.9
Bread and other bakery products	2,020	1,921	*1,913*	1,958	1,964	2,002	2,031	2,060	2,070	2,045	2,052	2,093	**2,131**	89.8
Clocks	4,925	*4,258*	4,503	4,684	4,782	4,862	4,917	4,991	5,168	5,075	5,253	5,300	**5,307**	80.2
Clothing, women's	2,058	1,754	*1,689*	1,878	1,949	2,079	2,093	**2,234**	**2,234**	2,215	2,192	2,179	2,200	75.6
Corsets	5,616	*5,064*	5,129	5,161	5,239	5,356	5,448	5,681	5,929	6,067	6,064	6,118	**6,136**	82.5
Cotton goods	15,647	15,282	15,347	15,639	*15,157*	15,351	15,470	15,873	15,617	15,751	15,971	16,029	**16,277**	93.1
Cutlery and edge tools	3,424	*3,281*	3,347	3,371	3,374	3,528	3,529	3,335	3,431	3,429	3,446	3,466	**3,551**	92.4
Dyeing and finishing textiles, exclusive of that done in textile mills	1,918	*1,444*	1,592	1,616	1,681	1,777	1,917	2,051	2,088	2,083	2,210	2,262	**2,295**	62.9
Electrical machinery, apparatus, and supplies	11,403	10,529	10,411	9,759	*9,648*	10,168	10,797	11,442	11,706	12,218	12,864	13,466	**13,828**	69.8
Firearms	4,561	**8,075**	5,681	4,949	4,504	4,369	3,827	3,652	*3,615*	3,821	4,153	4,129	3,957	44.8
Foundry and machine-shop products	20,148	*18,704*	19,173	19,269	19,287	19,251	19,493	20,015	20,292	20,932	21,239	21,711	**22,410**	83.5
Hardware	18,614	17,688	17,654	*17,443*	17,522	17,816	17,982	18,501	18,929	19,339	19,631	20,286	**20,577**	84.8
Hats, fur-felt	4,580	*3,787*	3,815	3,831	3,944	4,244	4,512	4,799	5,105	5,131	5,234	5,166	**5,392**	70.2
Iron and steel, steel works and rolling mills	2,468	**2,824**	2,583	2,555	2,403	2,187	2,265	2,315	*2,182*	2,381	2,503	2,706	2,712	77.3
Iron and steel, forgings, not made in steel works or rolling mills	2,489	2,599	2,448	2,334	*2,302*	2,303	2,319	2,347	2,335	2,501	2,618	2,797	**2,965**	77.6
Knit goods	2,649	*2,500*	2,573	2,579	2,587	2,606	2,622	**2,738**	2,716	2,726	2,702	2,721	2,718	91.3
Machine tools	5,472	**5,926**	5,511	5,329	*5,087*	5,138	5,398	5,419	5,282	5,369	5,564	5,724	5,917	85.8
Needles, pins, and hooks and eyes	4,037	3,941	3,959	4,054	3,971	*3,929*	3,981	4,009	4,086	4,093	4,094	4,144	**4,183**	93.9
Paper and wood pulp	1,999	1,965	*1,837*	1,903	1,910	1,990	1,963	1,990	2,035	2,096	2,077	2,117	**2,195**	83.7
Plated ware	5,192	*4,111*	4,567	4,850	4,954	5,143	5,121	5,220	5,578	5,585	5,631	5,747	**5,797**	70.9
Rubber tires, tubes, and rubber goods, not elsewhere specified	5,060	4,670	4,728	4,756	*4,666*	4,874	5,035	5,125	4,952	5,092	5,407	5,585	**5,830**	80.0
Screws, wood	2,245	2,289	**2,361**	2,327	2,257	2,246	2,261	2,287	2,256	2,186	*2,140*	2,164	2,166	90.6
Sewing machines and attachments	2,724	2,578	2,590	2,608	*2,547*	2,548	2,635	2,708	2,749	2,806	2,960	2,970	**2,989**	85.2
Silk goods	11,254	*10,147*	10,310	10,617	10,932	11,268	11,487	11,596	11,697	11,721	11,772	11,813	11,688	85.9
Stamped and enameled ware, not elsewhere specified	2,288	**2,557**	2,463	2,310	2,138	2,157	*2,123*	2,227	2,222	2,250	2,276	2,345	2,388	83.0
Steam fittings and steam and hot-water heating apparatus	4,260	4,545	4,318	4,148	4,020	3,872	*3,846*	3,866	4,011	4,265	4,549	4,755	**4,925**	78.1
Suspenders, garters, and elastic woven goods	3,426	3,173	*3,053*	3,129	3,167	3,329	3,350	3,664	3,658	3,711	3,696	3,687	3,495	82.3
Tools, not elsewhere specified	3,373	3,312	3,349	3,338	*3,286*	3,305	3,355	3,296	3,291	3,362	3,458	3,541	**3,583**	91.7
Typewriters and parts	6,539	6,355	6,368	6,437	6,531	6,615	6,628	6,755	*5,553*	5,837	6,898	7,143	**7,348**	75.6
Woolen goods	5,351	4,644	*4,434*	4,586	5,021	5,439	5,712	5,835	5,552	5,625	5,464	5,894	**6,006**	73.8
Worsted goods	2,447	2,147	*2,025*	2,203	2,413	2,469	2,552	2,676	2,664	2,736	2,187	2,540	**2,752**	73.6
All other industries	73,710	70,629	71,469	72,683	73,171	73,767	74,142	68,147	*68,067*	76,388	77,789	78,840	**79,428**	85.7
Industries showing large proportion of females.														
Ammunition	3,810	4,554	4,420	**4,583**	4,154	3,697	3,486	3,343	*3,194*	3,237	3,417	3,747	3,888	69.7
Boots and shoes, rubber	2,894	2,980	3,084	2,917	2,750	*2,724*	2,839	2,911	2,895	2,862	2,943	2,956	2,867	88.3
Boxes, paper and other, not elsewhere specified	1,300	1,245	*1,179*	1,253	1,253	1,245	1,323	1,302	1,333	1,323	1,327	1,394	**1,423**	82.9
Brass, bronze, and copper products	3,729	**5,919**	4,980	3,822	3,180	*3,011*	3,058	3,270	3,377	3,294	3,486	3,604	3,747	50.9
Clocks	1,474	*1,277*	1,381	1,398	1,436	1,470	1,473	1,496	1,497	1,520	1,567	1,586	**1,587**	80.5
Clothing, women's	1,804	1,472	*1,414*	1,615	1,696	1,859	1,895	1,973	**1,983**	1,970	1,926	1,914	1,931	71.3
Corsets	4,703	*4,202*	4,255	4,277	4,361	4,455	4,532	4,751	5,004	5,131	5,122	**5,173**	**5,173**	81.2
Cotton goods	6,459	6,436	6,390	6,452	*6,225*	6,287	6,370	6,528	6,400	6,508	6,599	6,612	**6,701**	92.9
Electrical machinery, apparatus, and supplies	4,036	3,643	3,539	3,149	*3,078*	3,438	3,922	4,115	4,203	4,485	4,832	4,997	**5,031**	61.2
Foundry and machine-shop products	1,133	1,133	1,136	*1,057*	1,073	1,140	1,104	1,161	1,127	1,167	1,162	1,140	**1,196**	88.4
Hardware	3,700	3,552	3,448	*3,430*	3,465	3,473	3,502	3,613	3,728	3,846	3,977	4,176	**4,190**	81.9
Hats, fur-felt	1,035	897	877	*871*	903	964	988	1,038	1,101	1,150	1,184	1,190	**1,287**	69.3
Knit goods	1,709	*1,597*	1,650	1,669	1,663	1,679	1,685	**1,775**	1,754	1,766	1,752	1,764	1,754	90.0
Needles, pins, and hooks and eyes	1,797	*1,723*	1,762	1,835	1,793	1,765	1,781	1,834	**1,866**	1,842	1,806	1,785	1,772	92.3
Plated ware	991	*816*	920	947	981	968	969	988	1,012	1,048	1,055	1,093	**1,095**	74.5
Rubber tires, tubes, and rubber goods, not elsewhere specified	857	921	875	862	836	853	860	804	*748*	820	873	898	**934**	80.1
Screws, wood	566	588	629	620	581	585	581	579	590	538	503	501	*497*	79.0
Sewing machines and attachments	416	436	432	417	403	*382*	413	410	401	399	424	437	**438**	87.2
Silk goods	4,893	*4,574*	4,625	4,695	4,775	4,864	4,928	5,007	5,001	5,017	5,070	**5,084**	5,076	90.0
Stamped and enameled ware, not elsewhere specified	909	1,080	1,027	918	840	867	*838*	852	879	888	888	914	917	77.6
Suspenders, garters, and elastic woven goods	1,978	1,845	*1,785*	1,834	1,852	1,890	1,953	2,067	2,117	**2,145**	2,141	2,137	1,970	83.2
Typewriters and parts	1,539	1,675	1,624	1,542	1,514	1,543	1,511	1,518	*1,317*	1,359	1,563	1,634	1,668	78.6
Woolen goods	1,369	1,233	*1,145*	1,209	1,281	1,345	1,484	1,483	1,422	1,428	1,365	1,506	**1,529**	74.8
Worsted goods	856	768	*739*	809	853	879	886	919	852	922	809	874	**962**	76.8
Total for cities	216,701	221,226	212,739	208,826	*205,044*	206,612	209,652	208,040	208,837	220,689	227,698	233,510	**237,539**	86.3
Males	164,646	168,950	161,948	159,405	*156,900*	158,099	160,405	157,921	158,119	166,455	172,108	176,016	**179,426**	87.4
Females	52,055	52,276	50,791	49,421	*48,144*	48,513	49,247	50,119	50,718	54,234	55,590	57,494	**58,113**	82.8
ANSONIA	6,102	6,530	5,738	*5,418*	5,478	5,636	5,543	5,785	6,189	6,479	6,693	6,757	**6,978**	77.6
Males	5,340	5,545	5,057	*4,736*	4,770	4,917	4,824	5,082	5,452	5,715	5,901	5,943	**6,138**	77.2
Females	762	**985**	*681*	682	708	719	719	703	737	764	792	814	840	69.1
BRIDGEPORT	42,862	45,237	43,080	42,544	41,306	41,002	41,709	36,768	*36,280*	44,217	46,211	47,347	**48,643**	74.6
Males	32,610	**35,813**	34,001	33,587	32,747	32,282	32,752	27,587	*27,041*	32,136	33,793	34,253	35,328	75.5
Females	10,252	**9,424**	9,079	8,957	*8,559*	8,720	8,957	9,181	9,239	12,081	12,418	13,094	**13,315**	64.3
BRISTOL	7,592	*6,686*	6,839	7,063	7,267	7,415	7,401	7,702	7,950	8,155	8,101	8,250	**8,275**	80.8
Males	6,310	*5,447*	5,586	5,874	6,055	6,118	6,131	6,413	6,607	6,842	6,796	6,931	6,920	78.6
Females	1,282	1,239	1,253	*1,189*	1,212	1,297	1,270	1,289	1,343	1,313	1,305	1,319	**1,355**	87.7

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.	
DANBURY	5,033	*4,299*	4,329	4,375	4,451	4,646	4,987	5,264	5,492	**5,474**	5,576	5,687	**5,816**	73.9
Males	3,538	*3,021*	3,059	3,087	3,063	3,227	3,476	3,684	3,878	3,858	3,933	4,044	**4,126**	73.2
Females	1,495	1,278	*1,270*	1,288	1,388	1,419	1,511	1,580	1,614	1,616	1,643	1,643	**1,690**	75.1
DERBY	1,567	1,577	**1,628**	1,620	1,561	1,588	1,607	1,530	1,510	*1,484*	1,504	1,582	1,613	91.2
Males	1,255	1,284	**1,312**	1,302	1,245	1,282	1,294	1,209	1,190	*1,176*	1,208	1,268	1,290	89.6
Females	312	*293*	316	318	316	306	313	321	320	308	296	314	**323**	90.7
HARTFORD	26,264	26,984	25,176	24,922	*24,853*	25,349	25,781	26,125	25,139	25,930	27,663	28,422	**28,824**	86.2
Males	21,441	22,034	20,533	20,392	*20,361*	20,762	21,159	21,316	20,444	21,074	22,581	23,136	**23,500**	86.6
Females	4,823	4,950	4,643	4,530	*4,492*	4,587	4,622	4,809	4,695	4,856	5,082	5,286	**5,324**	84.4
MERIDEN	8,794	*7,682*	7,980	8,342	8,569	8,658	8,731	9,128	9,280	9,183	9,285	9,317	**9,373**	82.0
Males	6,634	*5,733*	5,990	6,298	6,450	6,530	6,603	6,899	7,077	6,919	6,986	7,026	**7,097**	80.8
Females	2,160	*1,949*	1,990	2,044	2,119	2,128	2,128	2,229	2,203	2,264	2,299	2,291	**2,276**	84.8
MIDDLETOWN	3,985	3,822	*3,635*	3,709	3,761	3,762	3,866	4,221	4,172	4,118	4,160	4,264	**4,330**	83.9
Males	2,445	2,291	*2,229*	2,282	2,325	2,352	2,416	**2,655**	2,535	2,505	2,536	2,596	2,618	84.0
Females	1,540	1,531	*1,406*	1,427	1,436	1,410	1,450	1,566	1,637	1,613	1,624	1,668	**1,712**	82.1
NAUGATUCK	5,030	4,900	5,002	4,978	4,869	*4,841*	5,130	5,211	5,065	4,877	5,109	**5,232**	5,146	92.5
Males	3,384	3,277	3,342	3,381	3,271	3,269	3,462	3,486	3,372	*3,236*	3,435	**3,546**	3,531	91.3
Females	1,646	1,623	1,660	1,597	1,598	*1,572*	1,668	**1,725**	1,693	1,641	1,674	1,686	1,615	91.1
NEW BRITAIN	17,212	16,967	17,104	16,545	*16,155*	16,456	16,660	16,837	17,167	17,451	17,943	18,441	**18,818**	85.8
Males	13,515	13,284	13,383	12,999	*12,703*	12,928	13,104	13,223	13,349	13,727	14,080	14,534	**14,866**	85.5
Females	3,697	3,683	3,721	3,546	*3,452*	3,528	3,556	3,614	3,818	3,724	3,863	3,907	**3,952**	87.3
NEW HAVEN	30,874	**32,978**	31,266	30,814	29,957	30,073	30,253	29,813	*28,980*	30,206	30,788	32,433	32,927	87.9
Males	22,218	**24,138**	22,476	22,180	21,578	21,647	21,770	21,443	*20,695*	21,637	22,046	23,250	23,756	85.7
Females	8,656	8,840	8,790	8,634	8,379	8,426	8,483	8,370	*8,285*	8,569	8,742	**9,183**	9,171	90.2
NEW LONDON	2,241	*1,698*	2,046	2,032	2,011	2,087	2,266	2,400	2,385	2,441	2,472	2,523	**2,531**	67.1
Males	1,494	*1,118*	1,343	1,357	1,335	1,407	1,515	1,606	1,598	1,637	**1,685**	1,662	1,665	66.4
Females	747	*580*	703	675	676	680	751	794	787	804	787	861	**866**	67.0
NORWALK	5,633	*5,134*	5,210	5,328	5,388	5,588	5,590	5,657	5,758	5,780	5,896	5,952	**6,315**	81.3
Males	3,439	3,133	*3,127*	3,166	3,207	3,339	3,419	3,467	3,565	3,558	3,655	3,691	**3,941**	79.3
Females	2,194	*2,001*	2,083	2,162	2,181	2,249	2,171	2,190	2,193	2,222	2,241	2,261	**2,374**	84.3
NORWICH	5,018	*4,110*	4,145	4,788	5,017	5,102	4,976	5,153	5,249	5,316	5,378	5,466	**5,516**	74.5
Males	3,599	*2,791*	2,854	3,419	3,642	3,714	3,568	3,674	3,791	3,847	3,911	3,988	**3,989**	70.0
Females	1,419	1,319	*1,291*	1,369	1,375	1,388	1,408	1,479	1,458	1,469	1,467	1,478	**1,527**	84.5
STAMFORD	7,939	7,438	7,280	7,394	7,285	*7,253*	7,516	7,870	8,230	8,344	8,609	8,961	**9,088**	79.8
Males	6,657	6,189	6,104	6,158	*6,096*	6,115	6,355	6,630	6,934	7,001	7,195	7,485	**7,622**	80.0
Females	1,282	1,249	1,176	1,236	1,189	*1,138*	1,161	1,240	1,296	1,343	1,414	**1,476**	1,466	77.1
TORRINGTON	6,608	6,694	6,441	6,273	6,269	*6,193*	6,425	6,344	6,572	6,827	7,040	**7,119**	7,099	87.0
Males	5,318	5,412	5,165	5,007	5,032	*4,996*	5,229	5,152	5,317	5,482	5,649	**5,689**	5,686	87.8
Females	1,290	1,282	1,276	1,266	1,237	1,197	1,196	*1,192*	1,255	1,345	1,391	**1,430**	1,413	83.4
WATERBURY	30,322	**34,865**	32,227	29,056	*27,373*	27,509	27,697	28,610	29,905	30,772	31,511	31,952	32,387	78.5
Males	23,558	**26,581**	24,537	22,331	*21,216*	21,399	21,468	22,476	23,373	24,194	24,771	24,995	25,356	79.8
Females	6,764	**8,284**	7,690	6,725	6,158	*6,110*	6,229	6,134	6,532	6,578	6,740	6,957	7,031	73.8
WILLIMANTIC	3,625	3,625	3,613	3,625	3,474	*3,454*	3,514	3,622	3,514	3,635	3,759	3,805	**3,860**	89.5
Males	1,891	1,859	1,850	1,849	*1,805*	1,815	1,860	1,919	1,901	1,911	1,947	1,979	**1,997**	90.4
Females	1,734	1,766	1,763	1,776	1,669	1,639	1,654	1,703	*1,613*	1,724	1,812	1,826	**1,863**	86.6

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	292,672	19,676	10,427	69,955	81,719	20,927	82,977	5,749	1,242
	1914	226,264	(2)	(2)	18,850	27,929	38,856	121,717	16,077	2,835
	1909	210,792	(2)	(2)	6,634	11,088	33,849	117,295	38,978	2,948
Boots and shoes, rubber [3]	1919	6,439			6,439					
Boxes, paper and other, not elsewhere specified	1919	2,267	335	49	694	606	3	580		
	1914	2,196	(2)	(2)	85	970	185	933	23	
Brass, bronze, and copper products	1919	29,580	52	1,722	300	8,300	255	18,942	9	
	1914	16,781	(2)	(2)	64	4,143	358	9,328	2,888	
Bread and other bakery products	1919	2,020	58	9	1,001	213	507	63	110	59
	1914	2,014	(2)	(2)	260	83	571	250	797	53
Clocks	1919	4,925						4,925		
	1914	3,753				444	1,496	1,813		
Clothing, women's	1919	2,058	864	196	410	510	73	5		
	1914	1,337	(2)	(2)	18	245	519	547	8	
Corsets	1919	5,616	3,255	826	385	1,150				
	1914	7,298	(2)	(2)	69	2,688	81	4,460		
Cotton goods	1919	15,647	323		10,948	793		3,583		
	1914	15,093				29	6	14,942	116	
Cutlery and edge tools	1919	3,424	9		131	1,402	857	926	99	
	1914	5,008	(2)	(2)	281	251	234	2,722	1,520	
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	1,918			790	47	655	233	150	43
	1914	1,764	(2)	(2)	12		2	1,648	102	
Electrical machinery, apparatus, and supplies	1919	11,403	704	11	2,385	1,628	262	6,410	3	
	1914	5,059	(2)	(2)	4	695	735	3,625		
Firearms and ammunition	1919	17,050		5,063	3,131	8,237	505	112	2	
	1914	10,863					1,413	9,440	10	
Foundry and machine-shop products [4]	1919	26,322	1,221	2	4,646	9,299	5,083	5,685	386	
	1914	13,345	(2)	(2)	1,167	788	4,358	6,386	646	
Hardware	1919	18,614	734	8	96	8,211	317	6,620	2,628	
	1914	19,004	(2)	(2)	1,531	1,867	2,665	11,698	1,243	
Hats, fur-felt	1919	4,580	2,237	533	239	1,351		220		
	1914	5,461	(2)	(2)	1,467	2,889	354	515	236	
Iron and steel, steel works and rolling mills [3]	1919	2,468			1,360	130	61	917		
Iron and steel, forgings, not made in steel works or rolling mills.	1919	2,489	6		513	1,293	211	466		
	1914	1,573	(2)	(2)	98	514	57	903	1	
Knit goods	1919	2,649	24	25	409	908		1,283		
	1914	2,904	(2)	(2)	323	396	541	1,644		
Needles, pins, and hooks and eyes	1919	4,037				115	124	3,765	33	
	1914	3,068				127		2,189	752	
Paper and wood pulp	1919	1,999	361		225	283	226	92	364	448
	1914	1,898	(2)	(2)	100	179	79	288	417	835
Plated ware	1919	5,192			573	270	58	4,282	9	
	1914	5,402	(2)	(2)	225	1,223	1,070	2,647	237	
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	5,060		588	348	3,482	23	619		
	1914	2,485				366	184	1,568	367	
Screws, wood	1919	2,245				120	112	2,013		
	1914	2,266	(2)	(2)	1,938		141	187		
Sewing machines and attachments [4]	1919	2,724	2,070			460	194			
Silk goods	1919	11,254	214		6,911	3,339	209	581		
	1914	10,668	(2)	(2)	16		753	9,669	230	
Stamped and enameled ware, not elsewhere specified	1919	2,288	21		81	297		1,889		
	1914	2,084	(2)	(2)	87	159	99	1,334	405	
Steam fittings and steam and hot-water heating apparatus	1919	4,260	9		2,824	1,148		279		
	1914	3,371	(2)	(2)	2,451	390		530		
Suspenders, garters, and elastic woven goods	1919	3,426	35			3,350	10	31		
	1914	2,974	(2)	(2)	2	84	20	2,826	42	
Tools, not elsewhere specified	1919	3,373		12	509	1,280	36	1,325	211	
	1914	2,560	(2)	(2)	1,289	10	92	1,137	32	
Typewriters and parts	1919	6,539	111		637	1,972	3,819			
	1914	4,662				406	4,233	23		
Woolen and worsted goods	1919	7,798		139	3,860	1,780	213	1,806		
	1914	7,133				97	220	6,004	812	
All other industries	1919	73,008	7,033	1,244	20,110	19,745	7,114	15,325	1,745	692
	1914	64,240	(2)	(2)	7,363	8,886	18,390	22,461	5,193	1,947

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

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Total for cities	1919	216,701	16,507	9,916	40,140	68,301	14,214	62,622	4,046	955
	1914	159,906	(2)	(2)	16,688	24,044	33,661	75,113	8,688	1,772
ANSONIA	1919	6,102	928	.....	43	623	15	4,478	13	2
	1914	4,312	(2)	(2)	58	13	33	4,186	22	.....
BRIDGEPORT	1919	42,862	9,063	6,886	14,820	11,081	443	441	17	111
	1914	30,042	(2)	(2)	4,481	5,636	1,737	17,295	874	19
BRISTOL	1919	7,592	23	.....	34	3,736	375	3,406	15	3
	1914	4,180	(2)	(2)	26	542	484	2,896	232	.....
DANBURY	1919	5,033	2,101	735	201	1,550	57	339	6	44
	1914	5,304	(2)	(2)	1,503	1,764	455	1,246	336	.....
DERBY	1919	1,567	36	.....	357	1,120	10	27	8	9
HARTFORD	1919	26,264	845	473	5,889	8,825	8,427	1,759	31	15
	1914	17,137	(2)	(2)	1,577	2,119	10,650	2,350	258	183
MERIDEN	1919	8,794	309	19	365	1,279	156	6,576	16	74
	1914	8,166	(2)	(2)	498	1,219	928	5,291	157	73
MIDDLETOWN	1919	3,985	45	.....	980	2,364	215	307	48	26
	1914	2,389	(2)	(2)	62	23	233	1,977	85	9
NAUGATUCK	1919	5,030	1	.....	4,183	73	2	763	8	.....
	1914	3,539	(2)	(2)	394	50	2,478	256	361	.....
NEW BRITAIN	1919	17,212	87	5	176	225	129	13,924	2,650	16
	1914	14,320	(2)	(2)	4,826	1,135	3,775	4,348	153	83
NEW HAVEN	1919	30,874	1,094	495	5,522	15,416	1,112	5,945	948	342
	1914	24,993	(2)	(2)	1,920	3,483	6,890	10,819	1,022	859
NEW LONDON	1919	2,241	15	4	702	962	294	200	4	60
	1914	2,154	(2)	(2)	166	35	775	1,057	79	42
NORWALK	1919	5,633	531	1,265	1,085	2,324	80	260	65	23
	1914	4,963	(2)	(2)	204	2,824	390	1,480	27	38
NORWICH	1919	5,018	531	7	1,491	1,265	106	1,594	9	15
	1914	4,074	(2)	(2)	281	11	415	2,536	594	237
STAMFORD	1919	7,939	639	19	832	5,513	402	524	4	6
	1914	5,723	(2)	(2)	166	324	770	3,754	709	.....
TORRINGTON	1919	6,608	5	.....	29	32	34	6,364	144	.....
	1914	4,974	(2)	(2)	25	114	199	4,553	83	.....
WATERBURY	1919	30,322	239	3	394	11,829	2,324	15,277	50	206
	1914	20,189	(2)	(2)	484	4,744	3,440	7,671	3,691	159
WILLIMANTIC	1919	3,625	15	5	3,037	84	33	438	10	3
	1914	3,507	(2)	(2)	17	8	9	3,398	5	70

[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	4,872	292,672	665	2,207	4,800	837	9,486	434	13,929	240	17,345	264	42,185	112	40,149	62	43,230	51	121,548
Ammunition	3	12,489	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	469	.....	.....	2	12,020
Boots and shoes, rubber	5	6,439	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	251	.....	.....	4	6,188
Boxes, paper and other, not elsewhere specified	44	2,267	.....	2	4	10	126	20	614	9	617	2	263	.....	.....	1	643	.....	.....
Brass, bronze, and copper products	75	29,580	3	14	29	18	199	10	268	6	436	8	1,236	3	1,123	6	4,368	7	21,921
Bread and other bakery products	494	2,020	82	332	757	66	654	10	306	4	303	.....	.....	.....	.....	.....	.....	.....	.....
Clocks	8	4,925	.....	.....	.....	.....	.....	1	31	.....	.....	2	256	1	483	3	1,973	1	2,182
Clothing, women's	60	2,058	1	11	40	22	294	14	438	8	515	4	771	.....	.....	.....	.....	.....	.....
Corsets	19	5,616	.....	3	8	3	41	.....	.....	4	307	3	402	3	1,100	2	1,428	1	2,330
Cotton goods	47	15,647	.....	.....	.....	4	32	6	189	4	319	12	2,185	12	4,251	7	4,686	2	3,985
Cutlery and edge tools	37	3,424	1	8	20	4	55	7	232	7	470	6	794	3	1,027	1	826	.....	.....
Dyeing and finishing textiles, exclusive of that done in textile mills	16	1,918	.....	3	14	2	24	5	166	3	209	1	219	.....	.....	2	1,286	.....	.....
Electrical machinery, apparatus, and supplies	54	11,403	3	13	38	8	88	4	141	4	230	11	1,730	5	1,713	4	2,525	2	4,938
Firearms	9	4,561	.....	1	1	1	14	3	108	1	99	1	192	.....	.....	.....	.....	2	4,147
Foundry and machine-shop products	250	20,148	13	65	169	62	740	39	1,363	29	2,075	25	4,208	12	4,753	3	2,272	2	4,568
Hardware	64	18,614	4	6	16	9	93	14	409	8	606	7	1,063	8	2,770	2	1,720	6	11,937
Hats, fur-felt	41	4,580	3	2	3	3	54	9	324	8	561	12	1,971	3	1,134	1	533	.....	.....

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.
Iron and steel, steel works and rolling mills	7	2,468	.....	.....	.....	.....	.....	2	68	2	147	1	123	.....	.....	1	893	1	1,237
Iron and steel, forgings, not made in steel works or rolling mills	18	2,489	.....	5	16	3	47	.....	.....	3	221	4	451	1	436	2	1,318	.....	.....
Knit goods	21	2,649	1	2	4	.....	.....	4	97	2	166	9	1,430	3	952	.....	.....	.....	.....
Machine tools	33	5,472	.....	6	18	8	98	10	305	2	145	2	273	2	550	1	828	2	3,255
Needles, pins, and hooks and eyes	23	4,037	.....	3	6	4	56	4	130	5	352	4	670	.....	.....	2	1,525	1	1,298
Paper and wood pulp	44	1,999	.....	5	15	13	177	14	447	6	428	6	932	.....	.....	.....	.....	.....	.....
Plated ware	26	5,192	.....	2	7	4	40	5	178	2	190	7	1,246	3	952	2	1,495	1	1,084
Rubber tires, tubes, and rubber goods, not elsewhere specified	21	5,060	1	2	7	6	66	3	69	2	173	1	148	3	1,179	2	1,194	1	2,224
Screws, wood	5	2,245	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	595	.....	.....	.....	.....	1	1,650
Sewing machines and attachments	8	2,724	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	194	1	460	.....	.....	1	2,070
Silk goods	41	11,254	.....	1	5	7	76	10	328	5	362	11	1,763	2	586	2	1,081	3	7,053
Stamped and enameled ware, not elsewhere specified	26	2,288	.....	3	5	5	49	2	65	8	520	6	790	2	859	.....	.....	.....	.....
Steam fittings and steam and hot-water heating apparatus	11	4,260	.....	2	7	1	9	2	78	1	71	2	245	1	464	1	563	1	2,823
Suspenders, garters, and elastic woven goods	15	3,426	.....	1	1	5	73	1	31	2	145	2	436	1	287	2	1,154	1	1,299
Tools, not elsewhere specified	70	3,373	3	26	79	23	253	8	271	4	202	4	647	.....	.....	2	1,861	.....	.....
Typewriters and parts	5	6,539	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	111	2	637	.....	.....	2	5,791
Woolen goods	35	5,351	.....	1	5	.....	.....	2	69	8	635	19	3,048	5	1,594	.....	.....	.....	.....
Worsted goods	9	2,447	.....	.....	.....	.....	.....	.....	.....	4	350	2	264	2	812	.....	.....	1	1,021
All other industries	3,233	73,710	550	1,688	3,526	546	6,128	225	7,204	89	6,431	84	13,529	32	11,307	13	9,058	6	10,527
Total for cities	3,200	216,701	429	1,428	3,241	598	6,789	276	8,964	145	10,387	107	26,533	73	26,468	41	28,767	43	105,552
ANSONIA	50	6,102	12	24	57	3	23	2	59	2	145	4	645	.....	.....	2	1,387	1	3,786
BRIDGEPORT	443	42,862	45	190	456	89	1,013	40	1,347	26	1,825	21	3,209	15	5,398	4	2,281	13	27,333
BRISTOL	68	7,592	5	37	67	8	103	5	171	1	77	7	1,038	1	327	3	2,254	1	3,555
DANBURY	108	5,033	6	46	92	19	262	10	329	8	618	15	2,224	3	975	1	533	.....	.....
DERBY	46	1,567	6	20	47	7	67	5	152	5	437	2	399	1	465	.....	.....	.....	.....
HARTFORD	504	26,264	61	220	502	114	1,229	47	1,474	27	1,925	18	2,757	9	3,332	3	1,953	5	13,092
MERIDEN	162	8,794	20	70	164	31	389	13	394	10	655	7	1,250	6	1,978	4	2,880	1	1,084
MIDDLETOWN	88	3,985	10	36	87	21	252	9	272	.....	.....	10	1,725	1	350	.....	.....	1	1,299
NAUGATUCK	27	5,030	6	9	21	4	55	.....	.....	1	69	3	466	2	816	.....	.....	2	3,603
NEW BRITAIN	116	17,212	9	49	101	26	288	12	398	3	178	4	643	4	1,721	3	2,754	6	11,129
NEW HAVEN	769	30,874	162	340	758	142	1,599	58	1,884	26	1,871	20	3,169	11	3,801	6	4,199	4	13,593
NEW LONDON	91	2,241	9	50	106	16	160	7	223	2	140	6	1,086	.....	.....	1	526	.....	.....
NORWALK	132	5,633	12	51	126	26	321	19	638	10	658	9	1,611	3	1,067	2	1,212	.....	.....
NORWICH	121	5,018	9	59	126	24	272	9	281	5	430	10	1,557	3	1,054	2	1,298	.....	.....
STAMFORD	116	7,939	13	52	116	16	169	14	497	11	790	6	843	2	679	1	636	1	4,209
TORRINGTON	63	6,608	10	37	84	4	49	1	29	1	100	4	542	1	482	3	2,379	2	2,943
WATERBURY	253	30,322	30	116	277	39	439	22	688	7	469	18	2,904	10	3,670	6	4,475	5	17,400
WILLIMANTIC	43	3,625	4	22	54	9	99	3	128	.....	.....	3	465	1	353	.....	.....	1	2,526

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	4,872	4,104	4,251	292,672	226,264	210,792	$1,392,431,620	$545,471,517	$490,271,695	$706,494,421	$256,960,631	$233,012,302
Less than $5,000	1,155	1,248	1,312	659	1,213	1,629	2,825,354	2,979,306	3,047,313	1,870,771	1,898,141	1,986,061
$5,000 to $20,000	1,395	1,232	1,296	3,897	5,808	6,514	14,896,398	12,786,086	13,621,192	8,716,700	7,108,153	7,709,840
$20,000 to $100,000	1,206	861	909	13,577	18,579	19,981	54,355,667	39,487,980	40,437,942	28,409,964	20,696,093	21,893,012
$100,000 to $500,000	635	539	641	33,671	94,257	87,295	144,981,833	124,418,997	191,603,190	76,906,589	104,810,249	97,294,219
$500,000 to $1,000,000	202	118		30,617			145,474,477	85,649,445		73,658,688		
$1,000,000 and over	279	106	93	210,251	106,407	95,373	1,029,897,891	280,149,703	241,562,058	516,931,709	122,447,995	104,129,170
	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	23.7	30.4	30.9	0.2	0.5	0.8	0.2	0.5	0.6	0.3	0.7	0.9
$5,000 to $20,000	28.6	30.0	30.5	1.3	2.6	3.1	1.1	2.3	2.8	1.2	2.8	3.3
$20,000 to $100,000	24.8	21.0	21.4	4.6	8.2	9.5	3.9	7.2	8.2	4.0	8.1	9.4
$100,000 to $500,000	13.0	13.1	15.1	11.5	41.7	41.4	10.4	22.8	39.1	10.9	40.8	41.8
$500,000 to $1,000,000	4.1	2.9		10.5			10.4	15.7		10.4		
$1,000,000 and over	5.7	2.6	2.2	71.8	47.0	45.2	74.0	51.4	49.3	73.2	47.6	44.7

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
BRASS, BRONZE, AND COPPER PRODUCTS	75	67	100.0	100.0	29,580	16,781	100.0	100.0	$169,550,248	$69,353,103	100.0	100.0	$59,311,855	$15,467,331	100.0	100.0
Less than $5,000	7	9	9.3	13.4	5	8	(1)	(1)	19,681	19,853	(1)	(1)	11,592	9,638	(1)	0.1
$5,000 to $20,000	8	12	10.7	17.9	18	46	0.1	0.3	85,229	117,621	0.1	0.2	46,729	55,061	0.1	0.3
$20,000 to $100,000	19	15	25.3	22.4	210	287	0.7	1.7	1,168,075	808,203	0.7	1.2	550,938	357,218	0.9	2.3
$100,000 to $500,000	15	16	20.0	23.9	716	[2] 2,176	2.4	13.0	4,056,027	4,048,528	2.4	5.8	1,854,308	[2] 2,055,786	3.1	13.3
$500,000 to $1,000,000	8	3	10.7	4.5	931	.....	3.1	.....	5,637,158	2,252,087	3.3	3.2	1,986,502	.....	3.3	.....
$1,000,000 and over	18	12	24.0	17.9	27,700	14,264	93.6	85.0	158,584,078	62,106,811	93.5	89.5	54,861,786	12,989,628	92.5	84.0
BREAD AND OTHER BAKERY PRODUCTS	494	467	100.0	100.0	2,020	2,014	100.0	100.0	17,111,881	8,005,138	100.0	100.0	6,173,942	3,344,158	100.0	100.0
Less than $5,000	52	116	10.5	24.8	11	66	0.5	3.3	163,325	344,053	1.0	4.3	65,874	147,550	1.1	4.4
$5,000 to $20,000	206	252	41.7	54.0	263	688	13.0	34.2	2,401,862	2,632,651	14.0	32.9	949,766	1,087,626	15.4	32.5
$20,000 to $100,000	210	88	42.5	18.8	956	893	47.3	44.3	8,589,061	3,444,259	50.2	43.0	2,932,851	1,369,596	47.5	41.0
$100,000 and over	26	11	5.3	2.4	790	367	39.1	18.2	5,957,633	1,584,175	34.8	19.8	2,225,451	739,386	36.0	22.1
CLOCKS	8	9	100.0	100.0	4,925	3,753	100.0	100.0	12,904,421	4,523,975	100.0	100.0	8,784,572	2,828,539	100.0	100.0
Less than $100,000	.....	3	.....	33.3	.....	75	.....	2.0	.....	93,684	.....	2.1	.....	58,292	.....	2.1
$100,000 to $500,000	[2] 3	.....	37.5	.....	[2] 288	.....	5.8	.....	[3] 554,445	.....	4.3	.....	[2] 304,517	.....	3.5	.....
$500,000 to $1,000,000	.....	[4] 6	.....	66.7	.....	[4] 3,678	.....	98.0	.....	[4] 4,430,291	.....	97.9	.....	[4] 2,770,247	.....	97.9
$1,000,000 and over	5	.....	62.5	.....	4,637	.....	94.2	.....	12,349,976	.....	95.7	.....	8,480,055	.....	96.5	.....
CORSETS	19	21	100.0	100.0	5,616	7,298	100.0	100.0	20,674,864	12,935,805	100.0	100.0	8,377,954	5,361,242	100.0	100.0
Less than $20,000	3	4	15.8	19.0	8	27	0.1	0.4	23,918	40,438	0.1	0.3	17,213	22,628	0.2	0.4
$20,000 to $100,000	3	6	15.8	28.6	41	136	0.7	1.9	119,578	291,704	0.6	2.3	47,525	166,428	0.6	3.1
$100,000 to $500,000	[2] 6	[2] 7	31.6	33.3	[2] 638	[2] 1,530	11.4	21.0	[2] 2,360,134	[2] 3,354,002	11.4	25.9	[2] 1,076,453	[2] 1,090,388	12.8	31.5
$1,000,000 and over	7	4	36.8	19.0	4,929	5,605	87.8	76.8	18,171,234	9,249,661	87.9	71.5	7,236,763	3,481,798	86.4	64.9
COTTON GOODS	47	44	100.0	100.0	15,647	15,093	100.0	100.0	101,551,071	30,191,480	100.0	100.0	37,139,913	13,056,435	100.0	100.0
Less than $100,000	4	7	8.5	15.9	39	147	0.2	1.0	184,644	302,845	0.2	1.0	57,131	90,490	0.2	0.7
$100,000 to $500,000	10	17	21.3	38.6	526	[2] 8,294	3.4	55.0	2,322,289	5,415,185	2.3	17.9	800,317	[2] 5,621,261	2.2	43.1
$500,000 to $1,000,000	6	14	12.8	31.8	953	.....	6.1	.....	4,627,561	8,903,813	4.6	29.5	1,969,546	.....	5.3	.....
$1,000,000 and over	27	6	57.4	13.6	14,129	6,652	90.3	44.1	94,416,577	15,569,637	93.0	51.6	34,312,919	7,344,684	92.4	56.2
CUTLERY AND EDGE TOOLS	37	33	100.0	100.0	3,424	5,008	100.0	100.0	8,811,565	7,356,772	100.0	100.0	6,085,090	4,819,389	100.0	100.0
Less than $5,000	4	5	10.8	15.2	2	12	0.1	0.2	8,153	10,742	0.1	0.1	4,283	8,254	0.1	0.2
$5,000 to $20,000	5	5	13.5	15.2	24	61	0.7	1.2	45,703	68,184	0.5	0.9	30,451	55,699	0.5	1.1
$20,000 to $100,000	11	11	29.7	33.3	289	571	8.4	11.4	597,205	699,320	6.8	9.5	391,822	512,476	6.4	10.6
$100,000 to $500,000	13	[5] 12	35.1	36.4	1,256	[5] 4,364	36.7	87.1	3,174,587	[5] 6,578,526	36.0	89.4	2,340,281	[5] 4,243,560	38.5	88.0
$500,000 and over	4	.....	10.8	.....	1,853	.....	54.1	.....	4,985,917	.....	56.6	.....	3,318,253	.....	54.5	.....
DYEING AND FINISHING TEXTILES, EXCLUSIVE OF THAT DONE IN TEXTILE MILLS	16	12	100.0	100.0	1,918	1,764	100.0	100.0	8,350,098	3,503,139	100.0	100.0	4,899,979	2,048,153	100.0	100.0
Less than $20,000	.....	3	.....	25.0	.....	35	.....	2.0	.....	32,212	.....	0.9	.....	25,460	.....	1.2
$20,000 to $100,000	[6] 6	3	37.5	25.0	[6] 69	49	3.6	2.8	[6] 155,887	232,599	1.9	6.6	[6] 111,528	81,835	2.3	4.0
$100,000 to $500,000	5	3	31.3	25.0	193	[7] 1,680	10.1	95.2	1,450,743	477,676	17.4	13.6	582,898	[7] 1,940,858	11.9	94.8
$500,000 and over	5	3	31.3	25.0	1,656	.....	86.3	.....	6,743,468	2,760,652	80.8	78.8	4,205,553	.....	85.8	.....
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES	54	43	100.0	100.0	11,403	5,059	100.0	100.0	51,911,332	14,330,156	100.0	100.0	28,469,534	6,894,026	100.0	100.0
Less than $5,000	5	4	9.3	9.3	2	6	(1)	0.1	11,656	9,858	(1)	0.1	8,830	4,333	(1)	0.1
$5,000 to $20,000	9	9	16.7	20.9	32	42	0.3	0.8	113,042	109,696	0.2	0.8	75,311	64,740	0.3	0.9
$20,000 to $100,000	12	6	22.2	14.0	182	138	1.6	2.7	572,352	340,774	1.1	2.4	311,497	161,153	1.1	2.3
$100,000 to $500,000	7	12	13.0	27.9	442	[2] 3,509	3.9	69.4	1,771,478	3,479,663	3.4	24.3	971,836	[2] 4,834,604	3.4	70.1
$500,000 to $1,000,000	6	9	11.1	20.9	1,082	.....	9.5	.....	4,302,966	6,306,289	8.3	44.0	2,514,199	.....	8.8	.....
$1,000,000 and over	15	3	27.8	7.0	9,663	1,364	84.7	27.0	45,139,838	4,083,876	87.0	28.5	24,587,861	1,829,196	86.4	26.5
FIREARMS AND AMMUNITION	12	13	100.0	100.0	17,050	10,863	100.0	100.0	55,925,651	25,657,797	100.0	100.0	35,694,542	13,960,402	100.0	100.0
Less than $20,000	.....	3	.....	23.1	.....	38	.....	0.3	.....	43,309	.....	0.2	.....	29,289	.....	0.2
$20,000 to $100,000	[8] 4	.....	33.3	.....	[8] 88	.....	0.5	.....	[8] 168,744	.....	0.3	.....	[8] 136,696	.....	0.4	.....
$100,000 to $500,000	3	[8] 7	25.0	53.8	326	[8] 1,714	1.9	15.8	835,592	[8] 2,951,231	1.5	11.5	545,708	[8] 1,657,496	1.5	11.9
$1,000,000 and over	5	3	41.7	23.1	16,636	9,111	97.6	83.9	54,921,315	22,663,257	98.2	88.3	35,012,138	12,273,617	98.1	87.9
FOUNDRY AND MACHINE-SHOP PRODUCTS [9]	324	239	100.0	100.0	26,322	13,345	100.0	100.0	100,388,227	24,558,098	100.0	100.0	68,785,170	15,386,703	100.0	100.0
Less than $5,000	43	45	13.3	18.8	23	50	0.1	0.4	108,518	109,586	0.1	0.4	82,161	78,546	0.1	0.5
$5,000 to $20,000	72	67	22.2	28.0	277	392	1.1	2.9	819,070	729,851	0.8	3.0	560,703	494,099	0.8	3.2
$20,000 to $100,000	91	71	28.1	29.7	1,388	1,815	5.3	13.6	4,385,056	3,370,021	4.4	13.7	2,921,607	2,095,896	4.2	13.6
$100,000 to $500,000	76	45	23.5	18.8	4,909	[2] 8,078	18.6	60.5	17,458,013	9,850,710	17.4	40.1	11,887,807	[2] 9,185,384	17.2	59.7
$500,000 to $1,000,000	19	8	5.9	3.3	3,357	.....	12.8	.....	13,716,396	5,052,579	13.7	20.6	9,204,394	.....	13.4	.....
$1,000,000 and over	23	3	7.1	1.3	16,368	3,010	62.2	22.6	63,901,174	5,445,351	63.7	22.2	44,158,498	3,532,778	64.2	23.0
GAS, ILLUMINATING AND HEATING	22	27	100.0	100.0	1,270	1,209	100.0	100.0	8,346,845	4,745,720	100.0	100.0	5,157,231	3,274,687	100.0	100.0
Less than $5,000	.....	4	.....	14.8	.....	4	.....	0.3	.....	12,444	.....	0.3	.....	4,814	.....	0.1
$5,000 to $20,000	.....	3	.....	11.1	.....	7	.....	0.6	.....	40,371	.....	0.8	.....	16,216	.....	0.5
$20,000 to $100,000	[6] 8	10	36.4	37.0	[6] 65	152	5.1	12.6	[6] 370,575	502,076	4.4	10.6	[6] 205,530	323,267	4.0	9.9
$100,000 to $500,000	10	7	45.5	25.9	427	[7] 1,046	33.6	86.5	2,224,492	1,453,139	26.7	30.6	1,268,519	[7] 2,930,390	24.6	89.5
$500,000 and over	4	3	18.2	11.1	778	.....	61.3	.....	5,751,778	2,737,690	68.9	57.7	3,683,182	.....	71.4	.....
HARDWARE	64	68	100.0	100.0	18,614	19,004	100.0	100.0	61,751,355	28,808,363	100.0	100.0	41,547,155	18,782,620	100.0	100.0
Less than $5,000	6	6	9.4	8.8	4	12	(1)	0.1	18,651	21,367	(1)	0.1	11,386	13,583	(1)	0.1
$5,000 to $20,000	7	8	10.9	11.8	36	62	0.2	0.3	88,678	94,833	0.1	0.3	52,031	46,460	0.1	0.2
$20,000 to $100,000	12	22	18.8	32.4	233	613	1.3	3.2	740,916	1,196,120	1.2	4.2	445,970	655,355	1.1	3.5
$100,000 to $500,000	20	20	31.2	29.4	1,361	[2] 4,363	7.3	23.0	4,935,014	5,521,610	8.0	19.2	2,906,884	[2] 4,431,430	7.0	23.6
$500,000 to $1,000,000	5	3	7.8	4.4	1,125	.....	6.0	.....	3,835,992	1,901,128	6.2	6.6	2,693,586	.....	6.5	.....
$1,000,000 and over	14	9	21.9	13.2	15,855	13,954	85.2	73.4	52,132,104	20,073,305	84.4	69.7	35,437,298	13,635,792	85.3	72.6

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

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
HATS, FUR-FELT	41	58	100.0	100.0	4,580	5,461	100.0	100.0	$23,152,468	$9,475,778	100.0	100.0	$10,947,702	$4,842,504	100.0	100.0
Less than $5,000	.....	9	.....	15.5	.....	10	.....	0.2	.....	13,960	.....	0.1	.....	6,799	.....	0.1
$5,000 to $20,000	.....	7	.....	12.1	.....	46	.....	0.8	.....	68,587	.....	0.7	.....	33,723	.....	0.7
$20,000 to $100,000	[1] 6	16	14.6	27.6	[1] 28	628	0.6	11.5	[1] 91,749	855,246	0.4	9.0	[1] 33,235	347,743	0.3	7.2
$100,000 to $500,000	18	23	43.9	39.7	881	[2] 4,777	19.2	87.5	4,332,422	5,183,428	18.7	54.7	1,672,430	[2] 4,454,239	15.3	92.0
$500,000 to $1,000,000	11	[3] 3	26.8	5.2	1,634	.....	35.7	.....	7,937,094	[3] 3,354,557	34.3	35.4	3,912,457	.....	35.7	.....
$1,000,000 and over	6	.....	14.6	.....	2,037	.....	44.5	.....	10,791,203	.....	46.6	.....	5,329,580	.....	48.7	.....
IRON AND STEEL, FORGINGS, NOT MADE IN STEEL WORKS OR ROLLING MILLS	18	17	100.0	100.0	2,489	1,573	100.0	100.0	13,682,582	4,559,897	100.0	100.0	8,454,066	2,677,319	100.0	100.0
Less than $20,000	5	4	27.8	23.5	21	10	0.8	0.6	71,447	25,277	0.5	0.6	34,412	15,407	0.4	0.6
$20,000 to $100,000	3	3	16.7	17.6	42	55	1.7	3.5	214,054	105,485	1.6	2.3	118,813	58,295	1.4	2.2
$100,000 to $500,000	4	7	22.2	41.2	349	[2] 1,508	14.0	95.9	1,574,832	1,320,490	11.5	29.0	1,007,983	[2] 2,603,617	11.9	97.2
$500,000 to $1,000,000	3	[3] 3	16.7	17.6	323	.....	13.0	.....	2,282,554	[3] 3,108,645	16.7	68.2	1,201,646	.....	14.2	.....
$1,000,000 and over	3	.....	16.7	.....	1,754	.....	70.5	.....	9,539,695	.....	69.7	.....	6,091,212	.....	72.1	.....
KNIT GOODS	21	25	100.0	100.0	2,649	2,904	100.0	100.0	9,332,776	5,221,683	100.0	100.0	3,983,556	2,495,112	100.0	100.0
Less than $20,000	3	5	14.3	20.0	23	37	0.9	1.3	21,457	45,844	0.2	0.9	16,822	30,711	0.4	1.2
$20,000 to $100,000	3	4	14.3	16.0	54	64	2.0	2.2	207,364	157,860	2.2	3.0	67,261	73,341	1.7	2.9
$100,000 to $500,000	8	13	38.1	52.0	838	[4] 2,803	31.6	96.5	2,510,743	3,061,148	26.9	58.6	1,324,635	[4] 2,391,060	33.3	95.8
$500,000 and over	7	3	33.3	12.0	1,734	.....	65.5	.....	6,593,212	1,956,831	70.6	37.5	2,574,838	.....	64.6	.....
NEEDLES, PINS, AND HOOKS AND EYES	23	12	100.0	100.0	4,037	3,068	100.0	100.0	13,904,286	5,108,556	100.0	100.0	8,286,843	2,769,103	100.0	100.0
Less than $20,000	3	.....	13.0	.....	6	.....	0.1	.....	21,748	.....	0.2	.....	17,034	.....	0.2	.....
$20,000 to $100,000	6	[1] 5	26.1	41.7	164	[1] 67	4.1	2.2	348,214	[1] 123,248	2.5	2.4	237,026	[1] 41,768	2.9	1.5
$100,000 to $500,000	8	4	34.8	33.3	488	[2] 3,001	12.1	97.8	1,833,442	1,347,907	13.2	26.4	1,041,238	[2] 2,727,335	12.6	98.5
$500,000 and over	6	3	26.1	25.0	3,379	.....	83.7	.....	11,700,882	3,637,401	84.2	71.2	6,991,545	.....	84.4	.....
PAPER AND WOOD PULP	44	44	100.0	100.0	1,999	1,898	100.0	100.0	12,939,103	5,968,797	100.0	100.0	4,722,484	1,961,803	100.0	100.0
$5,000 to $20,000	6	6	13.6	13.6	21	53	1.1	2.8	64,224	88,325	0.5	1.5	29,033	42,004	0.6	2.1
$20,000 to $100,000	13	19	29.5	43.2	217	395	10.9	20.8	830,850	951,565	6.4	15.9	350,995	343,103	7.4	17.5
$100,000 to $500,000	17	16	38.6	36.4	709	[4] 1,450	35.5	76.4	3,757,915	3,050,726	29.0	51.1	1,667,442	[4] 1,576,696	35.3	80.4
$500,000 to $1,000,000	4	3	9.1	6.8	382	.....	19.1	.....	2,601,807	1,878,181	20.1	31.5	757,395	.....	16.0	.....
$1,000,000 and over	4	.....	9.1	.....	670	.....	33.5	.....	5,684,217	.....	43.9	.....	1,917,619	.....	40.6	.....
PLATED WARE	26	26	100.0	100.0	5,192	5,402	100.0	100.0	22,661,966	11,942,797	100.0	100.0	12,657,236	6,269,498	100.0	100.0
$5,000 to $20,000	4	3	15.4	11.5	24	29	0.5	0.5	58,736	28,442	0.3	0.2	34,906	16,257	0.3	0.3
$20,000 to $100,000	4	6	15.4	23.1	85	169	1.6	3.1	191,783	276,557	0.8	2.3	113,978	164,876	0.9	2.6
$100,000 to $500,000	7	[4] 13	26.9	50.0	641	[4] 1,909	12.3	35.3	2,141,083	[4] 3,411,431	9.4	28.6	1,090,196	[4] 1,926,875	8.6	30.7
$500,000 to $1,000,000	5	.....	19.2	.....	911	.....	17.5	.....	3,250,930	.....	14.3	.....	1,949,377	.....	15.4	.....
$1,000,000 and over	6	4	23.1	15.4	3,531	3,295	68.0	61.0	17,019,434	8,226,367	75.1	68.9	9,468,779	4,161,490	74.8	66.4
RUBBER TIRES, TUBES, AND RUBBER GOODS, NOT ELSEWHERE SPECIFIED	21	18	100.0	100.0	5,060	2,485	100.0	100.0	33,927,913	10,187,757	100.0	100.0	15,695,396	4,542,915	100.0	100.0
$5,000 to $20,000	5	.....	23.8	.....	22	.....	0.4	.....	55,517	.....	0.2	.....	27,811	.....	0.2	.....
$20,000 to $100,000	3	[5] 8	14.3	44.4	42	[5] 80	0.8	3.2	118,804	[5] 268,885	0.4	2.6	40,998	[5] 93,553	0.3	2.1
$100,000 to $500,000	5	4	23.8	22.2	160	[2] 2,405	3.2	96.8	865,749	709,872	2.5	7.0	430,958	[2] 4,449,362	2.7	97.9
$500,000 to $1,000,000	3	[3] 6	14.3	33.3	586	.....	11.6	.....	2,024,574	[3] 9,209,000	6.0	90.4	1,050,961	.....	6.7	.....
$1,000,000 and over	5	.....	23.8	.....	4,250	.....	84.0	.....	30,863,269	.....	91.0	.....	14,144,668	.....	90.1	.....
SILK GOODS	41	44	100.0	100.0	11,254	10,668	100.0	100.0	68,053,429	30,591,825	100.0	100.0	30,527,560	12,185,573	100.0	100.0
Less than $5,000	.....	3	.....	6.8	.....	3	.....	(6)	.....	6,016	.....	(6)	.....	3,193	.....	(6)
$5,000 to $20,000	3	6	7.3	13.6	28	107	0.2	1.0	44,090	71,863	0.1	0.2	39,380	53,602	0.1	0.4
$20,000 to $100,000	12	9	29.3	20.5	291	353	2.6	3.3	526,359	451,729	0.8	1.5	316,521	241,706	1.1	2.0
$100,000 to $500,000	8	11	19.5	25.0	500	[2] 2,496	4.4	23.4	2,151,583	2,962,220	3.2	9.7	915,943	[4] 2,393,808	3.0	19.6
$500,000 to $1,000,000	6	6	14.6	13.6	772	.....	6.9	.....	4,953,020	4,031,989	7.3	13.2	2,065,467	.....	6.8	.....
$1,000,000 and over	12	9	29.3	20.5	9,663	7,709	85.9	72.3	60,378,377	23,068,008	88.7	75.4	27,160,249	9,493,264	89.0	77.9
STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS	11	14	100.0	100.0	4,260	3,371	100.0	100.0	17,401,135	6,454,482	100.0	100.0	10,913,616	3,748,641	100.0	100.0
Less than $100,000	3	4	27.3	28.6	17	33	0.4	1.0	57,307	92,330	0.3	1.4	34,962	55,175	0.3	1.5
$100,000 to $500,000	3	[3] 10	27.3	71.4	149	[3] 3,338	3.5	99.0	666,162	[3] 6,362,152	3.8	98.6	383,141	[3] 3,693,466	3.5	98.5
$500,000 and over	5	.....	45.5	.....	4,094	.....	96.1	.....	16,677,666	.....	95.8	.....	10,495,513	.....	96.2	.....
SUSPENDERS, GARTERS, AND ELASTIC WOVEN GOODS	15	13	100.0	100.0	3,426	2,974	100.0	100.0	16,965,529	6,064,454	100.0	100.0	6,703,474	2,166,787	100.0	100.0
Less than $100,000	6	5	40.0	38.5	86	98	2.5	3.3	304,948	186,215	1.8	3.1	146,683	80,814	2.2	3.7
$100,000 to $500,000	[4] 5	5	33.3	38.5	[4] 647	[2] 2,876	18.9	96.7	[4] 2,793,407	1,510,501	16.5	24.9	[4] 1,113,011	[2] 2,085,973	16.6	96.3
$500,000 to $1,000,000	.....	[3] 3	.....	23.1	.....	.....	.....	.....	.....	[3] 4,367,738	.....	72.0	.....	.....	.....	.....
$1,000,000 and over	4	.....	26.7	.....	2,693	.....	78.6	.....	13,867,174	.....	81.7	.....	5,443,780	.....	81.2	.....
TOOLS, NOT ELSEWHERE SPECIFIED	70	43	100.0	100.0	3,373	2,560	100.0	100.0	12,916,145	4,184,535	100.0	100.0	8,874,465	2,753,769	100.0	100.0
Less than $5,000	12	13	17.1	30.2	14	22	0.4	0.9	32,262	38,598	0.2	0.9	23,727	29,479	0.3	1.1
$5,000 to $20,000	12	12	17.1	27.9	54	49	1.6	1.9	129,532	104,426	1.0	2.5	105,887	71,696	1.2	2.6
$20,000 to $100,000	31	8	44.3	18.6	402	243	11.9	9.5	1,278,689	359,973	9.9	8.6	855,083	218,812	9.6	7.9
$100,000 to $500,000	10	[2] 10	14.3	23.3	595	[2] 2,246	17.6	87.7	2,272,759	[2] 3,681,538	17.6	88.0	1,457,699	[2] 2,433,782	16.4	88.4
$500,000 and over	5	.....	7.1	.....	2,308	.....	68.4	.....	9,202,903	.....	71.3	.....	6,432,069	.....	72.5	.....
WOOLEN AND WORSTED GOODS	44	49	100.0	100.0	7,798	7,133	100.0	100.0	51,285,383	16,577,549	100.0	100.0	19,547,037	6,174,251	100.0	100.0
Less than $100,000	.....	7	.....	14.3	.....	203	.....	2.8	.....	369,914	.....	2.2	.....	172,908	.....	2.8
$100,000 to $500,000	[7] 8	29	18.2	59.2	[7] 439	[2] 6,930	5.6	97.2	[7] 1,819,096	7,857,909	3.5	47.4	[7] 814,430	[2] 6,001,343	4.2	97.2
$500,000 to $1,000,000	19	[3] 13	43.2	26.5	2,189	.....	28.1	.....	15,483,066	[3] 8,349,726	30.2	50.4	6,184,431	.....	31.6	.....
$1,000,000 and over	17	.....	38.6	.....	5,170	.....	66.3	.....	33,983,221	.....	66.3	.....	12,548,176	.....	64.2	.....

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

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.
ANSONIA	50	6,102	100.0	$47,736,411	100.0	$14,254,482	100.0
Less than $5,000	11	4	0.1	26,265	0.1	16,991	0.1
$5,000 to $20,000	17	32	0.5	232,219	0.5	115,539	0.8
$20,000 to $100,000	12	67	1.1	433,493	0.9	187,342	1.3
$100,000 to $500,000 [1]	5	484	7.9	1,954,199	4.1	1,154,579	8.1
$1,000,000 and over	5	5,515	90.4	45,090,235	94.5	12,780,031	89.7
BRIDGEPORT	443	42,862	100.0	208,089,797	100.0	125,776,942	100.0
Less than $5,000	80	64	0.1	213,621	0.1	145,468	0.1
$5,000 to $20,000	123	339	0.8	1,362,544	0.7	849,876	0.7
$20,000 to $100,000	118	1,129	2.6	5,106,227	2.5	2,867,393	2.3
$100,000 to $500,000	68	3,743	8.7	17,058,552	8.2	9,152,945	7.3
$500,000 to $1,000,000	22	2,962	6.9	15,604,320	7.4	7,506,131	6.0
$1,000,000 and over	32	34,625	80.8	168,744,533	81.1	105,255,129	83.7
BRISTOL	68	7,592	100.0	30,689,970	100.0	17,762,371	100.0
Less than $5,000	14	5	0.1	28,218	0.1	14,371	0.1
$5,000 to $20,000	25	48	0.6	270,284	0.9	129,246	0.7
$20,000 to $100,000	13	214	2.8	720,645	2.3	418,045	2.4
$100,000 to $500,000 [1]	11	1,189	15.7	3,806,497	12.4	2,180,853	12.3
$1,000,000 and over	5	6,136	80.8	25,864,326	84.3	14,959,856	84.5
DANBURY	108	5,033	100.0	25,744,905	100.0	11,538,947	100.0
Less than $5,000	15	10	0.2	47,598	0.2	27,491	0.2
$5,000 to $20,000	32	81	1.6	360,273	1.4	201,711	1.7
$20,000 to $100,000	21	254	5.0	1,159,756	4.5	554,204	4.8
$100,000 to $500,000	23	1,215	24.1	5,310,035	20.6	2,555,925	22.2
$500,000 to $1,000,000	11	1,679	33.4	7,709,182	29.9	3,581,150	31.0
$1,000,000 and over	6	1,794	35.6	11,158,061	43.3	4,618,466	40.0
DERBY	46	1,567	100.0	10,386,153	100.0	6,064,088	100.0
Less than $5,000	10	6	0.4	29,535	0.3	18,946	0.3
$5,000 to $20,000	13	45	2.9	153,781	1.5	95,864	1.6
$20,000 to $100,000	12	135	8.6	430,194	4.1	234,123	3.9
$100,000 to $500,000 [1]	8	640	40.8	2,892,106	27.8	1,435,152	23.7
$1,000,000 and over	3	741	47.3	6,880,537	66.2	4,280,003	70.6
HARTFORD	504	26,264	100.0	118,002,693	100.0	69,683,438	100.0
Less than $5,000	97	40	0.2	252,451	0.2	173,449	0.2
$5,000 to $20,000	138	389	1.5	1,486,421	1.3	910,763	1.3
$20,000 to $100,000	157	1,514	5.8	7,029,256	6.0	3,587,796	5.1
$100,000 to $500,000	75	3,533	13.5	16,802,198	14.2	8,939,950	12.8
$500,000 to $1,000,000	13	1,864	7.1	9,741,940	8.3	6,095,844	8.8
$1,000,000 and over	24	18,924	72.0	82,690,427	70.1	49,975,036	71.7
MERIDEN	162	8,794	100.0	34,261,304	100.0	18,609,902	100.0
Less than $5,000	31	17	0.2	80,412	0.2	51,972	0.3
$5,000 to $20,000	50	132	1.5	511,510	1.5	301,824	1.6
$20,000 to $100,000	43	570	6.5	1,886,851	5.5	1,051,268	5.6
$100,000 to $500,000	20	1,020	11.6	4,495,274	13.1	2,630,171	14.1
$500,000 to $1,000,000	8	1,617	18.4	5,189,237	15.1	2,540,814	13.7
$1,000,000 and over	10	5,438	61.8	22,098,020	64.5	12,033,853	64.7
MIDDLETOWN	88	3,985	100.0	18,158,983	100.0	7,352,036	100.0
Less than $5,000	22	12	0.3	42,811	0.2	25,472	0.3
$5,000 to $20,000	18	58	1.5	190,314	1.0	95,089	1.3
$20,000 to $100,000	25	256	6.4	1,120,498	6.2	533,371	7.3
$100,000 to $500,000	13	628	15.8	2,719,212	15.0	1,248,088	17.0
$500,000 to $1,000,000	7	1,361	34.2	4,813,342	26.5	2,113,753	28.7
$1,000,000 and over	3	1,670	41.9	9,272,806	51.1	3,336,263	45.4
NAUGATUCK	27	5,030	100.0	19,993,338	100.0	10,685,064	100.0
Less than $5,000	7	1	(2)	12,860	0.1	7,667	0.1
$5,000 to $20,000	5	11	0.2	49,694	0.2	27,602	0.3
$20,000 to $100,000	7	64	1.3	338,988	1.7	179,012	1.7
$100,000 and over	8	4,954	98.5	19,591,796	98.0	10,470,783	98.0

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

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.
NEW BRITAIN	116	17,212	100.0	$63,621,960	100.0	$41,455,903	100.0
Less than $5,000	24	15	0.1	59,192	0.1	37,633	0.1
$5,000 to $20,000	30	81	0.5	311,713	0.5	177,602	0.4
$20,000 to $100,000	32	457	2.7	1,539,399	2.4	741,933	1.8
$100,000 to $500,000	13	453	2.6	2,385,542	3.7	1,237,609	3.0
$500,000 to $1,000,000	4	672	3.9	2,819,809	4.4	1,773,435	4.3
$1,000,000 and over	13	15,534	90.3	56,506,305	88.8	37,487,691	90.4
NEW HAVEN	769	30,874	100.0	125,455,547	100.0	70,158,742	100.0
Less than $5,000	211	105	0.3	528,503	0.4	375,357	0.5
$5,000 to $20,000	225	660	2.1	2,408,853	1.9	1,490,634	2.1
$20,000 to $100,000	204	2,175	7.0	9,317,111	7.4	4,817,746	6.9
$100,000 to $500,000	89	3,879	12.6	17,954,044	14.3	9,012,547	12.8
$500,000 to $1,000,000	21	3,843	12.4	14,915,802	11.9	9,484,318	13.5
$1,000,000 and over	19	20,212	65.5	80,331,234	64.0	44,978,140	64.1
NEW LONDON	91	2,241	100.0	10,274,112	100.0	4,936,813	100.0
Less than $5,000	28	33	1.5	86,658	0.8	62,838	1.3
$5,000 to $20,000	23	82	3.7	253,303	2.5	138,107	2.8
$20,000 to $100,000	23	205	9.1	1,027,774	10.0	450,011	9.1
$100,000 to $500,000	11	658	29.4	2,627,827	25.6	1,481,522	30.0
$500,000 and over	6	1,263	56.4	6,278,550	61.1	2,804,335	56.8
NORWALK	132	5,633	100.0	25,518,505	100.0	12,545,515	100.0
Less than $5,000	21	10	0.2	49,656	0.2	32,373	0.3
$5,000 to $20,000	37	129	2.3	418,778	1.6	241,180	1.9
$20,000 to $100,000	37	546	9.7	1,784,190	7.0	962,656	7.7
$100,000 to $500,000	19	777	13.8	3,415,641	13.4	1,925,748	15.3
$500,000 to $1,000,000	13	1,969	35.0	8,947,925	35.1	4,576,257	36.5
$1,000,000 and over	5	2,202	39.1	10,902,315	42.7	4,807,301	38.3
NORWICH	121	5,018	100.0	28,625,546	100.0	13,458,350	100.0
Less than $5,000	24	23	0.5	58,765	0.2	38,172	0.3
$5,000 to $20,000	38	102	2.0	413,448	1.4	224,982	1.7
$20,000 to $100,000	30	322	6.4	1,412,242	4.9	732,563	5.4
$100,000 to $500,000	14	922	18.4	3,796,381	13.3	2,034,688	15.1
$500,000 to $1,000,000	8	972	19.4	6,111,018	21.3	2,564,536	19.1
$1,000,000 and over	7	2,677	53.3	16,833,662	58.8	7,863,409	58.4
STAMFORD	116	7,939	100.0	39,121,451	100.0	19,015,237	100.0
Less than $5,000	13	8	0.1	40,895	0.1	28,427	0.1
$5,000 to $20,000	41	112	1.4	391,959	1.0	221,730	1.2
$20,000 to $100,000	29	288	3.6	1,232,923	3.2	742,642	3.9
$100,000 to $500,000 [1]	27	1,620	20.4	6,321,644	16.2	3,411,013	17.9
$1,000,000 and over	6	5,911	74.5	31,134,030	79.6	14,611,425	76.8
TORRINGTON	63	6,608	100.0	29,240,854	100.0	12,973,823	100.0
Less than $5,000	21	9	0.1	46,465	0.2	27,581	0.2
$5,000 to $20,000	16	41	0.6	136,813	0.5	75,383	0.6
$20,000 to $100,000	14	95	1.4	658,958	2.3	269,002	2.1
$100,000 to $500,000 [1]	6	658	10.0	3,581,388	12.2	1,628,972	12.6
$1,000,000 and over	6	5,805	87.8	24,817,230	84.9	10,972,885	84.6
WATERBURY	253	30,322	100.0	130,193,040	100.0	62,881,149	100.0
Less than $5,000	50	22	0.1	134,665	0.1	79,998	0.1
$5,000 to $20,000	69	168	0.6	800,510	0.6	451,180	0.7
$20,000 to $100,000	62	564	1.9	2,738,681	2.1	1,240,233	2.0
$100,000 to $500,000	37	1,860	6.1	8,093,344	6.2	4,718,441	7.5
$500,000 to $1,000,000	13	2,379	7.8	9,673,966	7.4	5,499,483	8.7
$1,000,000 and over	22	25,329	83.5	108,751,874	83.5	50,891,814	80.9
WILLIMANTIC	43	3,625	100.0	22,986,585	100.0	11,167,356	100.0
Less than $5,000	10	6	0.2	20,562	0.1	16,461	0.1
$5,000 to $20,000	12	43	1.2	160,021	0.7	98,138	0.9
$20,000 to $100,000	11	81	2.2	423,519	1.8	240,084	2.1
$100,000 to $500,000 [1]	6	263	7.3	1,733,476	7.5	994,985	8.9
$1,000,000 and over	4	3,232	89.2	20,649,007	89.8	9,817,688	87.9

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

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

Industry and city.	Census year.	Number of establishments owned by—			Average number of wage earners.							Value of products.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	2,279	1,864	729	292,672	9,323	275,673	7,676	3.2	94.2	2.6	$1,392,431,620	$46,470,084	$1,307,239,450	$38,722,086	3.3	93.9	2.8
	1914	1,965	1,584	555	226,264	10,967	207,417	7,880	4.8	91.7	3.5	545,471,517	26,772,163	498,799,077	19,900,277	4.9	91.4	3.6
	1909	2,119	1,501	631	210,792	12,944	188,932	8,916	6.1	89.6	4.2	490,271,695	28,436,151	441,267,087	20,567,557	5.8	90.0	4.2
Brass, bronze, and copper products.	1919	20	48	7	29,580	353	29,170	57	1.2	98.6	0.2	169,550,248	1,778,516	166,575,164	1,196,568	1.0	98.2	0.7
	1914	18	42	7	16,781	341	16,385	55	2.0	97.6	0.3	69,353,103	952,446	68,258,140	142,517	1.4	98.4	0.2
Bread and other bakery products.	1919	352	55	87	2,020	967	747	306	47.9	37.0	15.1	17,111,881	8,389,804	5,829,399	2,892,678	49.0	34.1	16.9
	1914	379	31	57	2,014	1,247	505	262	61.9	25.1	13.0	8,005,138	4,721,505	2,098,724	1,184,909	59.0	26.2	14.8
Clocks	1919	.....	8	.....	4,925	.....	4,925	.....	.....	100.0	.....	12,904,421	.....	12,904,421	.....	.....	100.0	.....
	1914	.....	9	.....	3,753	.....	3,753	.....	.....	100.0	.....	4,523,975	.....	4,523,975	.....	.....	100.0	.....
Corsets	1919	4	13	2	5,616	[1] 1,198	4,418	.....	21.3	78.7	.....	20,674,864	[1] 4,604,982	16,069,882	.....	22.3	77.7	.....
	1914	4	15	2	7,298	[1] 1,516	5,782	.....	20.8	79.2	.....	12,935,805	[1] 3,030,114	9,905,691	.....	23.4	76.6	.....
Cotton goods	1919	3	41	3	15,647	[1] 269	15,378	.....	1.7	98.3	.....	101,551,071	[1] 1,837,408	99,713,663	.....	1.8	98.2	.....
	1914	6	33	5	15,093	313	13,961	819	2.1	92.5	5.4	30,191,480	811,121	27,319,466	2,060,893	2.7	90.5	6.8
Cutlery and edge tools	1919	5	29	3	3,424	40	3,359	25	1.2	98.1	0.7	8,811,565	87,163	8,669,487	54,915	1.0	98.4	0.6
	1914	6	27	.....	5,008	33	4,975	.....	0.7	99.3	.....	7,356,772	33,824	7,322,948	.....	0.5	99.5	.....
Electrical machinery, apparatus, and supplies.	1919	5	44	5	11,403	19	11,375	9	0.2	99.8	0.1	51,911,332	68,652	51,810,728	31,952	0.1	99.8	0.1
	1914	5	38	.....	5,059	23	5,036	.....	0.5	99.5	.....	14,330,156	125,908	14,204,248	.....	0.9	99.1	.....
Firearms and ammunition	1919	.....	11	1	17,050	.....	[1] 17,050	.....	.....	100.0	.....	55,925,651	.....	[1] 55,925,651	.....	.....	100.0	.....
	1914	1	12	.....	10,863	.....	[2] 10,863	.....	.....	100.0	.....	25,657,797	.....	[2] 25,657,797	.....	.....	100.0	.....
Foundry and machine-shop products.[3]	1919	88	201	35	26,322	770	25,273	279	2.9	96.0	1.1	100,388,227	2,617,879	96,800,033	970,315	2.6	96.4	1.0
	1914	64	153	22	13,345	459	12,800	86	3.4	95.9	0.6	24,558,098	844,876	23,537,540	175,682	3.4	95.8	0.7
Gas, illuminating and heating.	1919	.....	21	1	1,270	.....	[1] 1,270	.....	.....	100.0	.....	8,346,845	.....	[1] 8,346,845	.....	.....	100.0	.....
	1914	1	25	1	1,209	.....	[4] 1,209	.....	.....	100.0	.....	4,745,720	.....	[4] 4,745,720	.....	.....	100.0	.....
Hardware	1919	8	51	5	18,614	13	18,487	114	0.1	99.3	0.6	61,751,355	39,622	61,290,975	420,758	0.1	99.2	0.7
	1914	5	56	7	19,004	22	18,837	145	0.1	99.1	0.8	28,808,363	40,844	28,498,476	269,043	0.1	98.9	0.9
Hats, fur-felt	1919	9	24	8	4,580	245	3,613	722	5.3	78.9	15.8	23,152,468	1,240,407	18,317,049	3,595,012	5.4	79.1	15.5
	1914	19	33	6	5,461	538	4,437	486	9.9	81.2	8.9	9,475,778	1,063,554	7,539,623	872,601	11.2	79.6	9.2
Iron and steel forgings, not made in steel works or rolling mills.	1919	1	15	2	2,489	.....	2,423	[2] 66	.....	97.3	2.7	13,682,582	.....	13,411,316	[2] 271,266	.....	98.0	2.0
	1914	2	14	1	1,573	.....	1,566	[2] 7	.....	99.6	0.4	4,559,897	.....	4,539,736	[2] 20,161	.....	99.6	0.4
Knit goods	1919	1	18	2	2,649	.....	2,620	29	.....	98.9	1.1	9,332,776	.....	9,119,735	[2] 213,041	.....	97.7	2.3
	1914	3	18	4	2,904	13	2,849	42	0.4	98.1	1.4	5,221,683	22,020	5,082,303	117,360	0.4	97.3	2.2
Needles, pins, and hooks and eyes.	1919	4	17	2	4,037	[1] 112	3,925	.....	2.8	97.2	.....	13,904,286	[1] 283,755	13,620,531	.....	2.0	98.0	.....
	1914	1	9	2	3,068	[1] 22	3,046	.....	0.7	99.3	.....	5,108,556	[1] 30,806	5,077,750	.....	0.6	99.4	.....
Paper and wood pulp	1919	3	40	1	1,999	[1] 57	1,942	.....	2.9	97.1	.....	12,939,103	[1] 287,791	12,651,312	.....	2.2	97.8	.....
	1914	4	37	3	1,898	65	1,782	51	3.4	93.9	2.7	5,968,797	148,809	5,702,441	117,547	2.5	95.5	2.0
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	.....	19	2	5,060	.....	[1] 5,060	.....	.....	100.0	.....	33,927,913	.....	[1] 33,927,913	.....	.....	100.0	.....
	1914	2	16	.....	2,485	.....	[2] 2,485	.....	.....	100.0	.....	10,187,757	.....	[2] 10,187,757	.....	.....	100.0	.....
Silk goods	1919	6	30	5	11,254	568	10,586	100	5.0	94.1	0.9	68,653,429	3,256,528	64,654,251	142,650	4.8	95.0	0.2
	1914	8	30	6	10,668	605	9,855	208	5.7	92.4	1.9	30,591,825	1,633,023	28,637,731	321,071	5.3	93.6	1.0
Steam fittings and steam and hot-water heating apparatus.	1919	.....	11	.....	4,260	.....	4,260	.....	.....	100.0	.....	17,401,135	.....	17,401,135	.....	.....	100.0	.....
	1914	1	12	1	3,371	.....	[4] 3,371	.....	.....	100.0	.....	6,454,482	.....	[4] 6,454,482	.....	.....	100.0	.....
Suspenders, garters, and elastic woven goods.	1919	3	12	.....	3,426	27	3,399	.....	0.8	99.2	.....	16,965,529	104,278	16,861,251	.....	0.6	99.4	.....
	1914	1	11	1	2,974	.....	[4] 2,974	.....	.....	100.0	.....	6,064,454	.....	[4] 6,064,454	.....	.....	100.0	.....
Tools, not elsewhere specified.	1919	24	41	5	3,373	141	3,215	17	4.2	95.3	0.5	12,916,145	625,179	12,235,199	55,767	4.8	94.7	0.4
	1914	11	28	4	2,560	41	2,515	4	1.6	98.2	0.2	4,184,535	94,761	4,079,159	10,615	2.3	97.5	0.3
Typewriters and parts	1919	.....	5	.....	6,539	.....	6,539	.....	.....	100.0	.....	16,961,254	.....	16,961,254	.....	.....	100.0	.....
	1914	.....	7	.....	4,662	.....	4,662	.....	.....	100.0	.....	7,178,293	.....	7,178,293	.....	.....	100.0	.....
Woolen and worsted goods.	1919	2	41	1	7,798	[1] 193	7,605	.....	2.5	97.5	.....	51,285,383	[1] 1,073,532	50,211,851	.....	2.1	97.9	.....
	1914	4	40	5	7,133	475	6,331	327	6.7	88.8	4.6	16,577,549	1,131,396	14,815,716	630,437	6.8	89.4	3.8
Total for cities	1919	1,445	1,246	509	216,701	6,428	204,360	5,913	3.0	94.3	2.7	988,101,154	32,224,992	926,198,400	29,677,762	3.3	93.6	3.0
	1914	1,211	1,025	362	159,966	6,999	147,548	5,419	4.4	92.2	3.4	390,821,254	16,930,833	360,068,335	13,822,086	4.3	92.1	3.5
ANSONIA	1919	31	13	6	6,102	250	5,835	17	4.1	95.6	0.3	47,736,411	1,420,415	46,162,692	153,304	3.0	96.7	0.3
	1914	25	13	4	4,312	313	3,987	12	7.3	92.5	0.3	21,499,441	778,637	20,681,504	39,300	3.6	96.2	0.2
BRIDGEPORT	1919	181	198	64	42,862	726	41,465	671	1.7	96.7	1.6	208,089,797	3,667,244	200,516,115	3,906,438	1.8	96.4	1.9
	1914	166	187	52	30,042	918	28,848	276	3.1	96.0	0.9	85,126,193	2,631,305	81,471,162	1,023,726	3.1	95.7	1.2
BRISTOL	1919	37	24	7	7,592	114	7,468	10	1.5	98.4	0.1	30,689,970	497,821	29,906,767	285,382	1.6	97.4	0.9
	1914	55	28	7	4,180	156	3,988	36	3.7	95.4	0.9	7,898,287	401,160	7,426,426	70,701	5.1	94.0	0.9
DANBURY	1919	42	42	24	5,033	344	3,817	872	6.8	75.8	17.3	25,744,905	1,848,704	19,511,827	4,384,374	7.2	75.8	17.0
	1914	55	48	23	5,304	697	3,938	669	13.1	74.2	12.6	10,601,841	1,432,547	7,815,139	1,354,155	13.5	73.7	12.8
DERBY	1919	24	17	5	1,567	85	1,471	11	5.4	93.9	0.7	10,386,153	425,730	9,911,544	48,879	4.1	95.4	0.5

[1] Includes the group "All others."
[2] Includes the group "Individuals."
[3] Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."
[4] Includes the groups "Individuals" and "All others."

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

Industry and city.	Census year.	Number of establishments owned by—			Average number of wage earners.							Value of products.						
		Individuals.	Corporations	All others.	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.
Hartford	1919	215	190	99	26,264	1,231	24,257	776	4.7	92.4	3.0	$118,002,693	$6,635,473	$106,434,861	$4,932,359	5.6	90.2	4.2
	1914	177	143	60	17,137	1,123	15,265	749	6.6	89.1	4.4	42,831,350	2,555,638	37,758,482	2,517,230	6.0	88.2	5.9
Meriden	1919	82	64	16	8,794	390	8,302	102	4.4	94.4	1.2	34,261,304	1,908,521	32,011,363	341,420	5.6	93.4	1.0
	1914	59	56	12	8,166	301	7,771	94	3.7	95.2	1.2	16,745,924	839,168	15,732,472	174,284	5.0	93.9	1.0
Middletown	1919	35	37	16	3,985	130	3,751	104	3.3	94.1	2.6	18,158,983	609,055	17,097,506	452,422	3.4	94.2	2.5
	1914	37	25	10	2,389	107	2,187	95	4.5	91.5	4.0	5,642,667	258,805	5,124,998	258,864	4.6	90.8	4.6
Naugatuck	1919	11	15	1	5,030	14	5,016	.....	0.3	99.7	.....	19,993,338	[1] 128,829	19,864,509	.....	0.6	99.4	.....
	1914	11	15	2	3,539	[1] 35	3,504	.....	1.0	99.0	.....	9,574,602	[1] 126,414	9,448,188	.....	1.3	98.7	.....
New Britain	1919	49	54	13	17,212	175	16,978	59	1.0	98.6	0.3	63,621,960	921,306	62,132,370	568,284	1.4	97.7	0.9
	1914	64	45	11	14,320	388	13,905	27	2.7	97.1	0.2	23,227,004	866,781	22,273,246	86,977	3.7	95.9	0.4
New Haven	1919	392	245	132	30,874	1,822	26,929	2,123	5.9	87.2	6.9	125,455,547	8,049,020	108,417,151	8,989,376	6.4	86.4	7.2
	1914	253	199	86	24,993	1,499	21,319	2,175	6.0	85.3	8.7	57,751,729	3,764,005	49,090,081	4,897,643	6.5	85.0	8.5
New London	1919	39	30	22	2,241	64	2,058	119	2.9	91.8	5.3	10,274,112	412,023	9,285,551	576,538	4.0	90.4	5.6
	1914	38	29	13	2,154	101	1,881	172	4.7	87.3	8.0	4,940,004	233,086	4,548,418	158,500	4.7	92.1	3.2
Norwalk	1919	57	57	18	5,633	408	4,890	335	7.2	86.8	5.9	25,518,505	2,065,204	21,946,069	1,507,232	8.1	86.0	5.9
	1914	54	36	17	4,963	413	4,047	503	8.3	81.5	10.1	9,009,401	869,163	7,047,016	1,093,222	9.6	78.2	12.1
Norwich	1919	56	50	15	5,018	155	4,719	144	3.1	94.0	2.9	28,625,546	714,400	27,379,319	531,827	2.5	95.6	1.9
	1914	56	37	12	4,074	330	3,646	98	8.1	89.5	2.4	8,470,767	626,307	7,567,578	276,882	7.4	89.3	3.3
Stamford	1919	49	44	23	7,939	199	7,337	403	2.5	92.4	5.1	39,121,451	896,699	36,133,626	2,091,126	2.3	92.4	5.3
	1914	33	40	10	5,723	309	5,221	193	5.4	91.2	3.4	12,963,860	462,655	11,678,261	822,944	3.6	90.1	6.3
Torrington	1919	34	24	5	6,608	69	6,506	33	1.0	98.5	0.5	29,240,854	456,542	28,708,432	75,880	1.6	98.2	0.3
	1914	26	16	12	4,974	55	4,815	104	1.1	96.8	2.1	14,314,822	206,690	13,907,488	200,644	1.4	97.2	1.4
Waterbury	1919	94	127	32	30,322	220	30,044	58	0.7	99.1	0.2	130,193,040	1,347,133	128,391,242	454,665	1.0	98.6	0.3
	1914	77	93	20	20,189	208	19,893	88	1.0	98.5	0.4	50,659,162	733,056	49,674,223	251,883	1.4	98.1	0.5
Willimantic	1919	17	15	11	3,625	32	3,517	76	0.9	97.0	2.1	22,986,585	220,873	22,387,456	378,256	1.0	97.4	1.6
	1914	25	15	11	3,507	46	3,333	128	1.3	95.0	3.6	9,564,200	145,416	8,823,653	595,131	1.5	92.3	6.2

[1] 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 10,000 or over.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	18	.....	9	.....	6	.....	3	.....	.....	.....
	1914	.....	17	.....	9	.....	5	.....	3	.....	.....	.....
	1909	.....	15	.....	8	.....	5	.....	2	.....	.....	.....
Population [1]	1920	1,380,631	865,943	62.7	152,390	11.0	269,425	19.5	444,128	32.2	514,688	37.3
	1915	1,202,688	735,439	61.1	151,885	12.6	216,722	18.0	366,832	30.5	467,249	38.9
	1910	1,114,756	630,732	56.6	126,698	11.4	268,375	24.1	235,659	21.1	484,024	43.4
Number of establishments	1919	4,872	3,200	65.7	614	12.6	870	17.9	1,716	35.2	1,672	34.3
	1914	4,104	2,598	63.3	648	15.8	627	15.3	1,323	32.2	1,506	36.7
	1909	4,251	2,363	55.6	526	12.4	882	20.7	955	22.5	1,888	44.4
Average number of wage earners	1919	292,672	216,701	74.0	44,560	15.2	72,141	24.6	100,000	34.2	75,971	26.0
	1914	226,264	159,966	70.7	34,433	15.2	53,361	23.6	72,172	31.9	66,298	29.3
	1909	210,792	138,080	65.5	28,669	13.6	60,139	28.5	49,272	23.4	72,712	34.5
Value of products	1919	$1,392,431,620	$988,101,154	71.0	$233,562,745	16.8	$302,990,372	21.8	$451,548,037	32.4	$404,330,466	29.0
	1914	545,471,517	390,821,254	71.6	92,506,631	17.0	112,605,351	20.6	185,709,272	34.0	154,650,263	28.4
	1909	490,271,695	333,124,942	67.9	78,539,022	16.0	138,107,117	28.2	116,478,803	23.8	157,146,753	32.0
Value added by manufacture	1919	706,494,421	530,260,158	75.1	105,196,517	14.9	159,444,519	22.6	265,619,122	37.6	176,234,263	24.9
	1914	256,960,631	187,171,256	72.8	36,279,654	14.1	54,874,751	21.4	96,016,851	37.4	69,789,375	27.2
	1909	233,012,302	158,234,823	67.9	31,312,108	13.4	72,542,576	31.1	54,380,139	32.1	74,777,479	32.1

[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.
BRIDGEPORT.				
Foundry and machine-shop products [1]	$12,142,262	12.1	$9,342,965	333.8
Corsets	11,565,285	55.9	3,925,532	51.4
Electrical machinery, apparatus, and supplies	9,896,528	19.1	5,612,116	131.0
Brass and bronze products	9,566,020	5.6	(2)	.....
Iron and steel, forgings, not made in steel works or rolling mills	6,246,213	45.7	(2)	.....
Bread and other bakery products	3,049,433	17.8	1,900,017	165.3
Hardware	3,004,817	4.9	1,491,204	98.5
Tools, not elsewhere specified	2,107,919	16.3	(2)	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified	1,983,818	5.8	342,922	20.9
Cutlery, scissors, shears, clippers, and pocket knives	1,958,833	22.2	(2)	.....
Suspenders, garters, and elastic woven goods	1,389,924	8.2	962,813	225.4
Printing and publishing, newspapers and periodicals	1,152,414	15.3	672,987	140.4
Lumber, planing-mill products, not including planing mills connected with sawmills	1,105,021	14.8	329,755	42.5
Confectionery and ice cream	905,702	17.2	685,845	312.0
Stamped ware, not elsewhere specified	777,247	16.5	249,620	47.3
Ammunition				
Asbestos textile-mill products, not including steam packing				
Automobiles				
Clothing, men's and youths'				
Cotton lace				
Firearms				
Gas, illuminating and heating				
Iron and steel, steel works and rolling mills				
Ordnance and accessories	(2)	(2)	(2)	(2)
Phonographs and graphophones				
Plated ware				
Sewing machines and attachments				
Shipbuilding, steel, new vessels				
Silk goods				
Silversmithing and silverware				
Steam fittings and steam and hot-water heating apparatus				
Typewriters and parts				
Wire				
HARTFORD.				
Foundry and machine-shop products [3]	15,785,108	15.7	11,678,588	284.4
Electrical machinery, apparatus, and supplies	6,101,213	11.8	3,351,963	121.8
Bread and other bakery products	2,726,736	15.9	1,548,831	131.5
Printing and publishing, book and job	2,273,994	36.4	920,630	68.0
Printing and publishing, newspapers and periodicals	1,991,757	26.5	1,109,403	123.5
Liquors, malt	1,790,421	33.5	331,534	22.7
Automobile bodies and parts	1,783,964	28.8	(2)	.....
Clothing, women's	1,658,846	22.3	1,181,857	247.8
Lumber, planing-mill products, not including planing mills connected with sawmills	1,424,791	19.1	891,147	167.0
Tools, not elsewhere specified	1,131,927	8.8	1,112,861	5,836.9
Tobacco, cigars	849,494	19.7	188,457	28.5
Automobile repairing	668,756	14.7	.....	.....
Confectionery and ice cream	638,193	12.1	(2)	.....
Belting, leather				
Boots and shoes, not including rubber boots and shoes				
Brushes				
Dental goods				
Engines, steam, gas, and water				
Fertilizers				
Firearms				
Gas, illuminating and heating				
Iron and steel, steel works and rolling mills	(2)	(2)	(2)	(2)
Iron and steel, forgings, not made in steel works or rolling mills				
Iron and steel, cut nails and spikes, not made in steel works or rolling mills				
Rubber tires, tubes, and rubber goods, not elsewhere specified				
Screws, machine				
Steam fittings and steam and hot-water heating apparatus				
Typewriters and parts				
NEW BRITAIN.				
Hardware	$20,782,720	33.7	$11,844,427	132.5
Foundry and machine-shop products	8,996,368	9.0	7,128,045	381.5
Bread and other bakery products	749,285	4.4	382,943	104.0
Electrical machinery, apparatus, and supplies				
Furniture, metal				
Hardware, saddlery				
Knit goods				
Screws, wood	(2)	(2)	(2)	(2)
Stamped ware, not elsewhere specified				
Steam fittings and steam and hot-water heating apparatus				
Tools, not elsewhere specified				
NEW HAVEN.				
Hardware	8,497,119	13.8	(2)	.....
Corsets	5,160,775	25.0	(2)	.....
Foundry and machine-shop products [4]	4,498,145	4.5	3,241,299	257.9
Bread and other bakery products	3,367,874	19.7	1,841,745	120.7
Automobile bodies and parts	3,099,501	50.0	1,726,061	125.7
Paper and wood pulp	2,426,646	18.8	(2)	.....
Tobacco, cigars	2,270,666	52.7	838,568	58.6
Confectionery and ice cream	1,998,429	38.0	1,085,788	119.0
Printing and publishing, book and job	1,790,064	28.7	940,313	110.7
Liquors, malt	1,620,589	30.4	317,828	24.4
Printing and publishing, newspapers and periodicals	1,497,585	19.9	681,899	83.6
Tools, not elsewhere specified	1,064,852	8.2	515,619	93.9
Automobile repairing	931,319	20.5	(2)	.....
Lumber, planing-mill products, not including planing mills connected with sawmills	913,729	12.2	286,577	45.7
Screws, machine	833,794	25.5	(2)	.....
Clothing, women's	828,740	11.2	(2)	.....
Furniture	822,556	32.1	613,827	294.1
Brass, bronze, and copper products	733,285	0.4	(2)	.....
Wirework, not elsewhere specified	688,629	*30.0	(2)	.....
Food preparations, not elsewhere specified	614,825	35.7	294,897	92.2
Clothing, men's	590,915	21.8	493,033	503.7
Ammunition				
Boots and shoes, rubber				
Boxes, set-up paper boxes and cartons				
Cars and general shop construction and repairs by steam-railroad companies				
Clocks				
Dyeing and finishing textiles, exclusive of that done in textile mills				
Gas, illuminating and heating	(2)	(2)	(2)	(2)
Hardware, saddlery				
Ordnance and accessories				
Perfumery and cosmetics				
Rubber tires, tubes, and rubber goods, not elsewhere specified				
Slaughtering and meat packing				
Toys and games				
Wire				
WATERBURY.				
Brass, bronze, and copper products	86,483,986	51.0	53,859,799	165.1
Foundry and machine-shop products	7,690,482	7.7	4,308,011	127.4
Needles, pins, and hooks and eyes	7,013,062	50.4	(2)	.....
Stamped ware, not elsewhere specified	1,980,670	26.7	913,455	85.6
Bread and other bakery products	1,316,774	7.7	757,917	135.6
Buttons	1,292,463	66.1	(2)	.....
Printing and publishing, newspapers and periodicals	561,552	7.5	290,934	107.5
Electrical machinery, apparatus, and supplies				
Hardware				
Instruments, professional and scientific				
Lamps				
Plated ware, knives, forks, spoons, and other flat ware	(2)	(2)	(2)	(2)
Pumps, not including power pumps				
Watches				

[1] Includes "machine tools," to the value of $6,038,480; and "iron and steel, tempering and welding," $41,170.
[2] Figures can not be shown without disclosing individual operations.
[3] Includes "machine tools," to the value of $9,187,037; and "iron and steel, welding," $15,685.
[4] Includes "machine tools," to the value of $1,203,178; and "iron and steel, welding," $44,432.

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	26,334	11,239	7,357	664,691	453,812	400,275	100.0	100.0	100.0
Owned	2,929	3,439	3,930	421,926	388,371	362,217	63.5	85.6	90.5
Steam [1]	1,777	2,270	2,574	340,746	303,799	275,439	51.3	66.9	68.8
Engines	1,601	(2)	(2)	230,934	(2)	(2)	34.7	.....	.....
Turbines	176	(2)	(2)	109,812	(2)	(2)	16.5	.....	.....
Internal-combustion engines	481	437	460	10,928	17,770	12,844	1.6	3.9	3.2
Water	671	732	896	70,252	66,802	73,934	10.6	14.7	18.5
Water wheels and turbines	661	717	869	70,140	66,742	73,697	10.6	14.7	18.4
Water motors	10	15	27	112	60	237	(3)	(3)	(3)
Rented	23,405	7,800	3,427	242,765	65,441	38,058	36.5	14.4	9.5
Electric	23,405	7,800	3,427	242,390	64,294	33,620	36.5	14.2	8.4
Other	.....	.....	.....	375	1,147	4,438	0.1	0.2	1.1
Electric	37,410	17,376	8,536	396,963	176,009	97,671	100.0	100.0	100.0
Rented	23,405	7,800	3,427	242,390	64,294	33,620	61.1	36.5	34.4
Generated by establishments reporting	14,005	9,576	5,109	154,573	111,715	64,051	38.9	63.5	65.6

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	398,121	2,281,130	163,288	1,447,586	32,618	627,462
1914	371,893	1,654,208	63,135	471,996	(1)	291,028
Per cent of increase	7.1	37.9	158.6	213.6	(1)	115.6
Ammunition	16,351	84,588	1,500	117,877	2,000	21,000
Boots and shoes, rubber	1,161	32,536	136	.....	.....	681
Brass, bronze, and copper products	115,871	303,022	15,299	390,023	3,658	25,850
Cars and general shop construction and repairs by steam-railroad companies	.....	32,207	32	.....	.....	15,861
Cotton goods	17,468	112,252	.....	3,226	67	.....
Dyeing and finishing textiles, exclusive of that done in textile mills	2,585	55,096	12,231	282	.....	.....
Electrical machinery, apparatus, and supplies	7,770	58,243	1,010	9,907	1,276	35,796
Firearms	.....	49,246	.....	4,487	661	15,780
Foundry and machine-shop products	11,342	92,069	35,766	19,253	4,523	48,919
Gas, illuminating and heating	40,870	224,434	47,148	483,278	127	969
Hardware	17,338	118,092	4,303	44,045	513	32,723
Hats, fur-felt	6,080	34,736	.....	8	125	4,261
Iron and steel, steel works and rolling mills	43,544	67,281	11,244	12,115	147	2,029
Iron and steel, forgings, not made in steel works or rolling mills	2,829	18,693	102	158,259	144	1,550
Paper and wood pulp	4,161	167,679	.....	46,002	24	.....
Plated ware	1,709	24,003	191	6,089	242	21,230
Rubber tires, tubes, and rubber goods, not elsewhere specified	2,179	65,026	.....	4	.....	5,409
Silk goods	4,290	81,050	.....	.....	225	8,011
Steam fittings and steam and hot-water heating apparatus	14,635	26,157	9,532	2,515	208	14,399
Wire	528	29,943	622	11,125	.....	2,634
Woolen goods	1,037	50,917	.....	.....	.....	.....
Worsted goods	.....	23,422	.....	15,492	50	.....
All other industries	86,373	530,438	14,172	123,599	18,628	390,300
Total for cities	321,793	1,621,608	116,474	1,360,704	19,774	545,919
ANSONIA	10,869	57,437	8,391	31,324	37	18,083
BRIDGEPORT	107,121	293,670	17,022	188,029	4,059	80,417
BRISTOL	11,058	29,345	4,504	30,451	693	10,812
DANBURY	3,157	35,574	262	9,485	123	4,280
DERBY	1,218	5,720	3,237	346	22	1,988
HARTFORD	11,848	120,663	26,374	153,756	3,707	138,882
MERIDEN	3,341	59,960	1,927	8,058	168	69,402
MIDDLETOWN	3,443	30,028	1,314	265,877	555	16,879
NAUGATUCK	2,259	58,470	974	237	216	314
NEW BRITAIN	19,183	129,057	6,849	60,717	776	32,791
NEW HAVEN	25,931	331,714	12,422	199,805	4,911	112,967
NEW LONDON	4,179	11,506	1,228	8,351	131	5,745
NORWALK	8,114	29,951	3,528	6,681	122	3,457
NORWICH	1,091	53,751	3,796	52,615	300	1,584
STAMFORD	16,272	48,364	4,576	40,811	522	18,021
TORRINGTON	17,000	46,900	2,104	41,427	161	1,256
WATERBURY	65,386	260,070	17,829	262,734	3,208	28,798
WILLIMANTIC	10,323	19,428	137	.....	63	243

[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 eight of these industries in Connecticut are here presented.

Textiles (Table 19).—The textile industries shown in this table for Connecticut, comprising cordage and twine; cotton goods; cotton lace; cotton small wares; felt goods; fur-felt hats; knit goods; silk goods, including throwsters; woolen and worsted goods; and wool shoddy, constitute one of the most important groups of manufactures in the state according to value of products. This group contributed, in 1919, 19 per cent of the total value of products of all the manufacturing enterprises of the state and provided employment to 14.9 per cent of the wage earners in such enterprises. In addition, 16 dyeing and finishing establishments reported products valued at $8,350,098.

In 1919, Connecticut ranked first among the states in value of products in the fur-felt hat industry, fourth in silk, sixth in cotton, and sixth in the combined woolen and worsted goods industry.

The following table shows the relative importance of the principal textile industries of the state.

TABLE 19.—TEXTILES: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.
Total[1]	225	43,749	100.0	$265,101,932	100.0	$106,461,975	100.0
Cotton goods, cotton lace, and cotton small wares	57	16,483	37.7	105,054,383	39.6	39,251,974	36.9
Silk goods, including throwsters	41	11,254	25.7	68,053,429	25.7	30,527,560	28.7
Woolen, worsted, and felt goods	47	8,132	18.6	53,814,059	20.3	20,605,579	19.4
Hats, fur-felt	41	4,580	10.5	23,152,468	8.7	10,947,702	10.3
Knit goods	21	2,649	6.0	9,332,776	3.5	3,983,556	3.7
Wool shoddy	9	303	0.7	3,761,820	1.4	650,635	0.6
Cordage and twine	9	348	0.8	1,932,997	0.7	494,969	0.5

[1] Excludes establishments as follows: "Carpets and rugs, other than rag," 1; and "hats, wool-felt," 1, to avoid disclosure of individual operations.

Cotton manufactures (Table 20).—Table 20 shows the quantity and cost of the principal materials used and the quantity and value of the chief products relating to cotton manufactures, for 1919, 1914, and 1909.

The total cost of materials increased 279.6 per cent from 1914 to 1919, and 450.2 per cent from 1909 to 1919. The amount of raw cotton consumed shows very little change from 1914 to 1919, the increase in quantity being only 1 per cent, but during the same period the consumption of purchased cotton yarn increased 213.5 per cent.

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

	1919	1914	1909
MATERIALS.			
Total cost	$65,802,409	$17,334,878	$11,959,722
Cotton:			
Domestic—			
Pounds	53,629,265	52,333,105	51,664,951
Cost	$20,914,671	$8,018,943	$6,425,319
Foreign—			
Pounds	7,726,664	8,394,202	6,058,409
Cost	$4,173,594	$1,800,646	$1,058,728
Yarns purchased:			
Cotton—			
Pounds	33,839,546	10,795,133	3,671,011
Cost	$32,543,788	$4,172,975	$1,430,813
Other—			
Pounds	335,337	225,895	154,757
Cost	$788,016	$518,731	$450,801
Cotton waste, purchased:			
Pounds	2,262,821	1,526,700	2,224,582
Cost	$520,801	$91,030	$149,267
Starch, cost	$350,710	$83,773	$111,368
Chemicals and dyestuffs, cost	$250,012	$203,730	$226,354
Fuel and rent of power, cost	$1,204,764	$534,516	$478,710
All other materials, cost	$5,055,053	$1,910,534	$1,029,362
PRODUCTS.			
Total value	$105,054,383	$30,808,918	$24,231,881
Woven goods (over 12 inches in width):			
Pounds	59,780,134	(1)	(1)
Square yards	199,244,653	203,868,284	186,690,012
Value	$68,528,161	$18,560,045	$15,084,224
Unbleached and bleached sheetings, shirtings, and muslins—			
Pounds	9,477,166	(1)	(1)
Square yards	69,757,564	93,298,425	93,142,124
Value	$13,160,707	$6,423,411	$6,820,710
Twills, sateens, etc.—			
Pounds	7,175,762	(1)	(1)
Square yards	29,198,245	33,445,109	40,827,992
Value	$5,982,241	$2,911,329	$3,152,078
Ticks and denims—			
Pounds	5,295,014	(1)	(1)
Square yards	10,055,188	13,660,250	14,888,985
Value	$3,654,608	$1,400,188	$1,612,636
Tire duck and other tire fabrics—			
Pounds	27,387,217	(1)	(1)
Square yards	26,797,366	(2)	(2)
Value	$30,271,320	(2)	(2)
Other woven goods (over 12 inches in width)—			
Pounds	10,444,975	(1)	(1)
Square yards	63,436,290	63,464,500	37,830,911
Value	$15,459,285	$7,825,117	$3,498,800
Yarns for sale:			
Pounds	13,483,829	8,409,090	7,914,873
Value	$11,735,652	$3,497,879	$2,846,742
Cotton waste for sale:			
Pounds	11,065,638	11,374,187	11,315,800
Value	$1,784,827	$720,299	$409,811
All other products, value	$23,005,743	$8,030,695	$5,831,104

[1] Not reported. [2] Included in "Other woven goods."

The total value of products increased 241 per cent from 1914 to 1919, and 333.5 per cent from 1909 to 1919. The yardage of all classes of woven goods combined decreased 2.3 per cent from 1914 to 1919, although an increase of 6.7 per cent was reported from 1909 to 1919. The most important change in the nature of products reported at the last census for this industry was the manufacture of tire duck and other kinds of tire fabrics. The value of all kinds of tire fabrics in 1919 formed 28.8 per cent of the total value of products for the industry and 44.2 per cent of the total for the group designated as woven goods. Tire fabrics were not reported as such prior to the census of 1919, but were included with the item, "Other woven goods." There has been a pronounced increase in the manufacture of yarns for sale. The output in pounds

of such yarns increased 60.3 per cent from 1914 to 1919, and 70.4 per cent from 1909 to 1919. Sewing thread was one of the leading cotton products reported for the state, but can not be shown without disclosing individual operations.

Silk goods (Table 21).—There were 41 establishments, including 10 throwsters, engaged in this industry in Connecticut in 1919, a decrease of 3 as compared with 1914.

The quantity and cost of the principal materials used and the quantity and value of the different products manufactured are shown in Table 21 for 1919, 1914, and 1909.

In 1919 raw silk, constituting 36.1 per cent of the total cost of materials, decreased 5.2 per cent in quantity as compared with 1914, but increased 86.5 per cent in cost. The corresponding figures for the other materials reported separately are: Spun silk, an increase of 36.3 per cent in quantity and 145.3 per cent in cost; organzine, tram, and hard crêpe twist, purchased as such and used in manufacture, an increase of 484.7 per cent in quantity and 829.2 per cent in cost; cotton yarn (including mercerized), a decrease of 7.9 per cent in quantity but an increase of 104.6 per cent in cost; and woolen, mohair, and other yarns, a decrease of 76.7 per cent in quantity and 46.5 per cent in cost.

Among the products, broad silks, which decreased 19.5 per cent in quantity and one-tenth of 1 per cent in value from 1909 to 1914, increased 27.4 per cent in quantity and 183.2 per cent in value from 1914 to 1919. Velvets and plushes, the most important product of the industry, constituting, in 1919, 47.6 per cent of the total value of products, increased 70.2 per cent in quantity and 127.7 per cent in value from 1909 to 1914, but decreased 9 per cent in quantity and increased 138.5 per cent in value from 1914 to 1919. Machine twist, sewing and embroidery, and fringe and floss silks decreased 14.5 per cent in quantity and 12.4 per cent in value from 1909 to 1914, but increased one-tenth of 1 per cent in quantity and 121.6 per cent in value from 1914 to 1919. The production of ribbon decreased 51.4 per cent in value from 1909 to 1914, but increased 74.9 per cent from 1914 to 1919. The production of embroideries, braids and bindings, and fringes and gimps, while showing an increase in value in 1919 over that reported in 1914 of 644 per cent, shows a decrease of 22 per cent from 1909 to 1919. The amount received for contract work in 1919 shows a notable increase over both 1914 and 1909. In 1919, 202,181 pounds of silk were thrown on commission, of which 23,080 pounds were thrown into organzine, 15,000 pounds into tram, and 164,101 pounds into hard crêpe twist.

TABLE 21.—SILK GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$37,525,869	$18,406,252	$11,834,345
Silk:			
Raw—			
Pounds	1,777,775	1,875,922	1,624,701
Cost	$13,544,641	$7,263,562	$6,099,209
Spun—			
Pounds	1,696,472	1,244,745	696,379
Cost	$8,192,911	$3,340,302	$1,425,657
Organzine, tram, and hard crepe twist, purchased—			
Pounds	240,429	41,121	54,619
Cost	$1,914,645	$206,051	$238,785
Yarns:			
Cotton, including mercerized—			
Pounds	4,581,857	4,976,715	2,439,405
Cost	$3,724,174	$1,820,566	$870,707
Woolen, mohair, and other—			
Pounds	449,880	1,933,192	832,204
Cost	$971,106	$1,814,812	$826,208
Fuel and rent of power, cost	$883,945	$319,489	$214,763
All other materials, cost	$8,204,447	$3,641,470	$2,159,016
PRODUCTS.			
Total value	$68,053,429	$30,591,825	$21,062,687
Machine twist, sewing, embroidery, fringe, and floss silks:			
Pounds	709,310	708,692	828,678
Value	$9,909,218	$4,472,581	$5,108,180
Broad silks:			
Yards	11,696,309	9,177,620	11,404,011
Value	$16,664,633	$5,884,845	$5,890,233
Velvets and plushes:			
Yards	18,454,656	20,275,602	11,912,758
Value	$32,362,757	$13,571,146	$5,959,175
Ribbons, value	$956,930	$547,155	$1,125,697
Embroideries, braids and bindings, and fringes and gimps, value	$164,032	$22,048	$210,427
Amount received for contract-work	$732,897	$135,603	$293,332
All other products, value	$7,262,962	$5,958,447	$2,475,643

Wool manufactures (Table 22).—This table shows the quantity and cost of the principal materials and the quantity and value of the chief products reported for the wool manufacturing industries in Connecticut for 1919, 1914, and 1909.

Wool manufactures, comprising the woolen, worsted, and felt goods industries, show an increase of 208.5 per cent in total cost of materials from 1914 to 1919. In 1919 wool (foreign and domestic) represented 36.4 per cent of the total cost of materials, and yarns 32.2 per cent. The quantity of foreign wool consumed increased 362.5 per cent from 1914 to 1919, and the cost 1,295.2 per cent; whereas that of domestic origin decreased 15.4 per cent in quantity but increased 184.6 per cent in cost. Considerable quantities of the yarn consumed in 1919 were produced by the establishments engaged in this industry Both raw cotton and cotton yarn show marked decreases in quantity, 62.5 per cent less raw cotton being consumed in 1919 than in 1914 and 56.6 per cent less purchased cotton yarn; the cost, however, increased, respectively, 2.6 per cent and 27.9 per cent. Of the total quantity of yarn purchased in 1919, worsted constituted 77.1 per cent and cotton 13.7 per cent. The quantity of purchased worsted yarn decreased

13.5 per cent from 1914 to 1919, but the cost increased 151.3 per cent. During the same period recovered wool fiber increased 149.1 per cent in quantity and 701.1 per cent in cost.

TABLE 22.—WOOL MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$33,208,480	$10,763,510	$12,838,142
Wool:			
Foreign (in condition purchased)—			
Pounds	5,003,505	1,081,756	1,088,035
Cost	$4,995,569	$358,064	$293,687
Domestic (in condition purchased)—			
Pounds	6,703,814	7,924,204	9,084,587
Cost	$7,093,150	$2,492,392	$3,474,052
Equivalent in scoured condition, pounds	9,562,788	6,386,974	7,045,156
Cotton:			
Pounds	361,195	964,377	558,585
Cost	$128,758	$125,445	$82,852
Recovered wool fiber:			
Pounds	3,909,777	1,569,619	1,593,181
Cost	$1,969,117	$245,792	$295,442
Waste and noils of wool, mohair, etc.:			
Pounds	1,910,610	1,953,136	1,871,548
Cost	$1,107,313	$516,396	$466,078
Yarns:			
Pounds	4,669,446	5,778,136	6,372,748
Cost	$10,704,423	$4,431,030	$6,056,001
Worsted—			
Pounds	3,598,193	4,161,962	5,113,219
Cost	$9,564,369	$3,806,284	$5,629,603
Cotton—			
Pounds	641,080	1,477,480	1,193,956
Cost	$434,922	$339,935	$291,770
All other—			
Pounds	430,173	138,694	65,573
Cost	$705,132	$284,811	$134,628
Chemicals and dyestuffs, cost	$1,424,567	$575,802	$534,281
Fuel and rent of power, cost	$825,546	$358,682	$329,872
All other materials, cost	$4,960,037	$1,659,907	$1,305,877
PRODUCTS.			
Total value	$53,814,059	$17,128,975	$19,363,228
Woven goods:			
Pounds	21,622,655	(1)	(1)
Square yards	29,625,488	24,393,717	24,553,203
Value	$48,336,265	$15,853,044	$17,464,589
All-wool—			
Pounds	16,467,520	(1)	(1)
Square yards	22,768,782	16,021,944	17,987,303
Value	$43,428,772	$12,456,958	$15,103,628
Suitings—			
Woolen—			
Pounds	9,680,124	(1)	(1)
Square yards	14,489,103	5,670,797	4,371,262
Value	$23,590,925	$3,767,215	$3,834,073
Worsted—			
Pounds	3,403,147	(1)	(1)
Square yards	4,924,489	6,270,310	(2)
Value	$13,030,111	$5,696,500	(2)
Overcoatings, cloakings, etc., woolen—			
Pounds	2,778,427	(1)	(1)
Square yards	2,503,570	2,558,488	2,827,661
Value	$4,752,875	$1,979,860	$2,618,255
Dress goods, woolen—			
Pounds	(3)	(1)	(1)
Square yards	(3)	1,308,776	1,610,689
Value	(3)	$812,088	$902,806
All other—			
Pounds	605,822	(1)	(1)
Square yards	851,620	213,573	9,177,691
Value	$2,054,861	$201,295	$7,748,494
Wool-and-cotton mixed—			
Pounds	1,239,057	(1)	(1)
Square yards	1,472,914	1,775,642	2,168,484
Value	$2,035,439	$1,054,369	$1,105,667
Cotton-warp, woolen or worsted filling—			
Pounds	3,916,078	(1)	(1)
Square yards	5,383,792	6,596,131	4,397,416
Value	$2,872,054	$2,341,717	$1,255,294
Yarns, waste, and noils, for sale:			
Pounds	857,723	918,073	1,238,211
Value	$1,701,818	$336,366	$753,808
Contract work, value	$179,400	$68,179	$32,848
All other products, value	$3,596,576	$871,386	$1,111,983

[1] Not reported.
[2] Included in "All other" to avoid disclosure of individual operations.
[3] None reported in 1919.

Wool manufactures increased 214.2 per cent in value of products from 1914 to 1919. The value of woven goods, the principal output, constituted 89.8 per cent of the total value of products for the industry in 1919; 92.6 in 1914; and 90.2 per cent in 1909. The increase in the total number of square yards woven was 21.4 per cent from 1914 to 1919, and the increase in value was 204.9 per cent. All-wool woven goods predominated at each census, representing 73.3 per cent of the total yardage of woven goods in 1909, 65.7 per cent in 1914, and 76.9 per cent in 1919. The increase in the number of square yards of all-wool cloth woven in 1919, as compared with 1914, was 42.1 per cent, with an increase in value of 248.6 per cent. Woolen suitings, in 1919, constituting 48.9 per cent of the total yardage of woven goods, shows an increase of 155.5 per cent from 1914 to 1919 in yardage and of 526.2 per cent in value, while worsted suitings, with 16.6 per cent of the total yardage in 1919, shows a decrease of 21.5 per cent in yardage but an increase of 128.7 per cent in value.

The decrease from 1914 to 1919 of purchased cotton (raw) and cotton yarn is paralleled by corresponding decreases in the production of cotton-mixed and cotton-warp woven goods.

Knit goods (Table 23).—The quantity and cost of the principal materials used and the quantity and value of the products for the knit-goods industry are shown in Table 23 for 1919, 1914, and 1909.

In this textile industry increases in total cost of materials and in total value of products are shown for the later five-year period. The consumption of foreign wool, of worsted and of "All other" yarns, and of "All other materials" increased; foreign wool, 2.9 per cent in quantity and 119.9 per cent in cost; worsted and "All other" yarns combined, 9.3 per cent in quantity and 189.8 per cent in cost; and "All other materials," 78.4 per cent in cost.

Although the total value of products was greater in 1919 than in 1914, decreases are shown in the quantity of a number of the specified items. The output of shirts and drawers decreased 32.7 per cent in quantity, but increased 31.3 per cent in value. Decreases in both quantity and value from 1914 to 1919 were marked in cotton and wool shirts and drawers, while merino, which represents 83.1 per cent of the total value of shirts and drawers, decreased 15.1 per cent in quantity but increased 58.1 per cent in value. A marked increase is shown in both quantity and value of union suits—the increase being in the wool and merino garments.

The production of cardigan jackets, sweaters, etc., from 1914 to 1919 decreased 54.6 per cent in quantity, but increased 37.8 per cent in value.

TABLE 23.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$5,349,220	$2,726,571	$3,048,547
Cotton:			
Pounds	1,238,838	1,727,377	1,971,512
Cost	$477,387	$250,565	$286,488
Wool (in condition purchased):			
Pounds	596,589	1,090,505	1,019,245
Cost	$681,723	$461,600	$467,854
Foreign—			
Pounds	194,026	188,585	251,055
Cost	$205,064	$93,266	$113,600
Domestic—			
Pounds	402,563	901,920	768,190
Cost	$476,659	$368,334	$354,254
Wool waste and noils:			
Pounds	826,903	811,613	2,015,712
Cost	$590,280	$309,508	$630,130
Yarns:			
Pounds	1,177,653	1,273,861	2,010,048
Cost	$1,772,791	$683,187	$908,551
Cotton—			
Pounds	673,099	782,518	1,539,828
Cost	$535,967	$275,202	$463,922
Woolen—			
Pounds	3,890	8,820	282
Cost	$4,564	$5,238	$197
Worsted—			
Pounds	409,700	378,595	416,566
Cost	$970,883	$319,910	$393,596
Merino—			
Pounds	72,648	90,919	46,178
Cost	$166,473	$34,946	$26,094
All other—			
Pounds	18,316	13,009	7,194
Cost	$94,904	$47,891	$24,742
Chemicals and dyestuffs, cost	$56,374	$44,865	$52,249
Fuel and rent of power, cost	$122,835	$53,344	$67,643
All other materials, cost	$1,647,830	$923,502	$635,632
PRODUCTS.			
Total value	$9,332,776	$5,221,683	$5,800,692
Hosiery:			
Dozen pairs	376,585	544,475	560,100
Value	$1,214,648	$841,912	$1,109,617
Shirts and drawers:			
Dozens	339,968	505,219	471,708
Value	$4,674,795	$3,559,982	$3,656,160
Cotton—			
Dozens	44,962	131,988	113,603
Value	$373,115	$486,518	$475,545
Wool [1]—			
Dozens	26,963	57,427	19,516
Value	$418,197	$616,905	$239,100
Merino—			
Dozens	268,043	315,804	338,589
Value	$3,883,483	$2,456,559	$2,941,515
Union suits:			
Dozens	77,108	24,858	42,613
Value	$1,815,543	$366,856	$349,025
Cotton—			
Dozens	5,878	9,152	29,527
Value	$105,415	$104,813	$167,345
Wool [1]—			
Dozens	31,150	6,220	10,088
Value	$784,873	$101,873	$133,427
Merino—			
Dozens	40,080	9,486	2,998
Value	$925,255	$160,170	$48,253
Cardigan jackets, sweaters, etc.:			
Dozens	5,226	11,519	3,912
Value	$354,304	$257,028	$113,162
All other products, value	$1,273,486	$195,905	$572,728

[1] Includes silk and silk-mixed.

Hats, fur-felt (Table 24).—This table shows the quantity and cost of the principal materials used, and details as to the value of products in the fur-felt hat industry for 1919, 1914, and 1909.

The cost of materials in the fur-felt hat industry increased 163.4 per cent from 1914 to 1919. Hatters' fur, the principal material, constituted 62.6 per cent of the total cost of materials in 1919, and, compared with 1914, shows an increase of 48.4 per cent in quantity and 288.2 per cent in cost. The number of dozens of purchased fur-felt hat bodies and hats in the rough decreased 9.8 per cent between 1914 and 1919, although the cost increased 84.4 per cent. From 1909 to 1914 the cost of chemicals and dyestuffs decreased 44.1 per cent, but increased 186.8 per cent from 1914 to 1919.

The total value of products increased 144.3 per cent from 1914 to 1919. The production of fur-felt hats in 1919, which comprised 68.2 per cent of the total value of products, shows an increase over 1914 of 9.2 per cent in quantity and 108.2 per cent in value.

The number of dozens of hat bodies and hats in the rough, produced for sale in 1919, shows an increase of 67.7 per cent over 1914 and an increase in value of 284.4 per cent.

TABLE 24.—HATS, FUR-FELT: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$12,204,766	$4,633,274	$4,848,983
Hatters' fur:			
Pounds	2,568,798	1,731,569	1,673,332
Cost	$7,637,420	$1,967,618	$1,969,915
Fur-felt hat bodies and hats in the rough:			
Dozens	81,811	90,745	87,117
Cost	$997,227	$540,939	$491,161
Chemicals and dyestuffs, cost	$506,286	$176,501	$315,598
Fuel and rent of power, cost	$304,472	$170,850	$175,076
All other materials, cost	$2,759,361	$1,777,366	$1,957,233
PRODUCTS.			
Total value	$23,152,468	$9,475,778	$10,399,860
Fur-felt hats:			
Dozens	563,267	515,986	530,558
Value	$15,791,197	$7,585,947	$7,858,882
Fur-felt hat bodies and hats in the rough, for sale:			
Dozens	448,136	267,178	335,947
Value	$6,696,166	$1,741,885	$2,407,044
All other products, value	$665,105	$147,946	$133,934

Machinery used in textile mills (Table 25).—The number and kinds of the principal machines used in the four groups of textile industries are given in this table.

TABLE 25.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Census year.	Total.	Cotton manufactures.	Knit goods.	Silk goods.	Wool manufactures.[1]
Producing spindles (not including doubling and twisting spindles).	1919	1,668,649	1,256,776	34,230	172,024	205,619
	1914	1,612,349	1,276,148	37,152	141,712	157,337
	1909	1,533,418	1,241,524	53,904	118,302	179,688
Looms	1919	[2] 34,430	25,612	.....	[2] 5,460	3,358
	1914	35,497	26,721	.....	5,536	3,240
	1909	32,785	24,370	.....	5,006	3,409
Knitting machines	1919	[3] 2,885	.....	[3] 2,885	.....	.....
	1914	2,139	.....	2,139	.....	.....
	1909	2,501	.....	2,501	.....	.....
Woolen cards (sets)	1919	[4] 510	.....	[4] 117	.....	393
	1914	461	.....	86	.....	375
	1909	522	.....	114	.....	408
Wool-combing machines	1919	8	.....	.....	.....	8
	1914	13	.....	.....	.....	13
	1909	33	.....	.....	.....	33

[1] Not including spindles, looms, and cards reported by carpet mills.
[2] Includes 319 looms idle entire year.
[3] Includes 604 machines idle entire year.
[4] Includes 1 card idle entire year.

The number of producing spindles increased 56,300, or 3.5 per cent, from 1914 to 1919, but the number of

looms decreased 1,067, or 3 per cent. The number of knitting machines increased 746, or 34.9 per cent.

Of the total number of producing spindles reported for 1919, 75.3 per cent were in cotton mills, 12.3 per cent in woolen, worsted, and felt mills, 10.3 per cent in silk mills, and 2.1 per cent in knitting mills.

Electrical machinery, apparatus, and supplies (Table 26).—This table shows the principal products of the industry in Connecticut for 1919, 1914, and 1909. The value of products of the industry as a whole shows an increase of $37,581,176, or 262.3 per cent, from 1914 to 1919, and $4,505,783, or 45.9 per cent, from 1909 to 1914. Insulated wire and cables was the chief product for which separate values are shown at each of the three censuses, forming 21.8 per cent of the total value of products in 1919, 37.4 per cent in 1914, and 38.4 per cent in 1909. The exceptionally large value shown for products other than electrical machinery, apparatus, and supplies, embraces such articles as cutlery, hardware, fancy articles, aluminum goods, and plated ware.

TABLE 26.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	[1] $51,911,332	[1] $14,330,156	[1] $9,824,373
Insulated wire	9,586,239	5,360,402	3,772,881
Insulated cables	1,750,192		
Sockets, receptacles, bases, etc	6,423,136	1,945,177	1,652,586
Industrial and household apparatus and devices	4,600,317	(2)	(2)
Wiring supplies	4,360,075	(3)	(3)
Fuses, cut-outs, and fuse plugs	1,489,183	298,949	330,276
Batteries	1,436,866	(2)	(2)
Switchboards, panel boards, and cut-out cabinets for light and power	356,104	224,481	151,385
All other electrical machinery, apparatus, and supplies	9,428,169	(3)	(3)
All other products	12,481,051	6,501,147	3,917,245

[1] In addition, electrical machinery, apparatus, and supplies to the value of $1,461,913 in 1919, $859,899 in 1914, and $689,696 in 1909, were reported by establishments engaged primarily in other industries.
[2] Included in "All other products."
[3] Not reported separately.

Paper and wood pulp (Table 27).—This table shows the quantity and value of the principal products of the industry in the state for 1919, 1914, and 1909. The output of paper boards, which forms the chief products of the industry, increased 9,677 tons, or 9.5 per cent, in quantity between 1914 and 1919 and $4,379,099, or 125.2 per cent, in value. "All other paper products" includes classes of products which can not be shown separately without the possibility of disclosing the operations of individual establishments, among which tissue paper, fine paper, and newspaper, in the order of their value, are the leading items.

The yearly capacity of the paper-making machinery of the state was 230,628 tons in 1919, 187,261 tons in 1914, and 127,025 tons in 1909.

TABLE 27.—PAPER AND WOOD PULP: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$12,939,103	$5,968,797	$5,527,334
Wrapping paper:			
Tons	5,588	3,877	6,316
Value	$646,642	$204,367	$538,830
Boards:			
Tons	111,056	101,379	65,567
Value	$7,877,629	$3,498,530	$2,386,945
All other paper products:			
Tons	18,460	22,910	20,341
Value	$4,151,460	$2,133,714	$2,148,590
All other products, value	$263,372	$132,186	$452,969

Printing and publishing (Table 28).—This table shows the number of publications in the state and the aggregate circulation per issue for 1919, 1914, and 1909. Of the 36 daily newspapers reported, 28, with an average daily circulation of 256,797 copies, were published in the afternoon and 8, with an average daily circulation of 94,403, were published in the morning. The afternoon circulation increased 54,636, or 27 per cent, for the five-year period from 1914 to 1919, and the morning circulation increased 20,791, or 28.2 per cent.

Fifteen of all the publications reported in 1919 were printed in foreign languages. Their average circulation per issue was 24,220 copies. Eight of these, all weeklies, were printed in Italian; 2 weeklies in Italian and English; 1 weekly in Hungarian, 1 in Polish, and 1 in Swedish; 1 semimonthly in German and 1 monthly in Russian.

Fourteen foreign-language publications were reported in 1914, but none was printed in Swedish or Russian. One Italian daily and a number of German weeklies were discontinued between the censuses.

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

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	156	148	160	704,128	611,685	539,765
Daily	36	36	38	351,200	275,773	258,543
Sunday	8	8	10	119,765	100,581	86,261
Semiweekly	4	8	9	5,214	16,213	23,612
Weekly [1]	77	73	78	144,899	149,618	134,849
Monthly [2]	28	20	19	66,600	38,200	29,300
Quarterly [3]	3	3	6	16,450	31,300	7,200

[1] Includes 2 triweeklies in 1919.
[2] Includes 6 semimonthlies in 1919 and 1 semimonthly in 1914 and 1909.
[3] Includes 2 semiannual publications in 1914.

Laundries (Table 29).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 29, however, summarizes the statistics for such laundries in the state of Connecticut for 1919 and 1914.

TABLE 29.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, 1914–1919.
	1919	1914	
Number of establishments	128	127	0.8
Persons engaged	2,334	2,184	6.9
Proprietors and firm members	131	125	4.8
Salaried employees	179	146	22.6
Wage earners (average number)	2,024	1,913	5.8
Primary horsepower	3,646	3,178	14.7
Capital	$2,421,654	$1,454,961	66.4
Salaries and wages	1,817,306	1,055,951	72.1
Salaries	285,874	161,660	76.8
Wages	1,531,432	894,291	71.2
Paid for contract work	13,265	1,684	687.7
Rent and taxes	81,823	59,721	37.0
Cost of materials	799,699	408,401	95.8
Amount received for work done	3,560,276	2,108,011	68.9

Dyeing and cleaning (Table 30).—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 30.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	24
Persons engaged	261
Proprietors and firm members	24
Salaried employees	52
Wage earners (average number)	185
Primary horsepower	242
Capital	$364,256
Salaries and wages	287,121
Salaries	76,165
Wages	210,956
Paid for contract work	1,762
Rent and taxes	25,282
Cost of materials	111,512
Amount received for work done	654,689

Custom sawmills and custom gristmills (Tables 31 and 32).—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 31 and 32, however, summarize the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed, and that for custom gristmills, the selling value of the grain milled.

TABLE 31.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	53	31	.....
Persons engaged	77	86	.....
Proprietors and firm members	61	36	.....
Wage earners (average number)	16	50	.....
Primary horsepower	1,385	873	58.6
Capital	$68,717	$51,408	33.7
Wages	13,266	19,478	−31.9
Rent and taxes	739	395	87.1
Cost of materials	6,683	1,045	539.5
Amount received for work done	53,971	46,481	16.1

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

TABLE 32.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	47	59	.....
Persons engaged	64	80	.....
Proprietors and firm members	49	61	.....
Salaried employees	1	.....	.....
Wage earners (average number)	14	19	.....
Primary horsepower	1,410	1,982	−28.9
Capital	$228,560	$132,577	72.4
Salaries and wages	16,524	5,737	188.0
Salaries	1,750	.....	.....
Wages	14,774	5,737	157.5
Rent and taxes	3,372	963	250.2
Cost of materials [2]	412,611	178,750	130.8
Value of products [2]	498,748	220,775	125.9

[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 33 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and in Bridgeport, Hartford, New Britain, New Haven, and Waterbury, and for the cities having from 10,000 to 50,000 inhabitants, for which comparable figures are available, similar data for all industries combined.

Table 34 presents, for 1919, in the state as a whole and in Bridgeport, Hartford, New Britain, New Haven, and Waterbury, 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 13 cities in the state having from 10,000 to 50,000 inhabitants.

TABLE 33.—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	4,872	292,672	664,691	324,682	685,937	1,302,432
	1914	4,104	226,264	453,812	125,220	288,511	545,472
	1909	4,251	210,792	460,275	110,119	257,259	490,272
Automobile bodies and parts.	1919	53	1,164	1,745	1,465	3,092	6,198
	1914	24	771	1,278	603	850	2,014
	1909	20	912	840	655	1,090	2,504
Boots and shoes, not including rubber boots and shoes.	1919	8	995	288	824	2,179	3,765
	1914	9	567	227	252	1,338	1,958
	1909	10	520	235	226	1,088	1,658
Boxes, paper and other, not elsewhere specified.	1919	44	2,267	3,027	1,551	3,342	7,446
	1914	42	2,196	1,665	1,076	1,819	3,742
	1909	38	1,849	1,306	748	1,386	2,911
Brass, bronze, and copper products.	1919	75	29,580	121,319	36,386	110,238	169,550
	1914	67	16,781	57,033	9,846	53,886	69,353
	1909	80	16,817	50,034	9,667	47,864	66,933
Bread and other bakery products.	1919	494	2,020	2,196	2,651	10,938	17,112
	1914	467	2,014	1,316	1,403	4,661	8,005
	1909	431	1,869	658	1,222	4,463	7,310
Brushes	1919	13	180	157	180	775	1,779
	1914	11	130	153	61	154	299
	1909	12	129	138	54	109	210
Butter and cheese	1919	22	44	408	43	730	901
	1914	24	63	197	43	527	624
	1909	30	105	231	52	623	745
Buttons	1919	16	768	1,154	654	664	1,956
	1914	18	1,063	882	492	613	1,498
	1909	20	1,057	1,673	465	735	1,635
Carriages and wagons and materials.	1919	56	168	483	182	325	677
	1914	84	452	945	311	411	996
	1909	92	578	957	372	383	1,077
Cars and general shop construction and repairs by electric-railroad companies.	1919	22	454	1,321	522	502	1,063
	1914	21	336	503	248	252	531
	1909	15	524	388	368	603	995
Clocks	1919	8	4,925	4,397	4,968	4,120	12,904
	1914	9	3,753	3,328	1,990	1,695	4,524
	1909	9	5,359	3,942	2,762	1,982	6,816
Clothing, men's, including shirts.	1919	79	1,193	534	1,067	3,584	6,002
	1914	28	1,305	494	548	1,320	2,628
	1909	28	751	418	304	726	1,362
Clothing, women's	1919	60	2,058	486	1,317	4,067	7,427
	1914	19	1,337	383	465	700	1,597
	1909	17	1,382	461	415	798	1,716
Coffee, roasting and grinding.	1919	13	28	87	19	651	733
	1914	7	26	127	17	354	435
	1909	9	35	150	19	338	485
Confectionery and ice cream.	1919	121	849	2,376	641	3,057	5,260
	1914	73	421	845	246	913	1,709
Copper, tin, and sheet-iron work.	1919	81	292	187	359	672	1,427
	1914	43	301	256	211	350	778
	1909	30	213	236	134	333	656
Cordage and twine	1919	9	348	1,160	226	1,438	1,933
	1914	10	316	1,255	103	506	666
	1909	8	286	1,134	85	431	561
Corsets	1919	19	5,616	3,310	4,156	12,297	20,675
	1914	21	7,298	2,970	2,797	7,575	12,936
	1909	17	6,613	1,566	2,520	6,676	12,815
Cotton goods, including cotton small wares.[1]	1919	57	16,483	72,606	15,648	65,802	105,054
	1914	50	15,486	65,629	6,982	17,335	30,899
	1909	52	14,360	58,137	5,666	11,960	24,232
Cutlery and tools, not elsewhere specified.	1919	107	6,797	13,752	7,437	6,768	21,728
	1914	76	7,568	14,316	4,400	3,968	11,541
	1909	82	7,547	14,135	3,980	3,310	10,717
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	16	1,918	9,427	2,234	3,450	8,350
	1914	12	1,764	7,738	923	1,455	3,503
	1909	10	1,719	5,851	872	1,489	3,562
Electrical machinery, apparatus, and supplies.	1919	54	11,403	15,368	12,454	23,442	51,911
	1914	43	5,059	6,459	2,630	7,436	14,330
	1909	41	3,505	4,457	1,603	5,211	9,824
Fancy articles, not elsewhere specified.	1919	10	504	631	427	1,846	3,521
	1914	9	357	379	196	644	1,186
	1909	4	132	192	59	89	200
Fertilizers	1919	6	188	753	204	2,556	3,599
	1914	10	329	1,689	185	1,477	1,972
	1909	12	295	1,273	137	1,091	1,573
Firearms and ammunition.	1919	12	17,050	37,174	18,304	20,231	55,926
	1914	13	10,863	11,080	7,117	11,697	25,658
	1909	10	8,533	9,391	4,968	10,066	19,948
Flour-mill and gristmill products.	1919	64	80	2,351	85	2,083	2,507
	1914	85	113	2,971	59	1,631	1,881
	1909	98	145	3,616	72	1,731	2,024
Food preparations, not elsewhere specified.	1919	45	180	570	172	1,087	1,725
	1914	23	114	264	46	351	597
	1909	13	60	264	27	143	275
Foundry and machine-shop products.[2]	1919	752	54,971	96,856	67,646	68,194	203,626
	1914	388	39,369	54,557	22,868	25,151	67,009
	1909	403	37,736	49,167	21,332	24,820	65,535
Furniture	1919	33	570	1,015	645	1,018	2,564
	1914	22	783	1,313	305	655	1,157
	1909	25	298	803	179	368	786
Gas and electric fixtures and lamps.	1919	12	1,562	2,481	1,782	2,215	5,148
	1914	16	2,391	2,214	1,232	1,673	4,076
	1909	12	2,249	1,946	1,189	1,330	4,023
Gas, illuminating and heating.	1919	22	1,270	3,071	1,687	3,190	8,347
	1914	27	1,209	5,089	827	1,471	4,746
	1909	28	926	4,100	557	1,005	3,446
Hat and cap materials	1919	15	682	1,789	611	3,057	4,931
	1914	15	400	1,105	160	1,284	1,594
	1909	14	478	1,024	183	702	1,508
Hats and caps, other than felt, straw, and wool.	1919	10	137	18	178	511	899
	1914	9	94	28	56	121	289
	1909	8	74	11	47	126	259
Hats, fur-felt	1919	41	4,580	5,311	5,099	12,205	23,152
	1914	58	5,461	6,029	3,057	4,633	9,476
	1909	80	5,217	5,619	3,384	4,849	10,400
House-furnishing goods, not elsewhere specified.	1919	8	874	3,115	808	3,017	4,673
	1914	5	1,233	2,521	573	2,443	3,819
	1909	6	740	1,892	292	1,970	2,611
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	15	760	2,635	754	1,096	2,995
	1914	14	606	1,894	318	491	1,048
	1909	13	676	1,712	327	542	1,180
Iron and steel, forgings, not made in steel works or rolling mills.	1919	18	2,489	5,953	3,110	5,229	13,683
	1914	17	1,573	4,226	1,000	1,883	4,560
	1909	13	354	1,022	204	315	704
Jewelry	1919	20	149	151	154	293	715
	1914	19	188	115	105	94	330
	1909	15	264	83	143	108	457
Knit goods	1919	21	2,649	4,594	2,227	5,349	9,333
	1914	25	2,904	3,365	1,296	2,727	5,222
	1909	21	3,340	3,540	1,363	3,049	5,801
Leather goods[3]	1919	11	307	316	265	636	1,243
	1914	15	216	105	136	396	673
	1909	18	272	277	143	330	588
Leather, tanned, curried, and finished.	1919	7	168	510	189	1,060	1,569
	1914	7	185	340	100	636	996
	1909	8	150	356	95	805	1,047
Lime	1919	5	191	85	196	419	779
	1914	10	284	476	158	265	489
	1909	10	325	170	160	275	553
Liquors, malt	1919	15	405	4,747	551	1,391	5,337
	1914	18	539	3,510	546	1,692	5,030
	1909	19	475	2,530	426	1,375	4,426
Lumber and timber products.[4]	1919	298	1,802	12,269	2,001	5,497	10,270
	1914	295	2,356	12,487	1,462	3,765	6,966
	1909	393	3,495	15,153	1,907	3,918	7,846
Marble and stone work	1919	70	244	1,631	328	426	1,122
	1914	80	538	2,687	387	353	1,057
	1909	86	782	2,317	514	370	1,237
Mattresses and spring beds, not elsewhere specified.	1919	23	114	204	141	506	930
	1914	18	154	160	87	285	489
	1909	16	152	116	68	274	423
Millinery and lace goods, not elsewhere specified.	1919	10	139	61	74	534	852
	1914	7	117	68	43	168	285
	1909	7	124	59	49	186	293

[1] Includes "cotton lace."

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

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

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

TABLE 33.—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.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.							
Mineral and soda waters	1919	111	224	429	229	675	1,416
	1914	102	210	333	122	234	567
	1909	96	220	324	124	192	535
Musical instruments, pianos and organs and materials.	[1] 1919	11	1,899	2,485	1,742	3,440	6,773
	1914	19	2,267	2,696	1,277	2,570	5,230
	1909	17	2,304	2,559	1,251	3,022	5,538
Needles, pins, and hooks and eyes.	1919	23	4,037	4,355	4,209	5,617	13,904
	1914	12	3,068	3,235	1,548	2,339	5,109
	1909	8	2,648	3,190	1,311	1,697	4,236
Paper and wood pulp	1919	44	1,999	26,742	2,194	8,217	12,939
	1914	44	1,898	21,111	1,141	4,007	5,969
	1909	51	1,720	19,509	924	3,303	5,527
Paper goods, not elsewhere specified.	1919	8	400	415	372	1,152	2,365
	1914	6	48	147	24	91	164
	1909	6	259	296	116	277	520
Patent medicines and compounds and druggists' preparations.[2]	1919	38	431	485	295	1,566	4,775
	1914	43	327	206	125	764	2,063
	1909	64	237	381	88	488	1,342
Paving materials	1919	20	368	6,399	459	321	1,311
	1914	11	214	1,890	114	73	281
Printing and publishing [3]	1919	412	3,021	4,150	3,244	4,540	14,036
	1914	364	2,838	3,618	1,932	2,195	7,713
	1909	363	2,878	3,425	1,736	1,769	6,370
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	21	5,060	11,474	5,405	18,233	33,928
	1914	18	2,485	9,598	1,413	5,645	10,188
	1909	13	2,115	6,138	1,116	7,126	11,005
Sausage, not made in slaughtering and meat-packing establishments.	1919	20	79	410	88	1,068	1,370
	1914	21	79	263	55	633	765
	1909	22	83	335	54	545	725
Screws, machine	1919	12	1,050	2,154	1,104	966	3,272
	1914	8	571	1,832	334	356	906
	1909	7	621	1,241	371	392	1,078
Screws, wood	1919	5	2,245	2,160	2,105	2,503	6,390
	1914	4	2,266	2,853	849	1,001	2,843
	1909	3	1,498	1,633	589	891	2,206
Shipbuilding, wooden, including boat building.	1919	36	1,112	2,624	1,254	987	2,924
	1914	34	288	941	222	211	558
	1909	41	292	964	179	269	564
Silk goods	1919	41	11,254	18,357	11,523	37,526	68,053
	1914	44	10,668	11,160	5,606	18,406	30,592
	1909	47	8,703	8,564	3,749	11,834	21,063
Silversmithing and plated ware.	1919	32	5,687	8,162	5,934	11,349	25,723
	1914	33	6,465	7,265	3,682	7,382	15,239
	1909	31	6,223	5,751	3,446	7,232	15,837
Soap	1919	6	445	1,054	423	2,178	5,145
	1914	7	258	636	131	771	1,672
	1909	9	260	540	131	732	1,528
Stamped and enameled ware, not elsewhere specified.	1919	26	2,288	2,565	2,148	2,993	7,423
	1914	18	2,084	2,362	899	1,277	2,902
	1909	13	2,126	1,229	850	1,121	2,727
Suspenders, garters, and elastic woven goods.	1919	15	3,426	4,197	3,332	10,262	16,966
	1914	13	2,974	3,476	1,324	3,898	6,064
	1909	13	2,197	1,645	884	2,090	3,741
Tobacco manufactures	1919	198	1,279	223	1,357	1,707	4,379
	1914	256	1,570	203	1,068	1,215	3,149
	1909	265	1,513	48	908	1,064	2,738
Toys and games	1919	21	971	681	794	1,330	3,081
	1914	14	527	276	229	380	1,040
	1909	13	342	241	148	200	549
Typewriters and supplies	1919	5	6,539	4,777	7,512	4,793	16,961
	1914	7	4,662	3,676	2,802	1,461	7,178
	1909	8	2,934	2,034	1,898	1,041	4,016
Wirework, not elsewhere specified.	1919	20	537	608	462	966	2,295
	1914	20	646	644	350	663	1,330
	1909	28	1,420	1,517	684	1,648	3,345
Wood, turned and carved	1919	28	230	928	199	312	622
	1914	27	151	980	76	113	246
	1909	43	379	1,950	178	221	554
Wool shoddy	1919	9	303	2,593	287	3,111	3,762
	1914	6	135	1,491	56	228	341
	1909	6	98	1,170	45	197	324
Woolen and worsted and felt goods.	1919	47	8,132	22,570	8,872	33,208	53,814
	1914	53	7,350	18,194	3,731	10,764	17,129
	1909	56	7,789	17,518	3,485	12,838	19,363
All other industries	1919	696	48,041	89,615	56,517	121,138	255,517
	1914	557	30,852	68,055	18,044	47,730	91,244
	1909	645	28,481	64,493	15,840	45,644	78,980
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
BRIDGEPORT—All industries.	1919	443	42,862	86,349	51,812	82,313	208,090
	1914	405	30,042	51,556	16,929	44,732	85,126
	1909	367	25,775	43,387	13,349	37,947	65,609
Bread and other bakery products.	1919	56	410	391	500	1,944	3,049
	1914	54	289	166	227	662	1,149
	1909	49	262	117	186	591	964
Confectionery and ice cream	1919	14	148	413	145	522	906
	1914	8	44	180	35	128	220
Copper, tin, and sheet-iron products.[4]	1919	21	265	261	230	397	978
	1914	13	387	600	207	354	763
	1909	9	287	253	124	263	492
Corsets	1919	6	3,252	2,343	2,346	7,057	11,565
	1914	8	4,435	2,156	1,639	4,616	7,640
	1909	5	3,659	984	1,349	3,802	6,899
Electrical machinery, apparatus, and supplies.	1919	8	2,582	2,440	2,397	4,652	9,897
	1914	7	1,681	1,782	808	2,216	4,284
	1909	5	1,400	1,440	575	1,842	3,321
Food preparations, not elsewhere specified.	1919	5	19	57	21	95	151
	1914	5	6	25	2	18	29
Foundry and machine-shop products.[5]	1919	77	8,088	13,171	11,499	10,904	30,955
	1914	57	5,351	8,464	3,098	4,249	10,288
	1909	48	4,904	10,555	2,716	4,336	9,752
Lumber and timber products.[6]	1919	8	152	1,049	183	652	1,121
	1914	8	246	1,080	184	424	782
	1909	6	222	1,006	148	470	732
BRIDGEPORT—Continued. Marble and stone work	1919	3	27	164	39	51	150
	1914	4	28	159	27	36	89
	1909	7	43	148	32	43	102
Mineral and carbonated waters.	1919	14	32	36	36	85	183
	1914	10	12	39	8	19	49
	1909	10	22	41	16	16	52
Models and patterns, not including paper patterns.	1919	6	28	62	39	18	88
	1914	6	34	32	23	13	81
	1909	7	38	27	33	10	56
Printing and publishing [7].	1919	41	266	340	315	536	1,567
	1914	41	215	310	174	188	739
	1909	35	172	303	120	127	512
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	4	526	1,061	499	1,011	1,984
	1914	5	565	911	295	767	1,641
Suspenders, garters, and elastic woven goods.	1919	4	174	162	166	789	1,390
	1914	4	212	93	100	319	427
Tobacco, cigars	1919	16	50	1	61	99	230
	1914	19	43	.....	27	30	87
	1909	16	35	.....	20	21	69
All other industries	1919	160	26,843	64,398	33,336	53,501	143,876
	1914	156	16,494	35,559	10,075	30,693	56,858
	1909	170	14,731	28,513	8,030	26,426	42,658

[1] Excludes statistics for 2 establishments, to avoid disclosure of individual operations.
[2] Includes "perfumery and cosmetics."
[3] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing," in all years; and "lithographing" in 1914 and 1909.
[4] Includes "stamped and enameled ware, not elsewhere specified."
[5] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, tempering and welding"; "machine tools"; "steam fittings and steam and hot-water heating apparatus"; and "textile machinery and parts" in all years; and "structural ironwork, not made in steel works or rolling mills" in 1919 and 1914.
[6] Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills."
[7] Includes "engraving, steel and copper plate, including plate printing" in all years, and "bookbinding and blank-book making" in 1919 and 1914.

TABLE 33.—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.		
HARTFORD..... All industries.	1919	504	26,264	35,100	31,441	48,319	118,003
	1914	380	17,137	22,390	11,312	17,644	42,831
	1909	396	14,627	19,410	9,374	17,863	40,680
Brass and bronze products	1919	4	101	165	124	266	497
	1914	6	88	113	59	108	238
	1909	6	51	43	39	104	183
Bread and other bakery products.	1919	50	299	348	416	1,807	2,727
	1914	42	300	204	218	726	1,178
	1909	37	241	89	172	668	1,105
Clothing, women's.....	1919	11	295	48	213	1,005	1,659
	1914	5	353	53	142	218	477
	1909	6	361	32	103	99	269
Copper, tin, and sheet-iron work.	1919	20	99	52	126	204	441
	1914	12	70	20	53	80	168
	1909	6	43	89	29	36	95
Electrical machinery, apparatus, and supplies.	1919	10	1,390	1,178	1,427	2,547	6,104
	1914	9	1,310	914	717	989	2,752
	1909	10	780	599	382	622	1,704
Foundry and machine-shop products.[1]	1919	92	5,013	8,622	6,605	6,522	20,541
	1914	45	2,506	3,526	1,871	1,779	5,180
	1909	52	2,768	4,128	2,014	2,142	6,549
Liquors, malt.....	1919	4	135	1,194	172	504	1,790
	1914	4	182	963	191	614	1,459
	1909	4	138	483	125	444	1,256
Lumber and timber products.[2]	1919	15	181	1,145	215	1,009	1,658
	1914	16	223	915	166	331	647
	1909	15	195	929	141	224	473
Marble and stone work....	1919	5	27	204	40	38	116
	1914	7	39	165	29	49	112
	1909	7	43	154	38	84	175
Mineral and carbonated waters.	1919	6	29	39	30	76	179
	1914	9	26	28	17	34	89
	1909	9	27	243	15	17	56
Models and patterns, not including paper patterns.	1919	5	71	54	112	34	200
	1914	5	50	51	47	12	85
	1909	6	56	63	47	12	90
Printing and publishing [3]..	1919	76	976	1,151	1,268	1,757	4,673
	1914	64	904	1,028	593	789	2,464
	1909	68	866	1,111	541	620	2,008
Tobacco, cigars.....	1919	26	216	3	273	383	849
	1914	27	280	6	208	286	661
	1909	28	272	2	184	213	517
Tools, not elsewhere specified.	1919	6	209	293	253	282	1,132
	1914	4	4	6	3	4	19
All other industries.....	1919	174	17,223	20,604	20,167	31,735	75,437
	1914	125	10,802	14,398	6,998	11,625	27,302
	1909	142	8,786	11,445	5,544	12,578	26,200
NEW BRITAIN..... All industries.	1919	116	17,212	25,424	19,631	22,166	63,622
	1914	120	14,320	17,137	7,355	8,385	23,227
	1909	111	13,513	14,363	6,741	8,328	22,021
Bread and other bakery products.	1919	13	92	96	122	474	749
	1914	18	114	73	78	217	367
	1909	16	88	23	50	144	246
Foundry and machine-shop products.[4]	1919	21	9,167	15,874	10,748	11,560	34,824
	1914	20	7,653	9,013	4,096	4,102	12,265
	1909	20	7,493	8,293	3,835	4,460	11,648
Mineral and carbonated waters.	1919	5	5	8	6	17	31
	1914	5	4	10	3	5	13
	1909	4	3	2	1	4	12
Printing and publishing [5]..	1919	11	141	139	119	79	385
	1914	12	135	87	77	81	220
	1909	10	106	67	45	53	163
NEW BRITAIN—Continued. Tobacco, cigars.....	1919	8	21	.....	22	42	80
	1914	10	65	1	38	46	107
	1909	10	60	1	34	44	102
All other industries.....	1919	58	7,786	9,307	8,614	9,994	27,553
	1914	55	6,349	7,953	3,063	3,934	10,255
	1909	51	5,763	5,977	2,776	3,623	9,850
NEW HAVEN..... All industries.	1919	769	30,874	48,473	31,435	55,297	125,456
	1914	538	24,993	38,180	14,462	27,317	57,752
	1909	588	23,497	31,257	12,752	24,152	50,870
Automobile bodies and parts.	1919	18	531	681	687	1,664	3,100
	1914	12	492	935	377	609	1,373
	1909	9	511	351	400	762	1,508
Bread and other bakery products.	1919	86	361	513	493	2,161	3,368
	1914	67	374	317	233	866	1,526
	1909	65	370	163	230	876	1,473
Clothing, men's, including shirts.	1919	52	169	62	138	297	612
	1914	8	63	19	28	63	110
	1909	10	42	6	19	67	111
Confectionery and ice cream.	1919	20	408	799	212	1,142	1,998
	1914	13	241	406	134	498	913
Copper, tin, and sheet-iron work.	1919	24	54	17	67	112	254
	1914	8	77	22	39	67	142
	1909	10	57	30	31	62	155
Food preparations, not elsewhere specified.	1919	9	89	206	69	307	615
	1914	6	82	112	28	161	320
	1909	3	32	.....	14	35	114
Foundry and machine-shop products.[6]	1919	95	4,896	6,617	5,299	5,394	16,459
	1914	51	4,171	4,276	2,265	2,707	7,027
	1909	55	5,190	4,393	2,885	3,005	7,806
Furniture.....	1919	12	179	244	205	315	823
	1914	8	192	333	35	93	209
	1909	10	101	254	57	133	252
Jewelry.....	1919	8	11	14	16	29	67
	1914	6	7	7	6	12	31
	1909	7	15	5	7	27	55
Liquors, malt.....	1919	3	93	895	138	298	1,621
	1914	4	123	640	122	342	1,303
	1909	4	114	607	100	326	1,290
Lumber and timber products.[7]	1919	24	182	982	203	504	970
	1914	16	187	853	128	403	635
	1909	19	229	948	142	366	609
Marble and stone work....	1919	11	31	109	44	61	153
	1914	10	25	79	24	20	68
	1909	10	47	65	40	25	86
Mattresses and spring beds, not elsewhere specified.	1919	8	37	63	53	159	266
	1914	4	25	37	16	66	105
	1909	5	33	.....	14	62	98
Mineral and soda waters...	1919	18	30	88	36	136	280
	1914	12	31	28	19	36	73
	1909	13	37	.....	23	34	87
Printing and publishing [8]..	1919	87	624	857	566	1,087	3,357
	1914	74	515	615	360	442	1,720
	1909	71	512	508	332	334	1,323
Tobacco, cigars.....	1919	34	700	46	727	785	2,271
	1914	44	747	25	524	568	1,432
	1909	60	623	40	378	447	1,110
Tools, not elsewhere specified.	1919	8	300	362	330	253	1,065
	1914	6	364	497	241	140	549
	1909	6	232	191	133	87	400
All other industries.....	1919	252	22,179	35,918	22,152	40,393	88,177
	1914	189	17,277	28,979	9,883	20,224	40,216
	1909	231	15,352	23,696	7,947	17,504	34,393

[1] Includes "engines, steam, gas, and water"; "hardware"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years: "pumps, steam and other power" in 1914 and 1909; and "automobile repairing" in 1919.

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

[4] Includes "hardware," and "hardware, saddlery" in all years; "steam fittings and steam and hot-water heating apparatus" in 1919 and 1914; "plumbers' supplies, not elsewhere specified" in 1914 and 1909; and "automobile repairing" and "structural ironwork, not made in steel works or rolling mills" in 1919.

[5] Includes "bookbinding and blank-book making" in 1914 and 1909.

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

[7] Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mill products, not including planing mills connected with sawmills" in all years; and "window and door screens" in 1919.

[8] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing" in all years; and "lithographing" in 1914 and 1909.

TABLE 33.—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.)
WATERBURY..... All industries.	1919	253	30,322	62,550	35,886	67,312	130,193
	1914	190	20,189	46,714	11,503	31,618	50,659
	1909	169	20,170	37,518	11,244	28,726	50,350
Brass, bronze, and copper products.	1919	21	18,008	46,054	21,931	50,020	86,484
	1914	16	10,010	33,637	5,818	24,238	32,624
	1909	15	9,603	26,530	5,451	21,599	31,462
Bread and other bakery products.	1919	31	154	202	194	850	1,317
	1914	27	121	74	92	325	559
	1909	20	133	40	90	325	505
Confectionery and ice cream.	1919	8	36	197	39	191	302
	1914	8	17	34	10	50	104
Foundry and machine-shop products.[1]	1919	56	2,975	4,746	3,976	3,557	11,222
	1914	23	1,857	4,265	1,161	1,337	3,382
	1909	23	2,007	2,359	1,282	1,306	3,558
Mineral and carbonated waters.	1919	10	26	29	22	91	171
	1914	7	25	37	11	41	82
	1909	6	17	15	8	15	49
WATERBURY—Con.							
Printing and publishing[2].	1919	21	114	230	150	176	722
	1914	17	173	233	148	115	426
	1909	15	181	186	129	97	399
Stamped ware, not elsewhere specified.	1919	5	661	585	715	715	1,981
	1914	4	783	840	331	425	1,067
	1909	3	816	381	339	373	931
Tobacco, cigars.....	1919	11	30	1	35	39	104
	1914	15	43	.....	28	31	84
	1909	18	67	1	36	41	115
All other industries.....	1919	90	8,318	10,506	8,824	11,673	27,890
	1914	73	7,160	7,594	3,904	5,056	12,331
	1909	69	7,346	8,006	3,909	4,970	13,331

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

INDUSTRY AND CITY.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
ANSONIA.....	1919	50	6,102	19,849	7,809	33,482	47,736
	1914	42	4,312	14,494	2,412	17,212	21,499
	1909	53	4,127	13,209	2,384	14,611	20,088
BRISTOL.....	1919	68	7,592	18,013	9,049	12,988	30,690
	1914	90	4,180	7,131	2,375	3,906	7,898
DANBURY.....	1919	108	5,033	7,669	5,049	14,205	25,745
	1914	126	5,304	6,802	2,967	5,814	10,602
	1909	131	4,810	5,660	2,858	4,879	10,318
MERIDEN.....	1919	162	8,794	11,362	9,115	15,651	34,261
	1914	127	8,166	8,045	4,696	7,035	16,746
	1909	120	7,845	6,615	4,235	6,943	16,317
MIDDLETOWN.....	1919	88	3,985	6,953	3,928	10,807	18,159
	1914	72	2,389	4,569	1,222	3,258	5,643
	1909	58	2,434	3,333	1,003	2,943	4,955
NAUGATUCK.....	1919	27	5,030	11,562	5,172	9,308	19,993
	1914	28	3,539	7,510	2,017	4,951	9,575
	1909	24	3,464	5,967	1,967	7,329	11,033
NEW LONDON.....	1919	91	2,241	6,329	2,372	5,337	10,274
	1914	80	2,154	3,799	1,085	2,831	4,940
	1909	70	2,225	2,912	926	2,531	4,483
NORWALK.....	1919	132	5,633	6,360	5,446	12,973	25,519
	1914	107	4,963	4,705	2,459	4,319	9,009
NORWICH.....	1919	121	5,018	17,092	5,243	15,167	28,626
	1914	105	4,074	13,537	2,154	4,505	8,471
	1909	89	4,101	11,462	1,996	4,277	8,379
STAMFORD.....	1919	116	7,939	18,544	9,417	20,106	39,121
	1914	83	5,723	7,677	3,202	6,374	12,964
	1909	86	3,984	6,554	2,350	3,704	8,740
TORRINGTON.....	1919	63	6,608	17,920	7,175	16,267	29,241
	1914	54	4,974	8,445	2,649	9,165	14,315
	1909	54	4,488	7,165	2,384	7,463	12,550
WILLIMANTIC.....	1919	43	3,625	11,495	3,486	11,819	22,987
	1914	51	3,507	9,946	1,538	4,585	9,564
	1909	47	3,020	10,566	1,235	3,194	6,733

[1] Includes "hardware" and "iron and steel, welding," in all years; "plumbers' supplies, not elsewhere specified," and "structural ironwork, not made in steel works or rolling mills," in 1919 and 1914; and "automobile repairing" in 1919.
[2] Includes "bookbinding and blank-book making" in 1914 and 1909.

TABLE 34.—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.															Dollars.
1	All industries	4,872	338,033	3,920	11,718	16,239	13,484	292,672	De 316,858	Ap 279,347	(3)	(3)	(3)	(3)	(3)	1,232,324,318
2	Ammunition	3	15,385	.....	595	1,103	1,198	12,489	Ja 15,816	Au 10,869	13,181	9,243	3,851	50	37	44,189,578
3	Artificial stone products	15	135	12	16	2	5	100	De 150	Fe 43	153	148	.....	5	.....	237,651
4	Automobile bodies and parts	53	1,392	50	73	54	51	1,164	De 1,494	Ja 863	1,504	1,420	43	20	21	4,924,071
5	Automobile repairing	301	1,590	294	102	39	82	1,073	Au 1,149	Ja 957	1,113	1,091	20	2	.....	2,706,780
6	Awnings, tents, and sails	29	105	25	4	2	6	68	Je 97	Ja 50	76	41	33	1	1	168,519
7	Bags, other than paper, not including bags made in textile mills.	3	7	2	.....	.....	.....	5	Se [4] 10	Ja [4] 2	10	6	4	.....	.....	30,215
8	Belting, leather	8	320	2	18	37	16	247	Ja 301	My 206	292	274	13	3	2	3,241,340
9	Bookbinding and blank-book making	16	91	17	3	.....	5	66	De 73	Se 60	73	34	36	3	.....	104,729
10	Boots and shoes, not including rubber boots and shoes.	8	1,130	5	41	37	52	995	Se 1,110	Ja 793	1,581	573	573	418	17	1,878,655
11	Boots and shoes, rubber	5	7,390	.....	245	361	345	6,439	Fe 6,600	My 6,209	6,338	3,379	2,689	92	178	29,235,801
12	Boxes, paper and other, not elsewhere specified.	44	2,470	14	84	51	54	2,267	.....	.....	2,458	1,018	1,157	49	234	5,857,943
13	Set-up paper boxes	27	1,182	11	39	2	29	1,101	De 1,210	Ja 996	1,170	318	667	21	161	1,295,322
14	All other	17	1,288	3	45	49	25	1,166	De 1,288	Fe 1,065	1,288	700	490	25	73	4,562,621
15	Boxes, wooden packing, except cigar boxes.	12	63	13	6	.....	2	42	Mh 50	Je 35	44	43	.....	1	.....	155,317
16	Brass, bronze, and copper products	75	33,352	37	944	1,825	966	29,580	.....	.....	30,891	27,340	3,476	61	14	127,028,693
17	Brass and bronze products	66	28,294	35	821	1,608	818	24,982	Ja 31,439	My 21,853	25,678	22,421	3,184	59	14	111,399,418
18	Copper, and all other products	9	5,058	2	123	217	118	4,598	De 5,213	Ap 4,131	5,213	4,919	292	2	.....	15,629,275
19	Bread and other bakery products	494	3,012	537	91	194	170	2,020	De 2,131	Fe 1,913	2,154	1,859	253	35	7	5,962,519
20	Brick and tile, and fire-clay products	30	945	19	61	22	8	835	Jy 1,149	Ja [4] 393	825	820	2	3	.....	3,172,974
21	Brooms, from broom corn	4	15	5	.....	.....	.....	10	Jy 14	Ja [4] 9	9	9	.....	.....	.....	31,878
22	Brushes	13	261	13	15	8	45	180	Ap 240	Ja 119	185	130	54	1	.....	602,143
23	Butter	17	47	5	5	1	1	35	Mh 38	Ja [4] 33	34	32	2	.....	.....	219,736
24	Buttons	16	898	17	48	31	34	768	Se 805	Fe 725	786	417	306	29	34	2,128,349
25	Canning and preserving, fruits and vegetables.	5	63	5	6	1	2	49	Se 215	Mh 1	144	57	87	.....	.....	105,452
26	Carpets, rag	7	29	11	.....	.....	.....	18	Oc [4] 19	Ja [4] 17	18	11	7	.....	.....	19,890
27	Carriage and wagon materials	7	34	6	3	1	1	23	Ja 34	Oc 19	22	22	.....	.....	.....	89,910
28	Carriages and wagons, including repairs.	49	207	46	10	5	1	145	.....	.....	144	144	.....	.....	.....	391,901
29	Carriages and wagons	15	96	13	8	3	1	71	Au 78	Mh 67	72	72	.....	.....	.....	173,446
30	Repair work only	34	111	33	2	2	.....	74	My [4] 78	De 71	72	72	.....	.....	.....	221,458
31	Cars and general shop construction and repairs by electric-railroad companies.	22	475	.....	4	15	2	454	Ja 459	Au 448	466	465	1	.....	.....	1,918,702
32	Cheese	5	16	4	2	.....	1	9	Ja 29	Jy [4] 3	25	25	.....	.....	.....	48,915
33	Cleansing and polishing preparations	9	46	7	9	5	2	23	.....	.....	20	14	6	.....	.....	115,713
34	Cleansing preparations	4	7	5	.....	.....	.....	2	(5) 2	(5) 2	2	2	.....	.....	.....	8,710
35	Polishing preparations	5	39	2	9	5	2	21	Jy 34	De 13	18	12	6	.....	.....	107,003
36	Clocks	8	5,270	.....	141	97	107	4,925	De 5,307	Ja 4,258	5,307	3,574	1,466	146	121	8,929,182
37	Clothing, men's	69	856	96	17	117	15	611	.....	.....	710	308	369	20	13	1,097,526
38	Regular factory products	29	633	34	17	17	15	550	.....	.....	599	277	290	20	12	1,068,578
39	Men's and youths'	21	535	27	11	13	10	474	No 493	My 455	504	245	248	2	9	860,162
40	All other	8	98	7	6	4	5	76	Se 99	Ja 39	95	32	42	18	3	208,416
41	Contract work	40	223	62	.....	100	.....	61	De 111	Je 42	111	31	79	.....	1	28,948
42	Clothing, women's	60	2,298	71	78	42	49	2,058	.....	.....	2,263	261	1,914	12	73	2,974,295
43	Regular factory products	42	1,971	53	67	41	46	1,764	.....	.....	1,857	259	1,522	12	64	2,900,732
44	Suits, skirts, and cloaks	5	127	9	3	.....	1	114	Ap 157	Je 42	146	73	70	.....	3	87,412
45	Shirt waists and dresses, except house dresses.	26	813	22	23	16	21	731	My 816	Ja 535	718	80	618	2	18	833,524
46	Undergarments and petticoats	8	505	8	17	6	6	468	Jy 563	Fe 364	482	37	425	7	13	758,867
47	Wrappers and house dresses	4	107	9	2	4	3	89	My 117	Fe 68	84	5	79	.....	.....	201,042
48	All other	5	419	5	22	15	15	362	De 427	Ap 248	427	64	330	3	30	1,019,887
49	Contract work	18	327	18	11	1	3	294	.....	.....	406	5	392	.....	9	73,563
50	Shirt waists, dresses, and wrappers.	10	259	8	10	1	3	237	Je 282	Ja 178	289	4	283	.....	2	43,323
51	All other	8	68	10	1	.....	.....	57	No 125	Mh 25	117	1	109	.....	7	30,240
52	Coffee, roasting and grinding	13	62	11	6	10	7	28	Fe 31	Mh 25	28	18	8	1	1	351,272
53	Coffins, burial cases, and undertakers' goods.	4	90	.....	10	31	13	36	Ja [4] 39	Se 33	34	31	3	.....	.....	360,351
54	Confectionery and ice cream	121	1,157	149	53	41	65	849	.....	.....	779	455	248	11	65	2,796,634
55	Confectionery	48	600	64	17	23	24	472	Fe 565	Au 426	443	169	201	10	63	1,047,377
56	Ice cream	73	557	85	36	18	41	377	Jy 544	Ja 268	336	286	47	1	2	1,749,257
57	Cooperage, hogsheads and barrels	9	36	12	1	.....	3	20	De 24	Mh 14	24	24	.....	.....	.....	152,356
58	Copper, tin, and sheet-iron work	81	462	85	33	16	36	292	Au 334	Mh 235	339	334	1	4	.....	1,173,282
59	Cordage and twine	9	395	4	26	6	11	348	Au 366	Ap 330	375	170	172	17	16	1,318,349
60	Corsets	19	6,179	10	192	167	194	5,616	De 6,136	Ja 5,064	6,161	926	5,000	43	192	12,905,173
61	Cotton goods	47	16,698	12	334	377	328	15,647	De 16,277	Ap 15,157	16,271	9,182	6,315	385	389	85,809,530
62	Cotton lace	5	808	.....	43	19	18	728	De 815	Fe 579	815	378	396	5	36	3,854,165
63	Cotton small wares	5	143	.....	10	7	18	108	De 128	Fe 91	128	30	81	3	14	334,286
64	Cutlery and edge tools	37	3,673	13	127	55	54	3,424	.....	.....	3,674	3,161	410	78	25	8,175,147
65	Table cutlery	8	585	4	16	9	13	543	De 594	Ja 454	585	466	95	20	4	1,036,516
66	Scissors, shears, and clippers	6	829	1	51	16	15	746	De 824	Jy 691	824	670	123	25	6	1,774,828
67	Pocket knives	9	843	3	30	8	11	791	My 881	Jy 948	885	673	174	25	13	1,471,842
68	All other	14	1,416	5	30	22	15	1,344	De 1,380	Ja 1,277	1,380	1,352	18	8	2	3,891,961
69	Druggists' preparations	6	35	.....	7	4	3	21	Fe 34	No 14	27	20	7	.....	.....	245,758
70	Dyeing and finishing textiles, exclusive of that done in textile mills.	16	2,062	3	48	48	45	1,918	De 2,295	Ja 1,444	2,300	1,901	325	56	18	8,626,670
71	Electrical machinery, apparatus, and supplies.	54	13,344	15	472	784	670	11,403	De 13,828	Ap 9,648	13,872	8,713	4,930	120	109	44,916,089

[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.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 43,472,169	*Dollars.* 38,313,019	*Dollars.* 324,682,251	*Dollars.* 3,980,238	*Dollars.* 2,364,541	*Dollars.* 61,087,474	*Dollars.* 656,772,879	*Dollars.* 29,164,320	*Dollars.* 1,392,431,620	*Dollars.* 706,494,421	664,691	230,934	109,812	10,928	70,252	242,765	154,573	1
2,169,609	1,716,803	12,253,790	.....	.....	2,091,563	15,073,855	859,866	39,996,945	24,063,224	21,542	3,530	10,170	2,085	96	5,661	12,552	2
34,486	4,758	124,471	20	2,450	2,630	70,429	6,169	308,664	232,066	140	25	.....	17	.....	98	.....	3
278,908	147,142	1,465,134	3,000	58,721	88,933	3,026,007	65,995	6,197,757	3,105,755	1,745	370	.....	43	.....	1,332	8	4
179,260	106,335	1,333,965	13,208	172,541	34,597	1,598,716	91,228	4,545,446	2,855,502	1,093	10	.....	135	.....	948	2	5
4,077	4,983	60,714	.....	9,812	1,095	148,123	1,912	289,503	139,468	37	.....	.....	.....	.....	37	.....	6
.....	.....	2,904	.....	412	13	17,058	351	27,362	9,953	6	.....	.....	.....	.....	6	.....	7
103,075	99,990	285,258	.....	14,735	68,907	2,777,684	17,521	3,930,487	1,135,282	377	155	.....	.....	.....	222	3	8
7,088	4,217	60,903	5,912	5,974	849	62,305	1,175	194,612	131,132	66	.....	.....	.....	.....	66	.....	9
120,381	98,607	824,152	.....	16,804	84,388	2,169,585	9,822	3,764,778	1,585,371	288	40	.....	.....	.....	248	.....	10
544,000	739,740	5,741,236	.....	.....	509,145	9,287,388	240,159	22,451,339	12,923,792	10,297	6,125	150	.....	1,212	2,810	1,623	11
326,254	237,797	1,551,464	5,692	36,201	343,925	3,271,435	70,679	7,446,403	4,104,289	3,027	187	1,600	.....	25	1,215	2,036	12
110,171	49,230	756,952	5,692	25,510	75,548	944,365	28,889	2,384,725	1,411,471	1,087	162	.....	.....	25	900	27	13
216,083	188,567	794,512	.....	10,691	268,377	2,327,070	41,790	5,061,678	2,692,818	1,940	25	1,600	.....	.....	315	2,609	14
16,901	1,300	43,050	.....	4,276	1,291	281,314	2,405	398,633	114,914	243	70	.....	3	.....	170	.....	15
3,703,098	4,206,239	36,386,425	19,297	40,312	4,546,506	101,556,291	5,682,102	169,550,248	59,311,855	121,319	25,250	45,712	435	2,305	47,617	26,403	16
3,108,918	3,616,677	30,472,994	19,297	39,040	3,251,950	73,755,020	4,762,591	128,859,244	50,341,633	100,950	19,800	42,337	435	1,045	37,333	20,334	17
594,180	589,562	5,913,431	.....	1,272	1,294,556	30,801,271	919,511	40,691,004	8,970,222	20,369	5,450	3,375	.....	1,260	10,284	6,069	18
188,013	354,190	2,650,768	7,937	205,139	110,411	10,556,379	381,560	17,111,881	6,173,942	2,196	35	.....	28	1	2,132	15	19
160,158	31,538	989,102	5,164	8,029	43,618	178,514	284,979	2,294,001	1,830,508	3,814	1,570	.....	82	.....	2,162	.....	20
.....	.....	6,012	94	96	170	30,322	310	43,882	13,250	9	.....	.....	3	.....	6	.....	21
75,023	53,736	180,158	1,108	10,365	13,126	771,313	3,200	1,779,118	1,004,605	157	.....	.....	44	21	92	.....	22
4,146	1,085	31,970	51	420	1,849	618,370	12,232	783,664	153,062	346	125	.....	.....	.....	221	.....	23
140,821	85,969	654,295	10,051	7,549	95,879	624,228	40,254	1,955,701	1,291,219	1,154	390	.....	63	267	434	12	24
13,350	1,500	22,298	287	1,100	1,275	62,372	1,699	124,012	59,941	107	95	.....	12	.....	.....	.....	25
.....	.....	14,941	1,220	394	404	11,634	639	46,035	33,762	18	.....	.....	.....	.....	18	.....	26
7,675	333	28,279	.....	940	950	94,409	3,708	157,540	59,423	127	80	.....	.....	.....	47	.....	27
19,843	6,759	153,972	1,053	8,921	3,477	218,231	9,135	519,933	292,567	356	35	.....	120	60	141	.....	28
17,120	4,640	74,919	1,053	5,456	1,919	60,182	5,507	213,000	147,311	214	35	.....	38	60	81	.....	29
2,723	2,119	79,053	.....	3,465	1,558	158,049	3,628	306,933	145,256	142	.....	.....	82	.....	60	.....	30
5,388	25,491	521,874	2,000	.....	.....	495,284	7,132	1,062,676	560,260	1,321	10	.....	.....	.....	1,311	5	31
2,110	264	11,387	.....	1,886	126	97,465	1,500	116,884	17,919	62	50	12	.....	.....	.....	.....	32
23,879	6,047	21,224	.....	2,904	10,399	165,422	1,505	342,175	175,248	6	.....	.....	.....	.....	6	.....	33
.....	.....	1,400	.....	240	36	11,374	100	24,637	13,163	.....	.....	.....	.....	.....	.....	.....	34
23,879	6,047	19,824	.....	2,754	10,363	154,048	1,405	317,538	162,085	6	.....	.....	.....	.....	6	.....	35
444,333	358,660	4,068,276	.....	416	420,197	3,975,141	144,708	12,904,421	8,784,572	4,397	2,310	150	.....	255	1,682	787	36
54,238	36,150	658,573	57,176	30,754	4,584	1,502,196	11,471	2,709,511	1,195,844	163	.....	.....	.....	.....	163	.....	37
53,338	36,150	604,864	56,506	24,913	4,545	1,500,234	9,224	2,559,118	1,049,660	145	.....	.....	.....	.....	145	.....	38
38,594	28,693	516,311	56,506	21,961	3,939	1,245,029	7,943	2,144,897	891,925	126	.....	.....	.....	.....	126	.....	39
14,744	7,457	88,553	.....	2,952	606	255,205	1,281	414,221	157,735	19	.....	.....	.....	.....	19	.....	40
900	.....	53,709	670	5,841	39	1,962	2,247	150,393	146,184	18	.....	.....	.....	.....	18	.....	41
217,492	143,330	1,316,631	106,950	45,642	45,847	4,032,459	34,634	7,426,967	3,359,874	486	200	.....	.....	.....	286	21	42
204,229	141,942	1,131,053	106,625	33,265	45,607	4,026,034	31,359	6,953,083	2,895,690	423	200	.....	.....	.....	223	21	43
3,809	.....	104,813	.....	2,650	391	265,749	3,523	447,031	177,759	21	.....	.....	.....	.....	21	.....	44
82,242	62,354	483,987	94,337	16,353	3,138	1,894,657	6,197	3,331,204	1,430,350	83	.....	.....	.....	.....	83	.....	45
56,699	10,128	257,648	3,556	10,687	22,967	1,098,545	7,656	1,589,768	483,567	69	.....	.....	.....	.....	69	.....	46
6,801	9,179	83,631	276	1,910	952	172,022	2,293	313,879	139,564	27	.....	.....	.....	.....	27	.....	47
54,678	60,281	200,944	8,456	1,665	18,159	595,061	11,690	1,271,201	664,450	223	200	.....	.....	.....	23	21	48
13,263	1,388	185,578	325	12,377	240	6,425	3,275	473,884	464,184	63	.....	.....	.....	.....	63	.....	49
12,663	1,388	149,439	325	9,202	139	5,044	2,092	427,529	420,393	48	.....	.....	.....	.....	48	.....	50
600	.....	36,139	.....	3,175	101	1,381	1,183	46,355	43,791	15	.....	.....	.....	.....	15	.....	51
14,110	15,757	18,669	60	5,329	5,986	644,337	6,275	733,249	82,637	87	.....	.....	.....	.....	87	.....	52
32,812	21,895	37,505	.....	7,674	18,014	169,342	2,786	452,561	280,433	51	25	.....	.....	.....	26	.....	53
151,735	92,532	641,014	50	78,674	165,239	2,938,715	118,154	5,259,881	2,203,012	2,376	401	38	3	.....	1,934	108	54
69,777	36,133	238,090	.....	39,817	85,747	924,973	28,411	1,852,073	898,689	518	156	.....	.....	.....	362	.....	55
81,958	56,399	402,924	50	38,857	79,492	2,013,742	89,743	3,407,808	1,304,323	1,858	245	38	3	.....	1,572	108	56
2,187	1,341	26,261	.....	1,110	1,857	121,354	1,134	197,252	74,764	20	.....	.....	.....	.....	20	.....	57
80,697	54,296	358,916	5,868	32,744	11,096	654,359	17,677	1,427,119	755,083	187	.....	.....	24	.....	163	.....	58
60,222	13,213	225,948	350	780	17,271	1,426,142	11,886	1,932,997	494,969	1,160	.....	.....	.....	1,077	83	78	59
898,362	603,721	4,155,629	30,772	13,478	564,961	12,213,394	83,516	20,674,864	8,377,954	3,310	2,815	.....	.....	.....	495	1,659	60
1,466,496	1,006,929	14,783,982	393,947	140,915	5,126,817	63,258,805	1,152,353	101,551,071	37,139,913	71,856	32,605	8,111	80	25,592	5,468	9,496	61
180,167	43,619	785,636	22,177	17,269	340,207	1,185,707	39,611	3,087,539	1,862,221	605	.....	.....	.....	.....	605	.....	62
26,107	22,316	78,390	.....	3,583	22,844	153,133	12,800	415,773	249,840	145	10	.....	.....	35	100	15	63
364,100	143,052	3,568,094	442	5,060	528,275	2,488,386	238,089	8,811,565	6,085,090	8,123	1,823	250	380	3,958	1,712	170	64
48,288	23,963	578,843	442	1,045	22,912	371,205	28,716	1,158,570	758,649	1,138	300	.....	185	415	238	.....	65
129,367	39,076	791,833	.....	123	241,861	237,660	32,210	2,130,588	1,860,718	1,216	290	250	.....	42	634	10	66
76,546	21,796	715,572	.....	2,192	64,726	577,011	32,830	1,708,445	1,098,604	839	348	.....	15	139	337	160	67
109,899	58,217	1,481,846	.....	1,700	198,776	1,302,510	144,333	3,813,962	2,367,119	4,930	885	.....	180	3,362	503	.....	68
9,420	9,055	18,207	.....	2,010	1,319	46,454	3,948	71,324	20,922	128	110	.....	.....	.....	18	.....	69
360,630	108,080	2,233,708	.....	4,401	504,395	3,043,674	406,445	8,350,098	4,899,979	9,427	3,279	628	.....	3,850	1,670	1,810	70
1,857,336	1,690,873	12,453,872	3,480	45,054	1,974,862	22,792,830	648,968	51,911,332	28,469,534	15,368	6,805	500	8	195	7,860	5,111	71

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

[2] Same number reported throughout the year.

TABLE 34.—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	Electroplating	14	66	17	3	.....	.....	46	De 50	Jy 41	51	50	1	.....	.....	73,381
2	Emery and other abrasive wheels	5	146	1	13	3	9	120	No 137	Ap 103	136	37	88	.....	11	374,430
3	Engines, steam, gas, and water	16	2,090	6	115	124	81	1,764	Ja 2,136	Oc 1,547	1,575	1,524	48	3	.....	8,990,784
4	Engraving and diesinking	15	36	16	.....	.....	.....	20	Au 22	Mh 18	27	26	.....	1	.....	55,098
5	Engraving, steel and copper plate, including plate printing.	7	44	6	3	4	5	26	De 35	Mh 16	34	23	8	3	.....	34,626
6	*Engraving, wood*	4	15	6	.....	.....	.....	9	Je 11	Mh 5	9	9	.....	.....	.....	9,327
7	Fancy articles, not elsewhere specified	10	591	9	15	24	39	504	Ap 537	Ja 472	560	260	249	28	23	2,369,303
8	Felt goods	8	378	.....	11	18	15	334	De 374	Ja 303	374	315	43	7	9	1,787,729
9	Fertilizers	6	266	4	25	39	10	188	Ap 308	Oc 132	172	172	.....	.....	.....	3,804,994
10	Files	3	21	1	1	1	.....	18	Ja [3] 21	De 14	14	14	.....	.....	.....	27,184
11	*Firearms*	9	4,952	3	74	176	138	4,561	Ja 8,075	Au 3,615	4,212	3,834	377	1	.....	30,174,424
12	Flour-mill and gristmill products	64	170	66	14	6	4	80	De 90	Mh 73	93	93	.....	.....	.....	1,932,131
13	Food preparations, not elsewhere specified.	45	284	53	20	14	17	186	.....	.....	197	134	63	.....	.....	818,712
14	Breadstuffs, macaroni, vermicelli, and noodles.	28	198	29	16	5	12	136	De 152	Fe 119	152	102	50	.....	.....	609,875
15	Peanut butter and sweetening sirups, other than cane.	3	9	1	1	.....	2	5	Ap [3] 8	Fe 2	9	5	4	.....	.....	46,367
16	All other	14	77	23	3	9	3	39	Je 55	No [3] 25	36	27	9	.....	.....	162,470
17	Foundry and machine-shop products	250	23,342	129	1,027	1,196	842	20,148	.....	.....	22,427	21,151	1,183	77	16	88,508,026
18	Boiler shops	8	450	2	17	32	22	377	De 421	Jy 338	422	418	1	3	.....	1,595,532
19	Foundries	35	3,913	8	235	145	90	3,435	De 3,950	My 3,039	3,952	3,787	151	9	5	12,981,617
20	Machine shops	190	14,365	114	613	802	623	12,213	De 13,551	Ja 10,749	13,568	12,583	916	58	11	57,189,563
21	*Machine shop and foundry combined.*	17	4,614	5	162	217	107	4,123	De 4,485	My 3,929	4,485	4,363	115	7	.....	16,741,314
22	Fur goods	11	60	12	.....	2	2	44	De 65	Jy 24	58	23	34	.....	1	142,709
23	Furniture	33	758	27	91	36	34	570	.....	.....	637	588	41	8	.....	2,245,500
24	Wood, including rattan and willow	19	437	16	40	18	15	348	De 385	Ja 304	389	349	36	4	.....	1,016,632
25	*Metal furniture and store and office fixtures.*	14	321	11	51	18	19	222	No 252	Mh 203	248	239	5	4	.....	1,198,868
26	Gas and electric fixtures	7	790	4	12	49	20	705	Au 793	Ja 565	754	649	89	13	3	1,775,713
27	Gas, illuminating and heating	22	1,785	.....	109	224	182	1,270	Au 1,331	No 1,229	1,249	1,225	16	8	.....	27,214,357
28	Glass, cutting, staining, and ornamenting.	15	162	14	7	9	16	122	De 166	Fe 87	169	152	17	.....	.....	313,453
29	Hand stamps	5	41	4	6	1	4	26	Ja [3] 29	Oc [3] 24	25	23	2	.....	.....	84,162
30	Hardware	64	21,375	19	514	860	1,368	18,614	.....	.....	20,720	16,195	4,056	293	176	59,810,318
31	*Builders'*	11	11,229	1	161	530	664	9,873	De 11,292	Ap 8,985	11,302	9,211	1,938	108	45	31,034,585
32	Piano and organ	6	456	3	42	10	14	387	De 420	Fe 335	434	323	63	38	10	1,619,411
33	Vehicle	9	1,357	3	45	65	43	1,201	De 1,338	Ja 990	1,338	1,125	211	2	.....	3,502,454
34	All other	38	8,333	12	266	255	647	7,153	De 7,527	Ja 6,883	7,646	5,536	1,844	145	121	23,603,368
35	Hardware, saddlery	4	1,555	.....	51	48	57	1,399	Au 1,477	Ap 1,232	1,454	1,105	330	11	8	4,628,201
36	*Hat and cap materials*	15	746	11	25	22	6	682	De 848	Ap 536	855	545	293	3	14	3,407,973
37	Hats and caps, other than felt, straw, and wool.	10	173	12	6	10	8	137	Oc 154	Ap 120	154	95	58	.....	1	388,118
38	Hats, fur-felt	41	5,012	29	165	126	112	4,580	De 5,302	Ja 3,787	5,531	4,179	1,222	84	46	11,996,703
39	House-furnishing goods, not elsewhere specified.	8	1,018	3	63	45	33	874	De 1,098	Ja 637	1,098	793	292	6	7	4,144,136
40	Ice, manufactured	9	103	8	16	7	5	67	Au 95	Fe 38	61	58	3	.....	.....	837,756
41	Iron and steel, steel works and rolling mills.	7	2,718	.....	66	102	82	2,468	Ja 2,824	Au 2,182	2,713	2,624	72	10	7	9,532,207
42	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	15	846	6	40	17	23	760	De 832	Je 700	833	701	106	12	14	2,644,598
43	Iron and steel, forgings, not made in steel works or rolling mills.	18	2,955	8	127	184	147	2,489	De 2,965	Ap 2,302	2,968	2,626	309	28	5	13,132,461
44	*Iron and steel, cut nails and spikes, not made in steel works or rolling mills.*	3	668	.....	20	117	31	500	Ja 571	No 457	475	271	175	10	19	2,027,893
45	Iron and steel, tempering and welding	18	62	11	9	4	5	33	.....	.....	37	37	.....	.....	.....	77,727
46	Treated iron and steel	3	20	1	4	3	.....	12	Mh 15	Jy [1] 11	11	11	.....	.....	.....	42,919
47	Welding	15	42	10	5	1	5	21	Oc [3] 25	Je 18	26	26	.....	.....	.....	34,808
48	Jewelry	20	196	13	12	12	10	149	Oc [3] 170	Mh 136	164	94	63	1	6	335,397
49	Knit goods	21	2,848	5	75	47	72	2,649	Jy 2,738	Ja 2,500	2,718	912	1,624	53	129	10,621,377
50	Lamps	5	938	3	29	21	28	857	De 925	Mh 790	924	670	239	8	7	2,707,792
51	Leather goods, *not elsewhere specified*	4	37	5	1	.....	.....	31	De 39	Mh 25	39	17	20	1	1	25,396
52	Leather, tanned, curried, and finished	7	195	1	19	6	1	168	De 229	Fe 114	224	207	13	4	.....	1,106,864
53	Lime	5	205	.....	9	4	1	191	Jy [3] 199	Mh 178	199	199	.....	.....	.....	946,037
54	Liquors, malt	15	503	3	56	34	5	405	Je 468	De 325	325	325	.....	.....	.....	5,808,176
55	Liquors, vinous	3	4	3	.....	.....	.....	1	(4) 1	(4) 1	1	1	.....	.....	.....	13,800
56	*Looking-glass and picture frames*	8	35	13	.....	3	4	15	Ja [3] 16	Mh [3] 14	15	15	.....	.....	.....	65,902
57	Lumber and timber products	189	948	214	22	9	9	694	De 858	Jy 495	1,158	1,152	4	2	.....	1,199,802
58	Lumber, planing-mill products, not including planing mills connected with sawmills.	91	1,342	79	96	72	58	1,037	De 1,161	Fe 889	1,164	1,158	5	1	.....	5,565,791
59	*Machine tools*	33	6,311	2	208	366	263	5,472	Ja 5,926	Ap 5,087	5,943	5,702	181	59	1	20,380,557
60	Marble and stone work	70	366	84	24	8	6	244	.....	.....	270	270	.....	.....	.....	898,415
61	Monuments and tombstones	58	208	72	12	2	4	118	Se 138	Ja 89	131	131	.....	.....	.....	437,101
62	Other marble and stone work except slate.	12	158	12	12	6	2	126	Jy 166	Mh 64	139	139	.....	.....	.....	461,311
63	Mattresses and spring beds, not elsewhere specified.	23	153	24	7	2	6	114	De 123	Fe 106	123	103	20	.....	.....	615,121
64	Millinery and lace goods, not elsewhere specified.	10	197	9	12	3	34	139	.....	.....	149	20	109	3	17	403,265
65	Trimmed hats and hat frames	3	60	2	3	1	24	30	Se 41	Ja 20	25	2	19	1	3	29,955
66	All other	7	137	7	9	2	10	109	Au 133	Ja 81	124	18	90	2	14	373,310

[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.

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

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
5,720	.....	55,549	.....	4,610	491	25,372	7,795	144,146	110,979	149	.....	.....	.....	.....	149	.....	1
29,156	17,686	98,902	.....	540	3,050	763,872	2,574	957,318	190,872	58	.....	.....	.....	.....	58	.....	2
412,493	265,015	2,104,281	15,115	13,117	193,785	3,194,692	99,203	7,309,474	4,015,579	4,882	50	400	1,670	.....	2,762	5,867	3
.....	.....	26,635	513	3,345	259	9,115	1,795	72,132	61,222	37	.....	.....	.....	.....	37	.....	4
8,200	2,924	21,775	250	4,060	676	23,440	386	81,088	57,262	14	.....	.....	6	.....	8	.....	5
.....	.....	18,028	1,092	1,250	16	6,654	243	43,970	37,073	9	.....	.....	.....	.....	9	.....	6
174,686	66,231	426,548	6,389	2,200	252,471	1,815,613	30,455	3,520,659	1,674,591	631	260	.....	20	177	174	.....	7
76,069	64,672	304,621	.....	.....	31,556	1,421,122	49,012	2,528,676	1,058,542	1,097	460	25	.....	340	272	.....	8
88,988	69,094	203,521	.....	.....	73,183	2,537,882	18,516	3,598,886	1,042,488	753	215	.....	.....	.....	538	.....	9
5,000	1,067	16,612	1,526	200	332	5,620	2,603	52,358	44,135	66	.....	.....	.....	.....	66	.....	10
374,561	453,093	6,050,283	.....	7,017	787,604	3,854,139	443,249	15,928,706	11,631,318	15,632	76	12,750	.....	40	2,766	9,000	11
19,058	8,596	84,520	200	6,302	57,289	2,067,213	15,872	2,507,114	424,029	2,351	566	.....	178	677	930	.....	12
41,955	33,617	172,201	.....	21,057	10,873	1,045,186	41,752	1,724,608	637,670	570	125	.....	13	.....	432	.....	13
35,226	17,657	133,472	.....	13,042	9,989	586,822	30,851	1,067,846	450,173	447	75	.....	13	.....	359	.....	14
1,629	1,560	5,371	.....	1,425	174	21,200	378	44,120	22,542	30	.....	.....	.....	.....	30	.....	15
5,100	14,400	33,358	.....	6,590	710	437,164	10,523	612,642	164,955	93	50	.....	.....	.....	43	.....	16
3,635,614	2,439,601	26,019,762	76,164	141,662	4,235,222	23,813,226	1,732,293	78,892,634	53,347,115	42,296	9,672	651	419	748	30,806	8,680	17
98,898	65,010	476,134	.....	4,380	64,593	600,080	42,111	1,742,356	1,099,265	988	373	.....	.....	.....	615	584	18
750,425	268,578	4,588,196	3,541	6,105	799,039	3,481,267	508,363	12,333,000	8,343,370	7,228	3,482	211	37	160	3,338	2,169	19
2,012,210	1,638,409	15,058,317	70,766	130,277	1,689,705	15,927,011	771,014	47,887,534	31,189,509	23,368	3,447	440	356	453	18,672	2,569	20
774,081	467,604	5,897,115	1,857	900	1,681,885	3,803,968	410,805	16,929,744	12,714,971	10,712	2,370	.....	26	135	8,181	3,358	21
.....	5,142	54,803	467	13,065	5,719	161,084	1,133	284,284	122,067	9	.....	.....	.....	.....	9	.....	22
215,350	95,859	645,110	9,126	15,274	103,249	983,275	34,980	2,564,191	1,545,936	1,015	295	.....	20	210	490	75	23
109,671	52,658	367,829	9,126	12,494	16,599	471,154	17,745	1,323,836	834,937	566	210	.....	20	80	256	75	24
105,679	43,201	277,281	.....	2,780	86,650	512,121	17,235	1,240,355	710,999	449	85	.....	.....	130	234	.....	25
59,830	131,649	799,289	.....	2,796	56,460	838,055	38,325	2,414,618	1,538,238	826	800	.....	.....	.....	26	700	26
283,587	360,028	1,687,091	5,785	13,846	565,502	547,692	2,641,922	8,346,845	5,157,231	3,071	1,861	695	.....	.....	515	1,726	27
17,774	16,817	117,455	136	5,587	3,571	161,574	12,282	393,591	219,735	94	.....	.....	1	.....	93	.....	28
16,872	3,431	28,482	.....	1,779	1,918	16,696	2,040	91,629	72,893	44	.....	.....	.....	.....	44	.....	29
1,903,110	2,741,267	20,784,906	796,436	26,860	3,085,827	18,929,217	1,274,983	61,751,355	41,547,155	27,443	10,725	5,830	370	863	9,655	6,758	30
654,189	1,483,384	11,641,755	500	3,502	1,575,129	9,798,851	792,297	32,652,855	22,061,707	15,955	5,858	4,230	.....	5	5,862	4,443	31
124,157	25,717	402,133	.....	2,360	40,498	563,023	19,688	1,597,661	1,014,950	530	325	.....	75	35	95	5	32
189,749	117,780	1,264,496	77,690	10,676	72,202	2,073,862	54,752	4,418,330	2,289,716	1,292	370	.....	10	32	880	198	33
935,015	1,114,386	7,476,522	718,246	10,322	1,397,998	6,493,481	408,246	23,082,509	16,180,782	9,666	4,172	1,600	285	791	2,818	2,112	34
183,843	100,462	1,504,147	.....	.....	723,978	1,309,458	147,393	5,399,507	3,942,656	1,575	385	1,000	.....	.....	190	1,225	35
59,992	35,537	610,700	1,132	11,341	98,329	2,989,402	67,605	4,931,487	1,874,480	1,789	900	.....	.....	160	729	204	36
16,518	38,852	178,462	.....	5,823	1,366	508,588	2,562	898,545	387,395	18	.....	.....	.....	.....	18	.....	37
858,072	496,934	5,099,015	527	37,694	411,092	11,900,204	304,472	23,152,468	10,947,702	5,311	3,475	.....	.....	.....	1,836	874	38
107,648	92,306	808,210	124	287	133,294	2,949,344	67,277	4,673,198	1,656,577	3,115	1,200	350	40	487	1,038	.....	39
36,655	14,792	90,988	.....	2,077	26,345	73,778	115,933	495,820	306,109	1,646	1,150	45	105	.....	346	91	40
295,915	254,421	3,097,900	.....	1,715	266,254	3,456,281	785,573	9,583,036	5,341,182	14,890	11,998	706	.....	.....	2,186	4,724	41
115,667	48,641	753,982	24,586	300	272,197	1,032,413	64,024	2,994,629	1,898,192	2,635	1,005	.....	200	550	880	275	42
540,819	436,724	3,110,058	.....	1,632	1,256,277	4,898,356	330,160	13,682,582	8,454,066	5,953	195	233	60	298	5,167	695	43
62,771	203,504	480,050	.....	500	46,458	746,910	33,629	2,006,235	1,225,696	1,455	1,000	.....	135	205	115	85	44
17,284	6,126	43,442	230	7,361	511	41,575	8,936	184,455	133,944	38	.....	.....	.....	.....	38	.....	45
5,180	3,280	16,984	.....	444	296	10,680	7,019	73,868	56,169	18	.....	.....	.....	.....	18	.....	46
12,104	2,846	26,458	230	6,917	215	30,895	1,917	110,587	77,775	20	.....	.....	.....	.....	20	.....	47
33,212	48,096	154,195	1,152	11,444	2,816	285,921	6,746	714,999	422,332	151	90	.....	5	.....	56	1	48
312,500	153,264	2,226,926	10,063	15,006	474,695	5,226,385	122,835	9,332,776	3,983,556	4,594	2,545	35	.....	813	1,201	397	49
126,956	90,937	982,521	.....	8,290	93,473	1,294,405	44,281	2,733,312	1,394,626	1,655	160	.....	.....	40	1,455	75	50
2,000	.....	25,015	.....	540	234	54,406	511	105,993	51,076	5	.....	.....	.....	.....	5	.....	51
87,390	9,248	189,386	2,052	9,600	13,856	1,039,740	20,404	1,568,963	508,819	510	300	.....	30	30	150	.....	52
19,723	6,277	196,289	.....	685	17,270	297,602	121,594	770,206	351,010	85	.....	.....	.....	.....	85	.....	53
234,091	72,637	551,358	.....	384	1,968,106	1,160,465	230,192	5,336,700	3,946,043	4,747	4,369	.....	.....	.....	378	569	54
.....	.....	936	.....	.....	70	1,550	.....	4,100	2,550	.....	.....	.....	.....	.....	.....	.....	55
4,300	3,125	14,722	.....	9,095	169	48,174	1,452	107,465	57,839	6	.....	.....	.....	.....	6	.....	56
38,552	13,136	715,814	119,458	2,950	21,437	585,671	9,920	2,266,555	1,670,964	5,713	4,085	25	676	784	143	17	57
262,866	136,928	1,208,623	2,804	44,990	146,851	4,469,873	101,861	7,478,358	2,906,624	6,279	3,242	.....	127	70	2,840	27	58
926,324	669,478	7,247,888	8,917	13,125	1,040,390	4,548,245	374,721	18,435,449	13,512,483	8,903	1,262	200	60	110	7,271	35	59
66,818	16,437	328,287	22,972	13,658	7,457	399,358	26,735	1,122,478	696,385	1,631	785	.....	77	3	766	40	60
35,904	6,052	166,812	19,972	10,822	3,597	264,670	11,451	707,870	431,749	523	.....	.....	62	3	458	.....	61
30,914	10,385	161,475	3,000	2,836	3,860	134,688	15,284	414,608	264,636	1,108	785	.....	15	.....	308	40	62
20,900	5,888	140,613	.....	6,850	3,760	499,152	7,091	929,508	423,265	204	.....	.....	.....	.....	204	.....	63
22,209	29,243	74,323	13,116	5,019	26,947	530,714	3,216	851,793	317,863	61	.....	.....	8	.....	53	.....	64
4,979	12,417	21,866	.....	3,248	10,629	99,698	67	178,524	78,759	3	.....	.....	.....	.....	3	.....	65
17,230	16,826	52,457	13,116	1,771	16,318	431,016	3,149	673,269	239,104	58	.....	.....	8	.....	50	.....	66

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

[2] Same number reported throughout the year.

TABLE 34.—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	Mineral and soda waters	111	404	131	23	17	9	224	Jy 298	Ja [3] 171	219	208	1	10	.....	1,296,756
2	Minerals and earths, ground or otherwise treated.	7	183	3	8	1	4	167	My 187	Se [3] 145	167	167	.....	.....	.....	718,916
3	Models and patterns, not including paper patterns.	32	200	35	8	2	3	152	De 188	Ja 126	194	190	3	1	.....	214,091
4	Musical instruments, pianos	5	684	.....	41	13	22	608	No 683	Ja 544	655	582	65	5	3	3,111,770
5	Musical instruments, piano and organ materials.	6	1,379	4	38	26	20	1,291	De 1,487	Ja 984	1,487	1,097	340	21	29	3,973,105
6	Needles, pins, and hooks and eyes	23	4,542	11	196	100	189	4,037	De 4,183	My 3,929	4,250	2,428	1,616	66	140	11,604,691
7	Oil, essential	9	48	10	4	3	5	26	Ja [2] 46	Jy [3] 9	51	49	2	.....	.....	544,365
8	Optical goods	8	103	7	6	4	7	79	Ja 219	Se [3] 56	61	47	12	2	.....	143,068
9	Ordnance and accessories	4	1,680	.....	80	92	65	1,443	Ap 2,753	Au 625	1,161	1,084	77	.....	.....	15,088,439
10	Paper and wood pulp	44	2,352	5	189	84	75	1,999	De 2,195	Fe 1,837	2,230	1,959	265	4	2	13,346,026
11	Paper goods, not elsewhere specified	8	477	6	29	20	22	400	De 414	Je 378	414	239	143	11	21	1,971,174
12	Patent medicines and compounds	26	282	18	28	36	38	162	.....	.....	194	142	52	.....	.....	1,277,572
13	Patent and proprietary medicines	18	190	12	16	30	11	121	My [3] 126	Ap 112	122	90	32	.....	.....	747,982
14	Patent and proprietary compounds, not elsewhere specified.	8	92	6	12	6	27	41	No 72	Au 31	72	52	20	.....	.....	529,590
15	Paving materials	20	432	9	31	16	8	368	Jy 406	Fe 291	423	423	.....	.....	.....	2,994,017
16	Perfumery and cosmetics	6	327	2	18	39	29	248	De 288	Ja 205	287	59	207	3	18	1,847,554
17	Photo-engraving	11	108	6	12	4	7	79	De 86	Fe 72	95	88	4	3	.....	164,307
18	Pickles and sauces	7	68	8	3	8	3	46	Jy 54	Fe 31	50	26	24	.....	.....	180,501
19	Plated ware	26	6,109	3	242	353	319	5,192	.....	.....	5,783	4,641	1,047	51	44	19,645,228
20	Knives, forks, spoons, and other flat ware.	13	4,876	.....	190	296	278	4,112	De 4,604	Ja 3,260	4,589	3,584	930	36	39	16,029,273
21	Hollow ware	7	877	.....	40	43	31	763	De 877	Ja 552	878	793	70	11	4	2,490,996
22	All other	6	356	3	12	14	10	317	Au 333	Ja 299	316	264	47	4	1	1,124,959
23	Plumbers' supplies, not elsewhere specified.	6	663	1	25	29	32	576	No 652	Ap 520	644	459	95	81	9	2,004,754
24	Printing and publishing, book and job	255	2,232	249	138	83	162	1,600	.....	.....	1,720	1,211	423	65	21	4,860,850
25	Job printing	235	2,001	231	124	39	96	1,511	De 1,597	Ja 1,460	1,612	1,155	382	58	17	4,447,553
26	Book publishing and printing	5	89	3	9	4	21	52	My 71	Ja 33	63	38	20	5	.....	228,413
27	Book publishing without printing	11	119	11	5	40	45	18	Ap 27	Au 7	24	2	16	2	4	139,149
28	Linotype work and typesetting	4	23	4	.....	.....	.....	19	Ap [3] 21	Ja [3] 11	21	16	5	.....	.....	45,735
29	Printing and publishing, newspapers and periodicals.	134	2,354	79	205	465	276	1,329	.....	.....	1,441	1,173	198	65	5	6,576,634
30	Printing and publishing	25	1,240	14	118	321	160	627	De 684	Ja 564	668	585	29	54	.....	3,866,023
31	Printing, publishing, and job printing.	66	1,019	39	67	132	83	698	No 734	Ja 673	769	584	169	11	5	2,592,112
32	Publishing without printing	43	95	26	20	12	33	4	Mh 6	Jy [3] 2	4	4	.....	.....	.....	118,499
33	Roofing materials	3	35	4	2	1	3	25	De 44	Fe 4	44	25	18	1	.....	93,831
34	Rubber tires, tubes, and rubber goods, not elsewhere specified.	21	6,437	4	325	742	306	5,060	De 5,830	Ap 4,666	5,830	4,823	917	73	17	35,224,101
35	Sausage, not made in slaughtering and meat-packing establishments.	20	123	21	9	10	4	79	.....	.....	85	81	3	1	.....	278,456
36	Sausage	16	83	17	8	8	2	48	Ja [3] 52	Fe 42	55	53	1	1	.....	182,885
37	Sausage casings	4	40	4	1	2	2	31	Fe 32	De 30	30	28	2	.....	.....	95,571
38	Screws, machine	12	1,164	3	35	47	29	1,050	De 1,205	Ap 941	1,203	1,016	174	11	2	5,245,590
39	Screws, wood	5	2,409	.....	25	43	96	2,245	Fe 2,361	Oc 2,140	2,166	1,630	478	39	19	6,522,577
40	Sewing machines and attachments	3	3,061	.....	137	64	136	2,724	De 2,989	Ap 2,547	2,989	2,472	396	79	42	10,489,227
41	Shipbuilding, wooden, including boat building.	36	1,302	32	92	37	29	1,112	.....	.....	1,593	1,591	2	.....	.....	7,106,815
42	New vessels	11	1,205	5	89	36	29	1,046	Ja 2,436	No 274	1,521	1,519	2	.....	.....	6,944,841
43	Repair work only	12	64	12	1	.....	.....	51	Je 68	Fe 34	48	48	.....	.....	.....	97,767
44	Small boats and masts and spars	13	33	15	2	1	.....	15	Je 22	Fe 8	24	24	.....	.....	.....	64,207
45	Shirts	10	655	15	32	9	17	582	De 624	Ja 523	621	162	422	21	16	1,094,562
46	Show cases	3	16	4	.....	.....	1	11	Fe [3] 13	Ja [3] 9	12	12	.....	.....	.....	40,600
47	Signs and advertising novelties	26	69	22	8	5	3	31	.....	.....	38	25	9	1	3	264,074
48	Electric signs and advertising novelties.	3	20	.....	5	4	1	10	No 18	Mh [3] 6	17	5	9	.....	3	58,954
49	Signs, other than electric	23	49	22	3	1	2	21	My 28	Ja 13	21	20	.....	1	.....	205,120
50	Silk goods	41	12,169	16	345	303	251	11,254	.....	.....	11,687	6,495	4,799	146	247	57,837,589
51	Finished products	31	11,925	5	339	303	249	11,029	No 11,570	Ja 9,917	11,415	6,425	4,624	137	229	57,623,502
52	Throwsters and winders	10	244	11	6	.....	2	225	De 256	Ap 205	272	70	175	9	18	214,087
53	Silversmithing and silverware	6	661	6	30	84	46	495	De 618	Ja 323	618	492	90	20	16	3,092,278
54	Soap	6	586	1	35	48	57	445	Oc 487	Jy 380	484	321	162	.....	1	2,720,839
55	Springs, steel, car and carriage, not made in steel works or rolling mills.	5	1,237	.....	70	64	62	1,041	De 1,261	Mh 887	1,161	871	278	11	1	3,617,129
56	Stamped and enameled ware, not elsewhere specified.	26	2,575	8	124	56	99	2,288	Ja 2,557	Je 2,123	2,387	1,410	823	60	94	8,394,574
57	Stationery goods, not elsewhere specified.	8	168	5	12	18	23	110	De 122	Jy 98	120	68	44	3	5	407,313
58	Statuary and art goods	4	19	3	3	.....	.....	13	Au 21	Ap 7	20	19	1	.....	.....	36,012
59	Steam fittings and steam and hot-water heating apparatus.	11	4,997	.....	124	400	213	4,260	De 4,925	Je 3,846	4,926	4,430	477	13	6	13,029,619
60	Stencils and brands	3	21	1	2	.....	3	15	Ap [3] 18	Ja [3] 10	18	13	.....	5	.....	56,879
61	Stereotyping and electrotyping	6	126	3	10	5	5	103	My 110	Ja 89	105	102	2	1	.....	162,896
62	Structural ironwork, not made in steel works or rolling mills.	19	549	15	29	28	18	459	No 528	Mh 399	513	513	.....	.....	.....	1,285,288
63	Surgical appliances	10	234	8	9	2	10	205	Ja 245	My 171	238	94	134	2	8	3,352,350
64	Suspenders, garters, and elastic woven goods.	15	3,726	3	107	104	86	3,426	Se 3,711	Fe 3,053	3,763	1,534	2,070	51	108	15,787,934
65	Textile machinery and parts	23	763	44	37	5	8	669	My 703	Oc 558	697	609	78	9	1	2,771,501
66	Tobacco, cigars	193	1,544	205	33	33	10	1,263	No 1,360	Jy 1,160	1,395	1,098	282	10	5	2,219,128
67	Tobacco, smoking	5	24	4	2	2	.....	16	My 31	De 3	17	14	3	.....	.....	17,199

[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.*								
45,090	14,700	228,852	10,697	19,207	51,674	655,201	20,171	1,415,723	740,351	429	62	.....	46	3	318	.....	1
20,035	4,634	164,231	9,402	4,963	3,830	253,353	29,550	482,852	199,949	1,769	1,095	.....	32	482	160	.....	2
15,699	2,780	227,217	34,909	10,411	2,182	71,032	8,449	453,301	373,820	220	.....	.....	.....	.....	220	.....	3
128,985	36,293	645,322	.....	8,260	15,578	1,456,353	26,664	2,505,958	1,022,941	857	720	.....	.....	.....	137	262	4
151,885	49,555	1,096,669	.....	12,080	81,155	1,899,882	57,484	4,266,704	2,309,338	1,628	1,173	55	61	201	138	1,440	5
580,014	382,075	4,208,987	57,699	9,870	709,221	5,395,552	221,891	13,904,286	8,286,843	4,355	2,416	350	.....	655	934	1,615	6
12,600	14,423	19,791	.....	25	1,572	244,383	6,035	472,315	221,897	345	185	.....	60	50	50	.....	7
19,460	12,270	68,370	.....	5,840	2,568	91,145	2,202	282,230	188,883	79	.....	.....	.....	54	25	.....	8
436,303	218,500	1,860,934	1,475	.....	251,485	5,209,038	126,513	11,696,554	6,361,003	5,073	1,625	.....	75	200	3,173	1,342	9
494,399	196,528	2,193,938	14,093	996	252,166	7,007,764	1,208,855	12,939,103	4,722,484	26,742	15,820	1,190	5	8,119	1,608	2,845	10
106,872	69,897	372,069	.....	3,951	93,901	1,137,038	15,359	2,364,624	1,212,227	415	150	.....	10	180	75	168	11
240,714	72,453	158,934	1,044	8,621	94,062	343,990	16,418	1,985,223	1,624,815	184	.....	.....	.....	.....	184	.....	12
180,663	54,836	117,847	1,044	4,031	91,868	177,445	8,491	1,436,832	1,250,896	78	.....	.....	.....	.....	78	.....	13
69,051	17,617	41,087	.....	4,590	2,194	166,545	7,927	548,391	373,919	106	.....	.....	.....	.....	106	.....	14
87,624	24,468	458,983	.....	2,817	40,207	233,191	87,843	1,310,547	989,513	6,399	2,850	.....	15	.....	3,534	4	15
67,587	66,770	118,191	.....	4,300	48,331	1,148,817	5,999	2,718,711	1,563,895	173	105	.....	.....	.....	68	19	16
29,299	13,079	102,190	6,988	6,392	4,225	46,392	6,299	305,561	252,870	75	25	.....	.....	.....	50	.....	17
11,795	19,357	34,253	.....	4,196	6,263	139,762	2,324	346,719	204,624	35	.....	.....	2	.....	33	.....	18
692,663	798,175	5,442,093	8,555	11,053	665,925	9,732,495	272,235	22,661,966	12,657,236	7,483	2,785	1,000	87	447	3,164	2,941	19
562,271	633,008	4,189,934	936	3,813	576,130	8,318,229	206,161	18,956,854	10,432,494	6,076	2,040	1,000	32	290	2,714	2,839	20
88,520	131,602	903,116	7,319	100	81,292	1,021,973	41,088	2,743,921	[illegible]	85	220	.....	55	157	423	102	21
41,872	33,565	349,043	300	7,140	8,503	392,293	24,986	961,161	545,8[illegible]	552	525	.....	.....	.....	27	.....	22
91,812	68,243	631,832	.....	1,916	33,542	1,362,140	35,767	2,377,250	979,343	699	470	.....	75	.....	154	27	23
334,725	247,826	1,674,471	182,683	102,766	82,448	2,140,023	72,954	6,246,748	4,033,771	1,530	132	.....	65	15	1,378	.....	24
309,687	136,841	1,595,785	26,212	93,960	76,227	1,905,203	70,350	5,353,978	3,378,425	1,553	132	.....	61	15	1,345	.....	25
15,056	19,039	39,208	10	4,390	4,897	150,938	726	240,055	88,391	28	.....	.....	.....	.....	28	.....	26
9,982	91,946	9,000	156,461	3,416	1,056	81,400	120	603,106	521,586	.....	.....	.....	.....	.....	.....	.....	27
.....	.....	30,478	.....	1,000	268	2,482	1,758	49,609	45,369	9	.....	.....	4	.....	5	.....	28
547,273	863,763	1,486,886	224,508	71,973	144,885	2,120,457	119,389	7,513,467	5,273,621	2,480	320	.....	27	9	2,124	34	29
336,731	574,166	736,371	5,722	33,079	69,570	1,212,861	64,063	4,184,289	2,907,365	1,405	150	.....	.....	.....	1,255	30	30
184,106	258,919	745,424	11,819	33,507	75,074	862,302	54,729	2,918,216	2,001,185	1,075	170	.....	27	9	869	4	31
26,436	30,678	5,091	206,967	5,387	241	45,294	597	410,962	365,071	.....	.....	.....	.....	.....	.....	.....	32
13,000	2,520	18,953	.....	600	663	22,075	2,646	96,256	71,535	100	100	.....	.....	.....	.....	.....	33
1,114,310	1,335,760	5,405,006	327	37,448	1,155,116	17,647,975	584,542	33,927,913	15,695,396	11,474	5,468	1,100	.....	315	4,591	4,057	34
20,822	17,168	87,802	.....	12,794	2,619	1,051,529	16,876	1,370,156	301,751	410	25	.....	7	.....	378	.....	35
17,710	12,800	59,204	.....	9,194	2,058	718,511	12,946	950,390	218,933	201	25	.....	7	.....	169	.....	36
3,112	4,368	28,598	.....	3,600	561	333,018	3,930	419,766	82,818	209	.....	.....	.....	.....	209	.....	37
115,912	90,903	1,103,926	43	6,696	582,664	895,444	70,456	3,271,675	2,305,775	2,154	19	.....	.....	.....	2,135	.....	38
172,252	249,453	2,104,980	.....	.....	565,743	2,319,975	182,977	6,389,845	3,886,893	2,160	306	.....	.....	.....	1,854	.....	39
375,475	225,790	3,276,804	.....	.....	154,315	832,520	97,621	5,247,956	4,317,815	2,041	1,000	.....	.....	.....	1,041	1,026	40
142,551	64,528	1,254,371	4,469	9,352	94,973	938,620	48,731	2,024,031	1,936,680	2,624	1,018	10	233	12	1,351	.....	41
139,011	63,528	1,175,940	3,853	7,933	93,557	875,654	46,037	2,735,356	1,813,665	2,296	998	.....	70	.....	1,228	.....	42
1,740	.....	62,787	.....	699	1,022	45,078	1,682	137,701	90,941	215	20	.....	90	.....	105	.....	43
1,800	1,000	15,644	616	720	394	17,888	1,012	50,974	32,074	113	.....	10	73	12	18	.....	44
92,957	34,447	408,474	118,117	11,930	91,012	2,056,834	13,298	3,292,180	1,222,048	371	316	.....	.....	25	30	158	45
.....	364	14,682	300	1,764	310	4,945	460	27,360	21,955	39	.....	.....	.....	.....	39	.....	46
11,927	4,840	27,165	3,684	9,553	3,235	64,615	912	197,418	131,891	26	.....	.....	.....	.....	26	.....	47
3,575	2,639	5,393	3,434	1,892	143	39,276	91	75,010	35,643	1	.....	.....	.....	.....	1	.....	48
8,352	2,201	21,772	250	7,661	3,092	25,339	821	122,408	96,248	25	.....	.....	.....	.....	25	.....	49
1,706,403	1,527,293	11,523,047	1,144,105	39,877	2,871,315	36,641,924	883,945	68,053,429	30,527,560	18,357	5,406	4,792	4	1,844	6,311	4,923	50
1,695,629	1,525,743	11,361,005	1,144,105	36,408	2,866,349	36,609,760	867,908	67,754,645	30,276,977	17,616	5,091	4,767	4	1,720	6,034	4,903	51
10,774	1,550	162,042	.....	3,469	4,966	32,164	16,037	298,784	250,583	741	315	25	.....	124	277	20	52
144,260	154,818	492,109	4,060	600	87,731	1,323,458	20,842	3,061,520	1,717,220	679	550	60	.....	.....	69	280	53
172,921	128,840	422,558	.....	1,400	285,317	2,101,519	76,616	5,144,996	2,966,861	1,054	835	.....	.....	40	179	850	54
242,874	158,939	1,228,739	1,898	541	101,858	1,516,756	135,995	3,955,465	2,302,714	1,519	250	.....	.....	.....	1,269	.....	55
429,891	206,564	2,147,985	74,772	6,030	429,813	2,840,866	152,114	7,422,780	4,429,800	2,565	980	240	55	40	1,250	362	56
38,921	41,130	100,767	9,235	5,146	25,320	184,684	3,747	477,233	288,802	98	.....	.....	.....	.....	98	.....	57
4,200	.....	13,704	1,700	360	514	5,885	1,196	35,500	28,419	20	.....	.....	.....	.....	20	.....	58
464,718	969,823	6,103,657	.....	26,854	1,658,019	5,948,899	538,620	17,401,135	10,913,616	6,883	1,315	3,278	20	60	2,210	3,631	59
2,096	2,932	16,676	499	1,800	688	16,296	560	47,779	30,923	24	.....	.....	.....	.....	24	.....	60
26,985	8,517	111,308	140	7,727	454	70,037	7,072	312,756	235,647	198	35	.....	.....	.....	163	.....	61
143,144	91,646	717,152	4,115	9,694	42,091	1,073,985	19,698	2,294,735	1,201,052	772	135	.....	.....	.....	637	225	62
22,075	11,727	158,689	364	11,425	34,515	592,212	26,715	1,012,943	394,016	775	425	.....	.....	335	15	141	63
629,321	286,136	3,331,721	32,458	8,206	1,400,692	10,025,499	236,556	16,966,529	6,703,474	4,197	1,227	160	40	485	2,285	933	64
177,336	14,729	668,683	.....	7,422	229,355	1,062,590	21,471	2,875,689	1,791,628	819	350	.....	19	155	295	25	65
67,180	67,381	1,339,971	26,687	60,053	446,519	1,642,704	14,117	4,304,745	2,647,924	57	.....	.....	.....	.....	57	.....	66
2,250	2,936	16,868	.....	1,600	5,925	48,062	1,937	74,137	24,138	166	60	.....	.....	80	26	.....	67

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

TABLE 34.—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	Tools, not elsewhere specified	70	3,986	38	179	178	218	3,373	.....	.....	3,864	3,128	640	62	34	12,217,159
2	Carpenters'	8	1,403	3	33	90	85	1,192	Fe 1,253	Au 1,109	1,213	950	234	22	7	4,456,122
3	Machinists'	28	679	17	48	14	34	566	No 621	Ap 518	633	599	20	10	4	2,361,827
4	All other	34	1,904	18	98	74	99	1,615	De 1,751	Ap 1,541	2,018	1,579	386	30	23	5,399,210
5	Toys and games	21	1,139	13	30	37	88	971	Oc 1,348	Ja 561	1,011	535	388	51	37	2,464,654
6	Typewriters and parts	5	6,810	.....	44	104	123	6,539	De 7,348	Au 5,553	7,086	5,385	1,550	92	59	14,653,979
7	Varnishes	4	41	2	11	11	2	15	No 23	Ja 11	18	18	.....	.....	.....	287,576
8	Vinegar and cider	93	140	105	1	.....	.....	34	.....	.....	94	94	.....	.....	.....	287,664
9	Vinegar	3	10	4	.....	.....	.....	6	Oc 12	Ja [3] 4	6	6	.....	.....	.....	46,068
10	Cider	90	130	101	1	.....	.....	28	Oc 115	Ja [3] 1	88	88	.....	.....	.....	241,596
11	Watch and clock materials, except watch cases.	5	52	8	3	.....	2	39	De 50	Fe 32	50	9	41	.....	.....	69,047
12	Window and door screens	6	42	6	3	3	1	29	No [3] 33	Fe [3] 24	33	33	.....	.....	.....	67,935
13	Window shades and fixtures	5	56	2	5	.....	2	47	Oc 59	Mh [3] 39	55	33	10	11	1	128,576
14	Wire	7	1,555	3	47	93	34	1,378	Fe 1,593	Ap 1,056	1,397	1,246	147	4	.....	8,136,575
15	Wirework, not elsewhere specified	20	617	12	36	14	18	537	De 595	Ap 484	597	378	177	30	12	1,571,397
16	Wood, turned and carved	28	290	32	16	5	7	230	De 297	My 200	298	275	14	9	.....	653,854
17	Wooden goods, not elsewhere specified	6	19	5	1	1	1	11	Ja [3] 12	No 7	11	11	.....	.....	.....	36,630
18	Wool shoddy	9	330	7	16	6	7	303	My 353	Fe 265	299	266	29	2	2	2,684,641
19	Woolen goods	35	5,625	5	163	50	56	5,351	De 6,006	Fe 4,434	6,053	4,426	1,505	72	50	23,841,721
20	Worsted goods	9	2,579	.....	56	45	31	2,447	De 2,752	Fe 2,025	2,752	1,694	867	96	95	16,775,765
21	All other industries *	208	31,894	98	945	2,508	1,622	29,721	.....	.....	.....	.....	.....	.....	.....	122,179,195

* All other industries embrace—

Aeroplanes, seaplanes, and airships, and parts 1
Agricultural implements 2
Aluminum manufactures 1
Artificial limbs 1
Artists' materials, crayons 1
Asbestos textile mill products, not including steam packing 2
Automobiles 2
Babbitt and white metal 2
Bags, paper, exclusive of those made in paper mills 1
Baking powders 1
Baskets, and rattan and willow ware 2
Bells 3
Belting and hose, woven, other than rubber 1
Blacking, stains, and dressings 1
Bluing 1
Boot and shoe cut stock 1
Boxes, cigar 1
Carpets and rugs, other than rag 1
Carriages and sleds, children's 1
Cars and general shop construction and repairs by steam-railroad companies 10
Cash registers and calculating machines 3
Chemicals 3
China decorating, not including that done in potteries 1
Chocolate and cocoa products 1
Coal-tar products 2
Cordials and flavoring sirups 2
Crucibles, clay 2
Dairymen's and poultrymen's supplies 2
Dental goods 4
Engravers' materials 1
Envelopes 2
Fire extinguishers, chemical 1
Fireworks 3
Flavoring extracts 6
Foundry supplies 2
Furnishing goods, men's 5
Furs, dressed 1
Galvanizing 1
Gas and water meters 1
Gloves and mittens, cloth, not including gloves made in textile mills 1
Glucose and starch 1
Glue, other than fish 1
Gold and silver, reducing and refining, not from the ore 3
Gold, leaf and foil 2
Grease and tallow, not including lubricating greases 4
Hair work 1
Hats, wool-felt 1
Hones and whetstones 1
Horseshoes, not made in steel work or rolling mills 2
Ink, writing 1
Instruments, professional and scientific 6
Iron and steel, blast furnaces 1
Iron and steel, wrought pipe 1
Ivory, shell, and bone work, not including combs and hairpins 2

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

1	**BRIDGEPORT**—All industries	443	51,344	316	1,532	4,005	2,620	42,862	De 48,643	Au 36,280	48,933	34,923	13,116	430	464	187,517,015
2	Automobile repairing	15	120	9	16	6	6	83	De 93	Ja 70	93	91	2	.....	.....	174,002
3	Awnings, tents, and sails	4	14	4	.....	.....	.....	10	Ap [3] 10	Ja [3] 8	10	6	4	.....	.....	16,010
4	Boxes, paper and other, not elsewhere specified.	5	257	2	12	2	3	238	Ja 316	Je [3] 203	247	55	138	6	48	266,754
5	Boxes, wooden packing, except cigar boxes.	3	7	4	.....	.....	.....	3	Ja [3] 4	De [3] 1	3	3	.....	.....	.....	2,346
6	Brass and bronze products	9	2,342	5	58	241	123	1,915	Ja 2,288	Je 1,658	2,157	1,864	269	23	1	7,795,670
7	Bread and other bakery products	56	599	59	26	80	24	410	De 458	Fe 387	460	395	51	9	5	1,127,931
8	Coffee, roasting and grinding	3	4	2	.....	.....	.....	2	(4) 2	(4) 2	3	3	.....	.....	.....	5,595
9	Confectionery and ice cream	14	193	23	7	10	5	148	.....	.....	149	77	39	2	31	349,394
10	Confectionery	6	109	10	2	7	2	88	Fe 114	My 57	94	26	35	2	31	105,746
11	Ice cream	8	84	13	5	3	3	60	Jy 98	Ja [3] 42	55	51	4	.....	.....	243,648
12	Copper, tin, and sheet-iron work	16	67	15	5	.....	5	42	De 54	Fe [3] 36	55	55	.....	.....	.....	146,087
13	Corsets	6	3,509	.....	93	68	96	3,252	Se 3,656	Ja 2,795	3,616	613	2,839	24	140	7,492,050
14	Cutlery, scissors, shears, clippers, and pocket knives.	4	770	.....	34	15	7	714	De 790	Ap 665	790	686	65	31	8	1,684,773
15	Electrical machinery, apparatus, and supplies.	8	3,082	2	84	247	107	2,582	De 3,277	Ap 1,796	3,290	1,553	1,573	85	79	8,155,279
16	Engraving and diesinking	4	9	5	.....	.....	.....	4	Ja [3] 5	Mh [3] 3	7	6	.....	1	.....	5,835
17	Food preparations, not elsewhere specified.	5	28	6	1	1	1	19	Jy 29	Ja 10	14	11	3	.....	.....	99,355
18	Foundry and machine-shop products	30	1,896	9	110	135	80	1,562	.....	.....	1,721	1,691	26	4	.....	6,521,619
19	Machine shops	22	832	8	56	75	45	648	Mh 724	My 583	690	674	13	3	.....	2,647,748
20	All other	8	1,064	1	54	60	35	914	Ja 1,084	Je 771	1,031	1,017	13	1	.....	3,873,871
21	Hardware	6	1,034	1	57	19	31	926	De 969	Fe 864	969	702	214	49	4	3,337,592
22	Iron and steel, forgings, not made in steel works or rolling mills.	4	984	.....	27	98	60	799	De 1,065	My 640	1,065	923	115	22	5	4,788,302
23	Iron and steel, tempering and welding.	4	17	1	5	2	1	8	Ja [3] 9	Mh 7	9	9	.....	.....	.....	21,037
24	Lumber, planing-mill products, not including planing mills connected with sawmills.	5	180	2	9	9	11	149	Au 170	Mh [3] 133	164	164	.....	.....	.....	395,735
25	Machine tools	11	1,963	1	55	107	112	1,688	De 1,985	Ap 1,542	1,985	1,930	49	6	.....	5,392,691
26	Marble and stone work	3	37	1	6	2	1	27	Jy [3] 30	Mh 20	24	24	.....	.....	.....	82,661
27	Mattresses and spring beds, not elsewhere specified.	3	16	3	1	.....	1	11	(4) 11	(4) 11	11	11	.....	.....	.....	212,150

[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]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
604,291	454,201	3,869,130	20,243	28,943	1,189,501	3,787,035	254,645	12,916,145	8,874,465	5,629	2,017	775	51	670	2,116	1,095	1
175,705	207,815	1,344,491	8,013	2,100	484,485	1,311,463	55,756	4,439,987	3,072,768	1,807	1,192	25	15	340	235	338	2
161,159	46,541	713,413	1,811	15,442	237,163	678,608	38,653	2,439,693	1,722,432	1,003	165	.....	.....	95	743	.....	3
267,427	199,845	1,811,226	10,419	11,401	467,853	1,796,964	160,236	6,036,465	4,079,265	2,819	660	750	36	235	1,138	757	4
100,278	115,622	793,777	12,000	2,995	62,493	1,295,701	33,904	3,081,425	1,751,820	681	47	.....	28	73	533	60	5
312,385	241,753	7,511,866	.....	8,000	2,221,522	4,666,909	125,612	16,961,254	12,168,733	4,777	2,461	1,066	.....	.....	1,250	2,173	6
26,557	23,813	18,574	.....	.....	2,815	141,593	2,613	235,174	90,968	86	35	.....	.....	.....	51	.....	7
1,000	.....	29,948	465	1,385	14,282	155,555	4,945	416,605	256,105	1,152	366	.....	472	207	107	.....	8
.....	.....	6,836	.....	.....	442	43,839	636	50,008	5,533	62	25	.....	37	.....	.....	.....	9
1,000	.....	23,112	465	1,385	13,840	111,716	4,309	366,597	250,572	1,090	341	.....	435	207	107	.....	10
8,070	2,490	31,102	8,568	130	326	42,532	2,119	116,677	72,026	27	.....	.....	.....	.....	27	.....	11
14,012	4,940	33,445	1,000	5,168	726	45,541	840	126,312	79,931	34	.....	.....	.....	.....	34	.....	12
7,998	1,876	33,013	.....	1,920	1,077	57,758	2,014	144,903	85,191	88	.....	.....	.....	45	43	.....	13
227,997	202,785	2,063,474	3,120	3,243	206,518	4,346,532	256,141	9,083,050	4,480,377	6,354	2,876	1,675	50	150	1,603	4,944	14
157,222	42,639	462,137	1,115	7,195	140,352	939,819	25,846	2,295,285	1,329,620	608	120	.....	40	80	368	.....	15
29,496	8,341	199,480	1,782	3,401	4,957	302,963	9,201	621,882	309,718	928	346	.....	73	344	165	.....	16
1,300	2,021	8,450	.....	1,204	234	28,732	1,351	53,274	23,191	83	.....	.....	55	.....	28	.....	17
84,638	12,695	286,781	.....	.....	19,040	3,033,078	78,107	3,761,820	650,635	2,593	529	.....	.....	765	1,299	.....	18
934,507	144,798	5,955,985	68,658	4,586	1,676,255	18,614,892	529,515	32,357,090	13,212,683	14,679	6,300	.....	.....	4,683	3,696	2,207	19
305,086	115,111	2,611,470	.....	31,000	1,541,957	12,346,920	247,019	18,928,293	6,334,354	6,794	1,785	2,335	125	2,175	374	2,603	20
4,030,682	6,006,537	36,180,328	65,754	153,965	6,757,441	85,870,043	1,906,099	178,571,275	90,795,133	37,808	12,513	1,460	1,311	1,700	20,824	9,529	21
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
6,352,849	8,829,527	51,812,280	252,361	319,020	10,664,659	78,111,405	4,201,450	208,089,797	125,776,942	86,349	30,415	21,826	802	.....	33,306	23,188	1
20,393	12,999	114,077	250	13,740	3,689	151,101	11,825	386,951	224,025	77	.....	.....	6	.....	71	.....	2
.....	.....	10,551	.....	1,710	564	12,917	159	33,720	20,644	4	.....	.....	.....	.....	4	.....	3
57,978	4,529	161,400	2,928	7,374	35,147	153,052	6,219	494,186	334,915	121	18	.....	.....	.....	103	.....	4
.....	.....	4,935	.....	862	27	5,115	86	15,490	10,289	6	.....	.....	3	.....	3	.....	5
251,502	478,037	2,355,301	15,164	6,417	185,528	5,390,690	342,396	9,566,020	3,832,934	7,339	3,750	3,407	.....	.....	182	6,588	6
51,934	118,978	499,744	918	31,006	21,510	1,877,887	65,858	3,049,433	1,105,688	391	.....	.....	.....	.....	391	.....	7
.....	.....	1,652	.....	260	.....	12,762	204	17,082	4,116	5	.....	.....	.....	.....	5	.....	8
19,788	22,287	145,452	.....	7,460	11,974	503,426	18,702	905,702	383,574	413	.....	.....	.....	.....	413	.....	9
4,680	12,177	65,795	.....	2,760	4,392	170,532	5,038	348,350	172,780	35	.....	.....	.....	.....	35	.....	10
15,108	10,110	79,657	.....	4,700	7,582	332,894	13,664	557,352	210,794	378	.....	.....	.....	.....	378	.....	11
11,138	4,553	53,451	.....	4,416	1,916	87,004	1,948	200,715	111,763	51	.....	.....	12	.....	39	.....	12
608,752	259,902	2,345,725	29,331	4,652	271,456	7,005,719	51,315	11,565,285	4,508,251	2,343	2,155	.....	.....	.....	188	1,369	13
87,950	28,040	782,425	.....	123	240,884	224,134	28,787	1,958,833	1,705,912	1,078	190	250	.....	.....	638	.....	14
343,698	447,001	2,396,957	.....	20,348	329,433	4,566,872	84,921	9,896,528	5,244,735	2,440	1,000	.....	.....	.....	1,440	958	15
.....	.....	5,602	363	384	92	1,080	562	15,324	13,682	9	.....	.....	.....	.....	9	.....	16
4,000	3,000	20,909	.....	1,935	1,001	90,630	4,804	151,413	55,979	57	.....	.....	.....	.....	57	.....	17
364,287	275,162	1,972,071	10,591	30,582	240,373	2,051,358	129,698	6,062,612	3,881,556	3,145	1,469	.....	300	.....	1,376	1,376	18
174,175	156,074	834,525	10,591	27,882	101,565	1,384,990	28,820	3,020,566	1,606,756	958	75	.....	300	.....	583	254	19
190,112	119,088	1,137,546	.....	2,700	138,808	666,368	100,878	3,042,046	2,274,800	2,187	1,394	.....	.....	.....	793	1,122	20
178,465	71,843	1,023,262	.....	4,846	55,581	1,179,906	33,470	3,004,817	1,791,441	984	435	.....	.....	.....	549	.....	21
126,667	213,988	1,044,980	.....	.....	637,756	2,135,547	75,608	6,246,213	4,035,058	744	.....	233	.....	.....	511	695	22
8,300	1,868	9,922	230	1,248	196	5,565	2,135	41,170	33,470	18	.....	.....	.....	.....	18	.....	23
28,315	18,275	177,837	.....	2,400	28,996	634,576	12,198	1,105,021	458,247	1,043	628	.....	.....	.....	415	27	24
326,041	288,585	2,761,260	3,948	8,715	488,715	1,327,913	155,729	6,038,480	4,554,838	3,293	75	200	60	.....	2,958	.....	25
21,288	3,515	38,671	.....	1,950	726	47,626	3,351	150,461	99,484	164	145	.....	18	.....	1	.....	26
3,000	1,500	18,875	.....	480	686	70,779	1,060	119,800	47,961	34	.....	.....	.....	.....	34	.....	27

Jewelry and instrument cases..... 2
Labels and tags..... 1
Lapidary work..... 2
Liquors, distilled, grain alcohol..... 1
Lithographing..... 2
Mirrors, framed and unframed, not elsewhere specified..... 2
Motorcycles, bicycles, and parts..... 3
Mucilage, paste, and other adhesives, not elsewhere specified..... 1
Musical instruments and materials, not elsewhere specified..... 6
Musical instruments, organs..... 2
Nets and seines..... 4
Oakum..... 1
Paints..... 5
Peanuts, grading, roasting, cleaning, and shelling..... 1
Pens, fountain and stylographic..... 1
Phonographs and graphophones..... 3
Photographic apparatus, cameras..... 1
Pottery..... 2
Printing materials..... 1
Pulp goods, wall board..... 1
Pumps, not including power pumps..... 3
Pumps, steam and other power..... 3
Regalia, and society badges and emblems..... 1
Rules, ivory and wood..... 1
Saddlery and harness..... 4
Saws..... 3
Shipbuilding, steel, new vessels..... 2
Slaughtering and meat packing..... 5
Smelting and refining, metals, not elsewhere specified..... 1
Smelting and refining, not from the ore..... 4
Soda-water apparatus..... 1
Sporting and athletic goods..... 5
Steam packing..... 2
Stoves and hot-air furnaces..... 3
Stoves, gas and oil..... 1
Straw goods, not elsewhere specified..... 1
Sulphuric, nitric, and mixed acids..... 1
Theatrical scenery..... 1
Tin foil..... 1
Tinware, not elsewhere specified..... 3
Trunks and valises..... 3
Type founding..... 1
Umbrellas and canes..... 2
Upholstering materials, imitation leather and leatheroid..... 1
Wall plaster and composition flooring..... 1
Washing machines and clothes wringers..... 1
Watch cases..... 1
Watches..... 3

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

[4] Same number reported throughout the year.

TABLE 34.—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.																	
	BRIDGEPORT—Continued.																	*Dollars.*
1	Mineral and carbonated waters	14	54	20	.....	2	.....	32	Jy [3]	43	Ja [3]	25	33	33	.....	.....	.....	121,572
2	Models and patterns, not including paper patterns.	6	36	6	1	.....	1	28	De	38	Ja	18	38	35	2	1	.....	46,726
3	Printing and publishing, job, linotype work, and typesetting.	32	142	28	10	.....	8	96	De	105	Fe	81	105	82	20	2	1	242,276
4	Printing and publishing, newspapers and periodicals.	6	314	4	22	109	34	145	Oc [3]	156	Fe	133	156	149	7	.....	.....	958,258
5	Rubber tires, tubes, and rubber goods, not elsewhere specified.	4	580	.....	14	25	15	526	Oc	576	My	478	573	345	216	6	6	1,104,946
6	Stamped ware, not elsewhere specified	5	256	3	20	2	8	223	Au	243	Ja	198	224	103	107	4	10	417,784
7	Suspenders, garters, and elastic woven goods.	4	216	.....	21	6	15	174	De	190	Fe	162	190	77	107	1	5	1,513,440
8	Tobacco, cigars	16	73	17	1	3	2	50	Au [3]	53	Je	46	51	44	7	.....	.....	71,578
9	Tools, not elsewhere specified	17	637	9	55	18	39	516	.....		.....		873	525	314	25	9	2,152,173
10	Machinists'	12	234	7	23	6	10	188	De	231	Fe	145	239	213	14	8	4	908,956
11	All other	5	403	2	32	12	29	328	De	373	Ja	291	634	312	300	17	5	1,243,217
12	All other industries *	121	31,908	75	782	2,798	1,773	26,480	.....		.....		29,848	22,658	6,949	129	112	132,815,334

* All other industries embrace—

Ammunition	1
Artificial stone products	2
Asbestos textile-mill products, not including steam packing	1
Automobile bodies and parts	5
Automobiles	1
Babbitt metal	1
Bags, other than paper, not including bags made in textile mills	2
Belting, leather	1
Bookbinding and blank-book making	2
Buttons	1
Carriage and wagon materials	1
Carriages and sleds, children's	1
Carriages and wagons	2
Cars and general shop construction and repairs by electric-railroad companies	1
Cars and general shop construction and repairs by steam-railroad companies	1
Cleansing and polishing preparations	1
Clothing, men's and youths'	2
Clothing, women's	5
Coffins, burial cases, and undertakers' goods	1
Cotton lace	1
Crucibles, clay	1
Electroplating	2
Engines, steam, gas, and water	3
Engraving, steel and copper plate, including plate printing	1
Fertilizers	1
Firearms	1
Flour-mill and gristmill products	1
Furnishing goods, men's, neckwear	2
Furniture, store and office fixtures	2
Gas and electric fixtures	1
Gas and water meters	1
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	1
Hair work	1
Hats, wool-felt	1
House-furnishing goods, mops and dusters	1
Ice, manufactured	2
Instruments, professional and scientific	2
Iron and steel, steel works and rolling mills	1

1	**HARTFORD**—All industries	504	30,738	430	1,027	1,813	1,204	26,264	De	28,824	Ap	24,853	26,728	21,174	5,170	258	126	119,509,401
2	Automobile bodies and parts	8	413	6	15	24	11	357	De	435	Ja	266	437	432	.....	5	.....	2,134,797
3	Automobile repairing	32	226	33	17	4	10	162	De	172	Ja	148	170	166	4	.....	.....	332,243
4	Awnings, tents, and sails	4	24	4	.....	1	2	17	My	20	Ja [3]	15	14	9	5	.....	.....	69,404
5	Bookbinding and blank-book making	5	26	6	.....	.....	2	18	Ja [3]	18	Se [3]	17	18	8	9	1	.....	19,955
6	Brass and bronze products	4	117	3	9	1	3	101	De	150	Mh	57	150	141	9	.....	.....	424,910
7	Bread and other bakery products	50	441	52	15	28	47	299	De	320	Fe	287	323	303	16	3	1	926,236
8	Clothing, women's	11	337	17	5	12	8	295	Je	324	Fe	255	283	23	257	2	1	619,138
9	Coffee, roasting and grinding	4	42	2	4	10	6	20	Mh [3]	21	Ja [3]	19	19	10	7	1	1	303,458
10	Confectionery and ice cream	8	96	9	5	3	7	72	.....		.....		60	46	14	.....	.....	228,735
11	Confectionery	4	19	8	.....	.....	.....	11	(4)	11	(4)	11	12	7	5	.....	.....	43,500
12	Ice cream	4	77	1	5	3	7	61	Jy	93	Ja [3]	43	48	39	9	.....	.....	185,235
13	Copper, tin, and sheet-iron work	20	140	20	8	3	10	99	No	123	Ap	77	123	123	.....	.....	.....	224,876
14	Electrical machinery, apparatus, and supplies.	10	1,633	2	61	78	102	1,390	De	1,981	Ap	1,036	2,011	932	1,070	4	5	4,937,073
15	Electroplating	3	12	3	.....	.....	.....	9	Mh	10	Jy	8	9	9	.....	.....	.....	6,200
16	Engraving and diesinking	5	18	6	.....	.....	.....	12	Se [3]	14	Ja [3]	9	14	14	.....	.....	.....	26,392
17	Food preparations, not elsewhere specified.	8	37	12	.....	8	.....	17	.....		.....		19	17	2	.....	.....	70,545
18	Macaroni, vermicelli, and noodles	3	11	2	.....	1	.....	8	Ap [3]	9	Ja [3]	6	9	7	2	.....	.....	16,250
19	All other	5	26	10	.....	7	.....	9	Je [3]	10	Ja [3]	8	10	10	.....	.....	.....	54,295
20	Foundry and machine-shop products	40	2,116	25	82	147	99	1,763	.....		.....		1,902	1,823	75	4	.....	9,691,394
21	Machine shops	34	1,627	21	64	133	92	1,317	Ja	1,420	Oc	1,262	1,381	1,309	68	4	.....	8,525,369
22	All other	6	489	4	18	14	7	446	De	521	Mh	381	521	514	7	.....	.....	1,166,025
23	Fur goods	4	26	7	.....	2	1	16	De	22	Au	13	15	4	10	.....	1	74,602
24	Furniture	6	125	4	21	3	2	95	Au	105	Ja	70	98	97	.....	1	.....	316,691
25	Iron and steel, welding	3	8	3	.....	1	.....	4	Oc [3]	5	Ja [3]	3	5	5	.....	.....	.....	8,136
26	Jewelry	3	8	3	.....	.....	.....	5	Ap [3]	5	Ja [3]	4	5	5	.....	.....	.....	8,678
27	Liquors, malt	4	164	1	13	14	1	135	Je	158	No	90	98	98	.....	.....	.....	1,472,993
28	Looking-glass and picture frames	5	27	10	.....	3	4	10	(4)	10	(4)	10	10	9	.....	1	.....	43,986
29	Lumber, planing-mill products, not including planing mills connected with sawmills.	9	182	9	17	5	8	143	De	164	Mh	112	165	165	.....	.....	.....	786,966
30	Machine tools	6	2,625	.....	99	189	95	2,242	Ja	2,680	Ap	2,089	2,268	2,104	115	49	.....	9,819,343
31	Marble and stone work	5	39	8	.....	2	2	27	Oc	39	Ja	13	26	26	.....	.....	.....	62,389
32	Mattresses and spring beds, not elsewhere specified.	6	36	8	1	.....	1	26	My	29	Jy [3]	24	26	24	2	.....	.....	115,528
33	Millinery and lace goods, not elsewhere specified.	3	47	5	2	1	13	26	Se	34	Ja	14	21	3	14	1	3	29,406
34	Mineral and carbonated waters	6	44	12	1	1	1	29	Je	48	Fe	17	20	20	.....	.....	.....	128,490
35	Models and patterns, not including paper patterns.	5	79	4	3	1	.....	71	De	84	Ja	63	84	84	.....	.....	.....	88,715
36	Patent medicines and compounds	4	21	2	3	.....	2	14	(4)	14	(4)	14	14	13	1	.....	.....	26,421
37	Photo-engraving	5	40	2	5	2	2	29	De	32	Ja [3]	26	32	30	.....	2	.....	63,243
38	Printing and publishing, book and job	51	723	48	37	11	37	590	.....		.....		604	437	163	4	.....	1,738,992
39	Job printing	42	661	38	33	9	31	550	Oc [3]	562	My	537	571	411	156	4	.....	1,644,256
40	All other	9	62	10	4	2	6	40	My	59	Ja [3]	33	33	26	7	.....	.....	94,736

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
.....	1,956	36,309	.....	1,872	9,524	81,888	2,822	182,751	98,041	36	.....	.....	.....	.....	36	.....	1
2,500	1,200	39,049	5.518	2,820	841	16,714	1,614	88,036	69,708	62	.....	.....	.....	.....	62	.....	2
15,719	6,828	119,658	1,453	14,531	3,285	96,518	5,591	344,670	242.561	141	.....	.....	5	.....	136	.....	3
59,691	188,046	171,662	.....	6,589	49,640	399,988	15,479	1,152,414	736,947	187	.....	.....	.....	.....	187	.....	4
93,751	96,683	499,226	.....	6,150	35,287	970,283	40,334	1,983,818	973,201	1,061	500	.....	.....	.....	561	.....	5
71,196	15,492	176,170	26,773	1,550	15,491	298,886	9,562	777,247	468,799	210	175	.....	5	.....	30	3	6
123,438	27,048	166,411	24,779	2,659	30,179	780,005	9,060	1,389,924	600,859	162	33	.....	40	.....	89	.....	7
2,036	7,624	60,752	150	23,344	13,828	98,325	935	229,908	130,648	1	.....	.....	.....	.....	1	.....	8
156,742	55,345	629,278	722	8,970	167,845	806,282	32,581	2,107,919	1,269,056	920	175	.....	.....	.....	745	.....	9
67,849	18,339	258,021	722	6,870	97,105	343,278	21,240	886,306	521,848	450	125	.....	.....	.....	325	.....	10
88,893	37,006	371,257	.....	2,100	70,740	463,004	11,341	1,221,553	747,208	470	50	.....	.....	.....	420	.....	11
3,315,289	6,175,243	33,968,706	129,243	99,627	7,782,489	47,026,857	3,052,437	138,807,854	88,728,560	59,810	19,667	17,736	353	.....	22,054	12,172	12
3,879,151	3,619,639	31,441,412	206,355	417,490	7,332,324	46,530,535	1,788,720	118,002,693	69,683,438	35,100	6,746	1,822	6	.....	26,526	3,364	1
72,422	52,786	444,689	.....	24,562	35,419	719,789	21,430	1,783,964	1,042,745	704	.....	.....	.....	.....	704	.....	2
40,610	13,388	211,640	1,547	42,248	1,511	304,651	11,522	668,756	352,583	130	.....	.....	.....	.....	130	.....	3
.....	3,200	14,568	.....	4,276	169	51,970	439	94,491	42,082	16	.....	.....	.....	.....	16	.....	4
.....	1,248	15,076	405	1,625	206	17,298	275	57,787	40,214	10	.....	.....	.....	.....	10	.....	5
27,251	6,021	123,783	.....	.....	10,481	249,432	16,814	496,733	230,487	165	.....	.....	.....	.....	165	.....	6
32,474	74,905	415,562	2,713	27,759	36,850	1,748,235	58,380	2,726,736	920,121	348	5	.....	.....	.....	343	.....	7
13,480	26,644	212,881	73,110	7,563	1,768	1,090,037	4,694	1,658,846	564,115	48	.....	.....	.....	.....	48	.....	8
10,750	15,427	11,812	.....	3,973	5,002	400,887	3,658	447,724	43,179	47	.....	.....	.....	.....	47	.....	9
12,020	10,507	70,262	.....	7,700	21,108	383,492	15,867	638,193	238,834	232	.....	.....	.....	.....	232	.....	10
.....	.....	9,566	.....	1,700	1,198	29,392	1,248	56,800	26,160	8	.....	.....	.....	.....	8	.....	11
12,020	10,507	60,696	.....	6,000	19,910	354,100	14,619	581,393	212,674	224	.....	.....	.....	.....	224	.....	12
19,010	10,478	126,378	5,863	10,603	1,634	194,603	9,440	441,274	237,231	52	.....	.....	.....	.....	52	.....	13
265,298	187,961	1,426,680	408	4,843	477,354	2,490,131	57,347	6,104,213	3,556,735	1,178	125	250	.....	.....	803	316	14
.....	.....	8,902	.....	1,140	23	2,315	657	22,558	19,586	27	.....	.....	.....	.....	27	.....	15
.....	.....	14,737	.....	1,637	105	3,740	918	32,946	28,288	18	.....	.....	.....	.....	18	.....	16
.....	12,020	20,194	.....	6,645	383	362,530	5,328	475,899	108,041	68	.....	.....	.....	.....	68	.....	17
.....	1,820	10,400	.....	3,030	40	41,950	2,521	65,600	21,129	42	.....	.....	.....	.....	42	.....	18
.....	10,200	9,794	.....	3,615	343	320,580	2,807	410,299	86,912	26	.....	.....	.....	.....	26	.....	19
326,992	310,776	2,529,784	6,490	32,631	180,041	2,189,960	142,121	7,581,486	5,249,405	2,977	.....	.....	.....	.....	2,977	.....	20
234,624	288,388	1,848,748	6,490	31,431	74,328	1,731,675	85,305	5,948,941	4,131,961	2,347	.....	.....	.....	.....	2,347	.....	21
92,368	22,388	681,036	.....	1,200	105,713	458,285	56,816	1,632,545	1,117,444	630	.....	.....	.....	.....	630	.....	22
.....	4,750	18,474	404	8,717	1,035	112,481	250	169,175	56,444	3	.....	.....	.....	.....	3	.....	23
59,578	7,110	120,705	5,120	7,000	16,748	119,646	6,930	414,297	287,721	248	85	.....	.....	.....	163	.....	24
.....	150	3,360	.....	1,322	30	3,737	442	15,685	11,506	4	.....	.....	.....	.....	4	.....	25
.....	.....	6,825	1,152	1,860	103	9,247	60	31,235	21,928	3	.....	.....	.....	.....	3	.....	26
61,360	31,308	171,884	.....	.....	737,927	426,065	77,542	1,790,421	1,286,814	1,194	977	.....	.....	.....	217	28	27
4,300	3,125	10,370	.....	7,955	141	34,121	1,076	79,501	44,304	4	.....	.....	.....	.....	4	.....	28
53,417	7,197	171,611	2,037	6,811	53,239	936,085	14,850	1,424,791	473,856	1,071	525	.....	.....	.....	546	.....	29
379,925	203,651	2,869,095	.....	4,145	347,942	2,092,232	153,920	8,187,937	5,941,785	3,261	.....	.....	.....	.....	3,261	.....	30
.....	3,682	40,355	.....	2,200	308	35,673	2,067	116,385	78,645	204	125	.....	.....	.....	79	.....	31
1,820	780	34,764	.....	2,590	586	115,938	1,435	198,033	80,660	43	.....	.....	.....	.....	43	.....	32
3,545	6,957	20,915	.....	2,527	6,537	76,614	172	135,460	58,674	3	.....	.....	.....	.....	3	.....	33
780	1,872	30,306	10,697	1,034	4,833	72,685	2,925	178,868	103,258	39	15	.....	.....	.....	24	.....	34
8,099	110	112,028	29,031	3,295	634	30,878	2,694	199,936	166,364	54	.....	.....	.....	.....	54	.....	35
9,160	1,170	21,336	500	2,096	1,264	16,098	954	63,622	46,570	5	.....	.....	.....	.....	5	.....	36
17,955	4,865	40,862	6,575	3,498	3,308	17,693	1,799	133,766	114,274	25	.....	.....	.....	.....	25	.....	37
107,277	45,847	774,926	16,766	31,677	48,397	812,373	23,141	2,273,994	1,438,480	475	100	.....	4	.....	371	.....	38
100,080	40,644	738,982	4,956	28,063	47,692	772,809	22,242	2,119,817	1,324,766	451	100	.....	.....	.....	351	.....	39
7,197	5,203	35,944	11,810	3,614	705	39,564	899	154,177	113,714	24	.....	.....	4	.....	20	.....	40

Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Jewelry 1
Knit goods 1
Leather, tanned, curried, and finished 1
Liquors, malt 3
Millinery and lace goods, dress and cloak trimmings 1
Mirrors, framed and unframed, not elsewhere specified 1
Musical instruments, piano materials 1
Ordnance and accessories 1
Paints 1
Paper and wood pulp 1
Patent and proprietary medicines 1
Paving materials 1
Perfumery and cosmetics 1
Phonographs and graphophones 1
Photo-engraving 1
Pickles and sauces 1
Plated ware 4
Saddlery and harness 2
Sausage, not made in slaughtering and meat-packing establishments 1
Screws, wood 1
Sewing machines 1
Shipbuilding, steel, new vessels 1
Shirts 1
Show cases 2
Signs, other than electric 2
Silk goods 1
Silversmithing and silverware 2
Soap 1
Stationery goods, not elsewhere specified 1
Steam fittings and steam and hot-water heating apparatus 3
Stencils and brands 1
Stereotyping and electrotyping 2
Stoves and hot-air furnaces 2
Structural ironwork, not made in steel works or rolling mills 3
Textile machinery and parts 1
Toys and games 4
Type founding 1
Typewriters and parts 1
Varnishes 2
Wire 1
Wirework, not elsewhere specified 3
Wood, turned and carved 1

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

[2] Same number reported throughout the year.

TABLE 34.—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.															
	HARTFORD—Continued.															*Dollars.*
1	Printing and publishing, newspapers and periodicals.	17	535	7	33	109	61	325	.....	.....	376	335	41	.....	.....	1,834,990
2	Printing and publishing	4	412	.....	28	101	49	234	De 253	Ja 221	251	246	5	.....	.....	1,628,303
3	Printing, publishing, and job printing.	6	112	4	3	7	9	89	No 96	Ja [3] 83	123	87	36	.....	.....	175,726
4	Publishing without printing	7	11	3	2	1	3	2	Ja [3] 3	Mh [3] 2	2	2	.....	.....	.....	30,961
5	Structural ironwork, not made in steel works or rolling mills.	3	38	3	3	1	2	29	Se 46	Fe [3] 15	43	43	.....	.....	.....	94,385
6	Surgical appliances	3	5	4	.....	.....	.....	1	(4) 1	(4) 1	1	1	.....	.....	.....	5,100
7	Tobacco, cigars	26	256	27	8	5	.....	216	No 288	Ja [3] 201	292	231	61	.....	.....	684,557
8	Tools, not elsewhere specified	6	248	2	12	6	19	209	Ja 222	Je [3] 200	212	209	3	.....	.....	1,069,610
9	All other industries *	112	19,784	61	518	1,138	646	17,391	.....	.....	16,761	13,175	3,292	180	114	81,020,824

*All other industries embrace—

Artificial limbs	1
Artificial stone products	2
Baskets, and rattan and willow ware	1
Belting, leather	1
Boots and shoes, not including rubber boots and shoes	2
Boxes, cigar	1
Boxes, paper, shipping containers and set-up paper boxes	2
Boxes, wooden packing, except cigar boxes	2
Brick, building	2
Brooms, from broom corn	1
Brushes	4
Butter	1
Carpets, rag	1
Carriages and wagons, including repairs	4
Cars and general shop construction and repairs by electric-railroad companies	1
Cash registers and calculating machines	2
Cleansing and polishing preparations	1
Clothing, men's	2
Coffins, burial cases, and undertakers' goods	1
Cooperage, hogsheads and barrels	2
Cutlery and edge tools	1
Dental goods	1
Druggists' preparations	2
Engines, steam, gas, and water	3
Engraving, steel and copper plate, including plate printing	2
Engraving, wood	3
Envelopes	1
Fertilizers	1
Files	1
Firearms	2
Flavoring extracts	2
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	1
Gold, leaf and foil	2
Hand stamps	1
Hardware, vehicle	1
Hats and caps, other than felt, straw, and wool	1

1	**NEW BRITAIN**—All industries	116	19,679	79	525	863	1,000	17,212	De 18,818	Ap 16,155	18,467	14,291	3,777	193	206	59,643,689
2	Automobile repairing	3	12	1	1	1	.....	9	My [3] 11	Ja [3] 8	9	9	.....	.....	.....	51,244
3	Bread and other bakery products	13	123	14	7	4	6	92	No [3] 98	Jy 88	98	79	18	1	.....	406,728
4	Clothing, women's, shirt waists and dresses, except house dresses.	3	49	2	5	.....	1	41	Je 56	De 25	55	3	52	.....	.....	45,586
5	Copper, tin, and sheet-iron work	3	8	3	.....	.....	.....	5	Ap [3] 6	Ja [3] 5	5	5	.....	.....	.....	9,850
6	Foundry and machine-shop products	7	2,879	.....	171	164	140	2,404	De 2,829	My 2,148	2,386	2,199	177	7	3	9,347,573
7	Hardware	7	6,522	3	95	334	368	5,722	De 6,322	Mh 5,328	6,322	4,960	1,255	64	43	17,040,125
8	Mineral and carbonated waters	5	12	7	.....	.....	.....	5	Jy [3] 7	Ja 1	5	3	.....	2	.....	40,350
9	Models and patterns, not including paper patterns.	3	8	4	.....	.....	.....	4	My [3] 5	Ja [3] 2	3	3	.....	.....	.....	7,119
10	Printing and publishing, book and job	7	70	6	4	6	6	48	No 52	Jy 43	54	30	8	13	3	101,356
11	Printing and publishing, newspapers and periodicals.	4	109	.....	11	1	4	93	De 109	Ja 80	109	77	24	8	.....	265,207
12	Tobacco, cigars	8	31	10	.....	.....	.....	21	No 24	Ja [3] 18	24	19	5	.....	.....	17,200
13	All other industries *	53	9,856	29	231	353	475	8,768	.....	.....	9,397	6,904	2,238	98	157	32,251,351

*All other industries embrace—

Awnings, tents, and sails	1
Bookbinding and blank-book making	1
Boxes, paper, shipping containers	2
Brass and bronze products	2
Carriages and wagons, repair work only	2
Cars and general shop construction and repairs by electric-railroad companies	1
Confectionery, ice cream	3
Cutlery, table	1
Electrical machinery, apparatus, and supplies	2
Electroplating	1
Fancy articles, celluloid novelties	1
Food preparations, macaroni, vermicelli, and noodles	2
Furniture, metal	1
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	1
Grease and tallow, not including lubricating greases	1
Hand stamps	1
Hardware, saddlery	1

1	**NEW HAVEN**—All industries	769	37,951	699	1,762	2,156	2,460	30,874	Ja 32,978	Au 28,980	33,132	23,405	8,652	533	542	112,965,625
2	Artificial stone products	3	25	2	7	2	2	12	Se 16	Je 7	15	10	.....	5	.....	69,621
3	Automobile bodies and parts	18	627	14	36	22	24	531	De 723	Mh 386	722	664	24	15	19	1,963,225
4	Automobile repairing	38	330	28	25	13	20	244	Au 252	Ja 232	250	247	2	1	.....	525,540
5	Awnings, tents, and sails	3	13	1	2	.....	1	9	Au 13	Ja [3] 6	13	6	7	.....	.....	22,620
6	Bookbinding and blank-book making	4	18	4	.....	.....	.....	14	No [3] 17	Je 8	17	8	9	.....	.....	13,536
7	Brass, bronze, and copper products	6	82	7	4	4	.....	67	De 84	My 52	84	84	.....	.....	.....	423,841
8	Bread and other bakery products	86	540	89	16	37	37	361	Jy 377	Fe 335	365	306	50	8	1	1,229,926
9	Carriages and wagons, repair work only	3	7	4	.....	.....	.....	3	Mh 6	Oc [3] 2	3	3	.....	.....	.....	4,135
10	Clothing, men's	49	219	72	.....	3	2	142	.....	.....	182	47	126	1	8	167,396
11	Regular factory products	13	120	17	.....	3	2	98	Mh 104	Je 93	103	25	70	1	7	149,773
12	Contract work	36	99	55	.....	.....	.....	44	De 79	Jy 29	79	22	56	.....	1	17,623
13	Clothing, women's	14	382	16	13	1	6	346	.....	.....	432	34	385	.....	13	138,533
14	Regular factory products	8	221	9	8	.....	3	201	Au 237	Fe 123	231	32	188	.....	11	117,464
15	Contract work	6	161	7	5	1	3	145	De 188	Ja 63	201	2	197	.....	2	21,069
16	Coffee, roasting and grinding	6	16	7	2	.....	1	6	(4) 6	(4) 6	6	5	1	.....	.....	42,219
17	Confectionery and ice cream	20	514	17	41	18	30	408	.....	.....	325	170	123	5	27	1,283,710
18	Confectionery	14	379	14	28	13	21	303	Fe 393	De 227	230	91	107	5	27	715,831
19	Ice cream	6	135	3	13	5	9	105	Jy 143	Ja 80	95	79	16	.....	.....	567,879
20	Copper, tin, and sheet-iron work	24	99	31	7	2	5	54	Oc 64	Ja 41	59	57	.....	2	.....	122,386
21	Corsets	8	1,643	9	87	91	81	1,375	De 1,430	Fe 1,346	1,455	181	1,252	5	17	3,476,918
22	Cutlery and edge tools, pocket knives	3	119	3	7	.....	3	106	Je 178	Jy 47	194	130	57	5	2	206,526
23	Electrical machinery, apparatus, and supplies.	4	57	2	3	3	.....	49	Je 56	Se 44	47	47	.....	.....	.....	165,567
24	Electroplating	5	27	7	2	.....	.....	18	Fe [3] 21	Je [3] 15	22	21	1	.....	.....	25,789
25	Engraving, steel and copper plate, including plate printing.	3	21	3	2	.....	2	14	No 18	Ja [3] 11	17	11	3	3	.....	17,350

[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.*								
143,710	229,029	418,444	13,720	19,881	37,713	715,532	25,746	1,991,757	1,250,479	634	.....	.....	.....	.....	634	.....	1
132,165	207,210	314,322	.....	8,096	37,404	589,008	23,077	1,647,410	1,035,325	546	.....	.....	.....	.....	546	.....	2
9,465	18,396	100,531	5,029	9,985	283	104,590	2,373	286,248	179,285	88	.....	.....	.....	.....	88	.....	3
2,080	3,423	3,591	8,691	1,800	26	21,934	296	58,009	35,869	.....	.....	.....	.....	.....	.....	.....	4
4,340	1,990	36,735	.....	420	228	57,889	1,270	116,988	57,829	78	.....	.....	.....	.....	78	.....	5
.....	.....	1,040	364	8,605	.....	4,370	85	14,100	9,645	.....	.....	.....	.....	.....	.....	.....	6
9,300	7,455	273,358	.....	6,339	85,761	381,926	1,190	849,494	466,378	3	.....	.....	.....	.....	3	.....	7
54,751	25,210	253,428	1,089	4,846	110,312	271,443	10,365	1,131,027	850,119	293	.....	.....	.....	.....	293	.....	8
2,139,527	2,308,020	20,363,643	28,364	113,467	5,103,224	29,978,739	1,110,917	75,253,715	44,164,059	21,436	4,789	1,572	2	.....	15,073	3,020	9

Instruments, professional and scientific..... 1
Iron and steel, steel works and rolling mills..... 2
Iron and steel, forgings, not made in steel works or rolling mills..... 2
Iron and steel, cut nails and spikes, not made in steel works or rolling mills..... 1
Iron and steel, wrought pipe..... 1
Knit goods..... 3
Leather goods, not elsewhere specified..... 1
Lithographing..... 1
Musical instruments and materials, not elsewhere specified..... 1
Musical instruments, organs..... 1
Needles, pins, and hooks and eyes..... 2
Nets and seines..... 1
Optical goods..... 1
Pickles and sauces..... 2
Plated ware, knives, forks, spoons, and other flat ware..... 1
Plumbers' supplies, not elsewhere specified..... 2
Pottery, chinaware..... 1
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 1
Saddlery and harnesss..... 2
Screws, machine..... 3
Screws, wood..... 1
Sewing machines..... 1
Signs, other than electric..... 1
Slaughtering and meat packing..... 1
Smelting and refining, not from the ore..... 1
Soap..... 1
Stationery goods, not elsewhere specified..... 1
Statuary and art goods..... 1
Steam fittings and steam and hot-water heating apparatus..... 1
Stencils and brands..... 1
Stereotyping and electrotyping..... 2
Textile machinery and parts..... 1
Tobacco, smoking..... 1
Typewriters and parts..... 2
Window and door screens..... 4
Wirework, not elsewhere specified..... 1
Wooden goods, not elsewhere specified..... 1

1,760,583	2,548,375	19,631,493	34,648	69,775	3,835,641	20,450,748	1,715,309	63,621,960	41,455,903	25,424	9,241	2,093	.....	.....	14,090	6,380	1
520	340	11,412	.....	2,476	456	9,549	1,848	34,018	22,621	24	.....	.....	.....	.....	24	.....	2
8,669	4,520	122,030	.....	10,480	4,551	457,452	16,501	749,285	275,332	96	.....	.....	.....	.....	96	.....	3
7,600	720	28,056	22,979	3,200	15	144,570	391	248,934	103,973	7	.....	.....	.....	.....	7	.....	4
.....	.....	8,043	.....	1,495	255	6,007	79	17,780	11,694	.....	.....	.....	.....	.....	.....	.....	5
477,297	372,250	2,934,807	.....	2,429	557,927	2,873,231	259,050	8,996,368	5,864,087	4,086	1,175	40	.....	.....	2,871	933	6
286,973	1,122,397	6,635,839	500	1,707	927,007	6,327,005	658,804	20,782,720	13,796,911	10,449	3,528	900	.....	.....	6,021	1,563	7
.....	.....	5,650	.....	200	407	16,500	322	31,000	14,178	8	.....	.....	.....	.....	8	.....	8
.....	.....	3,552	.....	516	37	1,104	195	9,854	8,555	8	.....	.....	.....	.....	8	.....	9
9,151	11,536	34,423	1,635	3,245	311	41,593	1,732	119,399	76,074	30	.....	.....	.....	.....	30	.....	10
31,616	4,820	84,394	266	420	1,968	29,708	6,168	265,182	229,308	109	.....	.....	.....	.....	109	.....	11
.....	.....	21,537	.....	3,446	8,042	41,909	156	79,630	37,565	.....	.....	.....	.....	.....	.....	.....	12
938,757	1,031,792	9,741,750	9,268	40,161	2,334,665	10,502,120	770,063	32,287,790	21,015,607	10,607	4,538	1,153	.....	.....	4,916	3,884	13

Jewelry..... 1
Knit goods..... 2
Liquors, malt..... 1
Lumber, planing-mill products, not including planing mills connected with sawmills..... 2
Marble and stone work, monuments and tombstones..... 2
Needles, pins, and hooks and eyes..... 1
Screws, machine..... 1
Screws, wood..... 1
Shirts..... 2
Silversmithing and silverware..... 1
Smelting and refining, not from the ore. 1
Stamped ware, not elsewhere specified. 3
Steam fittings and steam and hot-water heating apparatus..... 2
Structural ironwork, not made in steel works or rolling mills..... 1
Suspenders, garters, and elastic woven goods..... 1
Tobacco, smoking..... 1
Tools, not elsewhere specified..... 4
Wood, turned and carved..... 1

5,556,909	4,562,084	31,434,640	484,400	390,087	4,900,177	52,222,584	3,074,221	125,455,547	70,158,742	48,473	18,724	14,132	2,289	220	13,108	25,019	1
18,640	2,941	19,195	.....	1,620	852	47,979	1,137	85,994	36,878	18	.....	.....	.....	.....	18	.....	2
124,061	72,024	686,551	3,000	15,859	37,075	1,634,553	29,909	3,099,501	1,435,039	681	350	.....	.....	.....	331	4	3
39,612	31,312	320,026	6,820	25,664	7,587	348,991	17,729	931,319	564,599	197	.....	.....	6	.....	191	1	4
1,607	191	7,045	.....	674	44	17,783	180	35,270	17,307	4	.....	.....	.....	.....	4	.....	5
.....	.....	11,448	220	1,660	35	11,550	357	29,729	17,822	5	.....	.....	.....	.....	5	.....	6
11,490	4,620	73,002	.....	2,802	5,281	557,197	20,524	733,285	155,564	193	.....	.....	.....	.....	193	.....	7
52,218	72,739	493,137	.....	33,597	18,249	2,095,080	65,967	3,367,874	1,206,827	513	30	.....	.....	.....	483	15	8
.....	.....	3,248	.....	810	25	3,303	150	10,975	7,522	1	.....	.....	.....	.....	1	.....	9
.....	4,873	118,482	21,872	12,676	189	291,327	4,299	590,915	295,289	51	.....	.....	.....	.....	51	.....	10
.....	4,873	76,877	21,352	7,906	182	290,177	2,476	460,418	167,765	42	.....	.....	.....	.....	42	.....	11
.....	.....	41,605	520	4,770	7	1,150	1,823	130,497	127,524	9	.....	.....	.....	.....	9	.....	12
33,173	2,722	197,594	2,080	10,579	881	380,205	2,714	828,740	445,821	56	.....	.....	.....	.....	56	.....	13
30,002	1,334	128,379	2,080	5,330	757	379,777	1,677	734,360	353,406	28	.....	.....	.....	.....	28	.....	14
3,171	1,388	69,215	.....	5,249	124	428	1,037	93,880	92,415	28	.....	.....	.....	.....	28	.....	15
3,360	330	5,205	60	1,096	984	230,688	2,413	268,443	35,342	35	.....	.....	.....	.....	35	.....	16
94,052	38,016	211,569	.....	32,440	92,897	1,102,988	38,700	1,998,429	856,741	799	305	.....	.....	.....	494	.....	17
60,097	21,456	108,642	.....	24,222	77,097	559,634	15,397	1,081,599	506,568	413	150	.....	.....	.....	263	.....	18
33,955	16,560	102,927	.....	8,218	15,800	543,354	23,303	916,830	350,173	386	155	.....	.....	.....	231	.....	19
12,620	5,159	66,613	.....	7,825	1,076	110,275	1,470	253,587	141,842	17	.....	.....	.....	.....	17	.....	20
220,544	303,807	1,143,976	.....	2,632	10,607	2,761,713	19,015	5,160,775	2,380,047	449	350	.....	.....	.....	99	200	21
6,762	1,611	89,783	.....	2,192	355	65,770	5,001	183,887	113,116	165	.....	.....	.....	.....	165	.....	22
6,345	1,485	54,842	1,200	1,262	50	12,430	7,995	93,246	72,821	86	35	.....	.....	.....	51	.....	23
3,900	.....	20,124	.....	1,490	167	6,077	1,996	46,705	38,632	32	.....	.....	.....	.....	32	.....	24
5,200	1,748	11,338	.....	1,540	39	12,207	166	39,645	27,272	7	.....	.....	.....	.....	7	.....	25

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

[2] Same number reported throughout the year.

TABLE 34.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male	Under 16. Female	Capital.
	NEW HAVEN—Continued.															*Dollars.*
1	Fancy articles, not elsewhere specified	3	17	3	1	.....	1	12	No 27	Mh 3	22	4	16	2	.....	13,825
2	Food preparations, not elsewhere specified.	9	123	6	12	3	13	89	De 95	My 83	78	37	41	.....	.....	314,238
3	Foundry and machine-shop products	31	928	23	66	39	29	771	.....	.....	866	846	3	17	.....	2,528,229
4	Boiler shops and foundries	7	520	3	23	20	11	463	De 514	My 428	514	509	2	3	.....	1,346,926
5	Machine shops	24	408	20	43	19	18	308	De 349	Mh [3] 279	352	337	1	14	.....	1,181,303
6	Fur goods	3	20	1	.....	.....	.....	19	No [3] 29	Jy 3	29	8	21	.....	.....	31,800
7	Furniture	12	235	12	20	12	12	179	.....	.....	183	166	13	4	.....	470,988
8	Wood and metal furniture	6	202	7	16	10	10	159	Je. 174	Ap 148	161	147	13	1	.....	408,838
9	Store and office fixtures	6	33	5	4	2	2	20	Fe 24	Se 16	22	19	.....	3	.....	62,150
10	Glass, cutting, staining, and ornamenting.	5	19	7	1	1	.....	10	Oc 13	Ja 5	11	11	.....	.....	.....	49,298
11	Hardware	6	3,221	.....	114	123	467	2,517	De 2,830	Ja 2,187	2,830	2,062	620	73	75	9,106,791
12	Ice, manufactured	3	38	1	6	5	2	24	Jy [3] 29	Ja 16	21	21	.....	.....	.....	522,476
13	Iron and steel, welding	4	15	2	3	.....	2	8	Oc [3] 10	Fe [3] 6	9	9	.....	.....	.....	9,785
14	Jewelry	8	21	6	2	.....	2	11	(4) 11	(4) 11	11	9	1	1	.....	31,403
15	Liquors, malt	3	121	.....	16	9	3	93	Je 105	De 75	75	75	.....	.....	.....	1,802,392
16	Lumber, planing-mill products, not including planing mills connected with sawmills.	19	225	19	21	9	13	163	No 180	Mh 130	179	174	4	1	.....	777,746
17	Machine tools	4	431	.....	22	32	27	350	De 391	Au 321	391	381	9	1	.....	2,215,654
18	Marble and stone work	11	52	17	3	1	.....	31	Au [3] 35	Fe 24	31	31	.....	.....	.....	99,803
19	Mattresses and spring beds, not elsewhere specified.	8	49	9	1	.....	2	37	Jy 39	Fe [3] 36	38	29	9	.....	.....	121,140
20	Millinery and lace goods, not elsewhere specified.	3	28	2	1	.....	11	14	Se 18	Jy 10	12	1	11	.....	.....	12,749
21	Mineral and soda waters	18	59	24	3	1	1	30	Au 38	Ja 24	30	30	.....	.....	.....	187,602
22	Models and patterns, not including paper patterns.	4	23	6	1	.....	1	15	Jy [3] 20	Ja 10	21	21	.....	.....	.....	16,070
23	Optical goods	5	32	2	6	4	6	14	(4) 14	(4) 14	14	12	.....	2	.....	48,736
24	Paper and wood pulp	3	262	.....	7	8	9	238	Ja 261	My 223	220	221	8	.....	.....	2,382,775
25	Patent medicines and compounds	5	16	4	2	.....	1	9	De 38	Mh [3] 3	39	32	7	.....	.....	173,191
26	Photo-engraving	3	30	3	3	1	3	20	Mh 24	Ap 17	30	29	1	.....	.....	26,380
27	Printing and publishing, book and job	47	656	36	52	57	72	439	De 490	Ja 410	488	343	119	24	2	1,551,879
28	Printing and publishing, newspapers and periodicals.	33	423	26	54	107	79	157	.....	.....	167	128	1	38	.....	1,026,153
29	Printing, publishing, and job printing.	8	346	6	37	97	51	155	No 171	Ja 141	165	126	1	38	.....	952,600
30	Publishing without printing	25	77	20	17	10	28	2	(4) 2	(4) 2	2	2	.....	.....	.....	73,553
31	Sausage, not made in slaughtering and meat-packing establishments.	5	53	6	1	2	2	42	Ja [3] 46	My [3] 40	44	41	3	.....	.....	99,086
32	Screws, machine	3	345	.....	11	14	6	314	Ja 345	Ap 290	335	287	39	8	1	1,081,271
33	Shirts	3	32	5	.....	.....	.....	27	De 63	Ja [5] 0	62	43	2	17	.....	20,078
34	Signs and advertising novelties	20	48	20	6	5	1	16	Oc 25	Fe [3] 11	25	13	8	1	3	237,357
35	Stereotyping and electrotyping	3	88	1	6	2	4	75	Se [3] 80	Ja 65	77	74	2	1	.....	122,040
36	Structural ironwork, not made in steel works or rolling mills.	6	36	4	4	1	2	25	No 41	Mh 11	36	36	.....	.....	.....	160,744
37	Surgical appliances	3	58	2	3	2	4	47	De 65	Jy 39	65	4	59	.....	2	98,996
38	Tobacco, cigars	34	770	37	13	15	5	700	Oc 750	Jy 620	751	569	173	6	3	1,054,619
39	Tools, not elsewhere specified	8	343	4	22	7	10	300	Oc 326	Ap 279	324	301	10	9	4	1,084,782
40	Wirework, not elsewhere specified	4	225	2	8	7	8	200	De 235	Ap 173	235	185	27	19	4	456,511
41	Wood, turned and carved	3	24	4	2	.....	1	17	De 23	Ja 12	23	21	1	1	.....	40,455
42	All other industries*	130	24,146	89	1,015	1,493	1,447	20,102	.....	.....	21,143	15,120	5,404	258	361	75,090,736

*All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Ammunition 1
Bags, other than paper, not including bags made in textile mills 1
Belting, leather 2
Bluing 1
Boots and shoes, rubber 1
Boxes, set-up paper boxes and cartons. 4
Boxes, wooden packing, except cigar boxes 2
Brick and fire-clay products 2
Brushes 2
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies. 2
Cash registers and calculating machines 1
Cheese 1
Cleansing and polishing preparations .. 2
Clocks 1
Coffins, burial cases, and undertakers' goods 1
Cooperage, hogsheads and barrels 2
Dental goods 3
Druggists' preparations 2
Dyeing and finishing textiles, exclusive of that done in textile mills 2
Engines, steam, gas, and water 1
Engraving and diesinking 2
Firearms 2
Fireworks 1
Flour-mill and gristmill products 1
Galvanizing 1
Gas, illuminating and heating 2
Gloves and mittens, cloth, not including gloves made in textile mills 1
Glucose and starch 1
Hand stamps 1
Hardware, saddlery 2
Hat and cap materials 1
Hats and caps, other than felt, straw, and wool 8
Hats, fur-felt 2
Horseshoes, not made in steel works or rolling mills 1
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, forgings, not made in steel works or rolling mills 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).
[3] Same number reported for one or more other months.

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.*								
1,117	996	6,545	.....	1,120	59	11,051	420	24,495	13,024	9	.....	.....	.....	.....	9	.....	1
30,155	14,637	68,609	.....	3,089	7,741	293,049	13,735	614,825	308,041	206	25	.....	.....	.....	181	.....	2
292,038	68,700	952,004	51,390	13,957	91,520	1,083,968	76,054	3,190,535	2,030,513	1,074	555	.....	4	.....	515	333	3
178,998	29,836	598,034	.....	480	67,502	672,999	56,916	1,911,856	1,181,941	665	515	.....	.....	.....	150	333	4
113,040	38,864	353,970	51,390	13,477	24,018	410,969	19,138	1,278,679	848,572	409	40	.....	4	.....	365	.....	5
.....	.....	22,484	.....	2,160	1,763	28,571	137	69,387	40,679	3	.....	.....	.....	.....	3	.....	6
64,365	32,124	205,450	4,006	5,000	10,856	308,069	7,359	822,556	507,128	244	75	.....	.....	.....	169	.....	7
59,240	30,300	175,250	4,006	3,200	9,984	267,011	6,287	718,204	444,906	214	75	.....	.....	.....	139	.....	8
5,125	1,824	30,200	.....	1,800	872	41,058	1,072	104,352	62,222	30	.....	.....	.....	.....	30	.....	9
2,600	1,000	11,536	.....	2,453	64	43,077	2,747	74,579	27,855	17	.....	.....	1	.....	16	.....	10
390,550	518,856	2,594,275	77,729	7,719	273,021	2,461,438	126,718	8,497,119	5,908,963	2,598	1,775	.....	10	.....	813	198	11
16,650	9,856	39,240	.....	2,077	21,981	36,413	58,365	276,415	181,637	797	700	45	.....	.....	52	76	12
5,984	1,108	10,357	.....	3,465	55	16,959	460	44,432	27,013	6	.....	.....	.....	.....	6	.....	13
1,560	800	16,088	.....	3,784	67	29,051	348	67,305	37,906	14	.....	.....	.....	.....	14	.....	14
63,044	16,868	138,061	.....	.....	633,424	266,955	30,825	1,620,589	1,322,809	895	880	.....	.....	.....	15	134	15
31,823	16,218	181,732	50	13,510	17,298	467,205	19,332	913,729	427,192	913	500	.....	69	.....	344	.....	16
75,757	73,144	450,814	.....	.....	130,469	331,209	19,080	1,263,178	912,889	326	107	.....	.....	.....	219	35	17
4,840	1,200	43,767	854	1,346	1,062	57,694	3,099	152,996	92,203	109	.....	.....	10	.....	99	.....	18
3,000	1,144	52,642	.....	1,680	835	156,777	1,876	265,925	107,272	63	.....	.....	.....	.....	63	.....	19
1,434	5,460	7,647	.....	1,681	4,092	24,184	24	55,470	31,262	1	.....	.....	.....	.....	1	.....	20
9,300	1,500	35,527	.....	5,229	8,305	132,746	2,834	279,868	144,288	88	.....	.....	4	.....	84	.....	21
2,080	120	27,003	.....	1,350	112	3,335	784	42,594	38,475	20	.....	.....	.....	.....	20	.....	22
19,460	10,920	16,180	.....	5,036	1,798	67,004	806	165,875	98,065	11	.....	.....	.....	.....	11	.....	23
50,800	25,199	339,939	.....	153	80,224	1,335,740	304,523	2,426,646	786,383	2,060	875	1,050	.....	125	10	1,970	24
1,000	200	10,471	.....	1,957	328	55,290	2,800	88,316	30,226	83	.....	.....	.....	.....	83	.....	25
819	3,560	32,956	.....	1,994	298	13,188	2,183	82,035	66,664	12	.....	.....	.....	.....	12	.....	26
123,999	141,551	392,619	79,928	23,020	20,175	621,414	19,340	1,790,064	1,149,310	407	.....	.....	.....	.....	407	.....	27
90,963	197,944	150,603	185,392	15,169	5210	401,702	20,054	1,497,585	1,075,829	438	150	.....	.....	.....	288	30	28
68,427	171,609	149,103	5,004	11,798	5,017	378,808	19,878	1,173,272	774,586	438	150	.....	.....	.....	288	30	29
22,536	26,335	1,500	180,388	3,371	193	22,894	176	324,313	301,243	.....	.....	.....	.....	.....	.....	.....	30
3,112	4,368	40,093	.....	5,700	621	380,792	5,360	480,296	94,144	209	25	.....	.....	.....	184	.....	31
42,960	19,351	275,207	.....	1,820	102,822	142,529	24,703	833,794	666,562	484	19	.....	.....	.....	465	.....	32
.....	.....	19,460	.....	1,230	115	498	679	21,217	20,040	11	.....	.....	.....	.....	11	.....	33
6,073	4,350	15,135	250	6,855	1,399	50,773	619	145,041	93,649	21	.....	.....	.....	.....	21	.....	34
14,197	5,564	85,289	44	4,972	360	46,840	4,943	223,347	171,564	125	35	.....	.....	.....	90	.....	35
4,476	746	40,201	.....	1,874	358	91,663	1,722	152,305	58,920	35	.....	.....	.....	.....	35	.....	36
9,870	7,839	37,021	.....	2,700	208	99,608	1,285	202,500	101,607	15	.....	.....	.....	.....	15	.....	37
41,439	36,933	727,340	26,000	12,124	241,756	778,641	6,388	2,270,666	1,485,637	46	.....	.....	.....	.....	46	.....	38
84,684	10,860	329,561	5,700	9,152	75,656	238,889	14,008	1,064,852	811,955	362	.....	.....	.....	.....	362	.....	39
36,833	23,952	185,809	.....	4,140	12,780	255,437	8,299	688,629	424,893	151	100	.....	.....	.....	51	.....	40
3,080	872	12,869	.....	480	514	14,903	867	45,246	29,476	63	60	.....	.....	.....	3	.....	41
3,393,263	2,760,566	20,326,928	17,825	65,673	2,976,438	32,184,906	2,071,723	77,242,817	42,986,188	33,248	11,773	13,037	2,185	95	6,158	22,023	42

Jewelry and instrument cases..... 2
Knit goods..... 3
Lithographing..... 1
Looking-glass and picture frames..... 2
Lumber and timber products..... 2
Minerals and earths, ground or otherwise treated..... 1
Mirrors, framed and unframed, not elsewhere specified..... 1
Musical instruments and materials, not elsewhere specified..... 1
Musical instruments, pianos..... 1
Ordnance and accessories..... 1
Paper goods, not elsewhere specified.. 1
Peanuts, grading, roasting, cleaning, and shelling..... 1
Perfumery and cosmetics..... 2
Pickles and sauces..... 1
Plated ware, knives, forks, spoons, and other flat ware..... 1
Plumbers' supplies, not elsewhere specified..... 1
Regalia, and society badges and emblems..... 1
Roofing materials..... 1
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 5
Saws..... 1
Sewing-machine attachments..... 1
Shipbuilding, wooden, repair work only 2
Show cases..... 1
Silk goods..... 1
Slaughtering and meat packing..... 2
Smelting and refining, metals, not elsewhere specified..... 1
Springs, steel, carriage and wagon..... 1
Stamped ware, not elsewhere specified. 1
Stationery goods, not elsewhere specified..... 1
Statuary and art goods..... 2
Steam fittings and steam and hot-water heating apparatus..... 2
Stoves, gas and oil..... 1
Straw goods, not elsewhere specified... 1
Tobacco, smoking..... 2
Toys and games..... 4
Trunks and valises..... 1
Vinegar and cider..... 2
Wall plaster and composition flooring.. 1
Window and door screens..... 1
Window shades and fixtures..... 3
Wire..... 1
Wooden goods, not elsewhere specified. 2

[1] Same number reported throughout the year.

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

TABLE 34.—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	**WATERBURY**—All industries	253	34,651	167	1,212	1,669	1,281	30,322	Ja 34,865	Ap 27,373	31,600	24,564	6,568	254	214	*Dollars.* 122,127,618
2	Automobile bodies and parts	3	23	2	2	.....	1	18	My [3] 20	Fe 14	20	18	2	.....	.....	52,998
3	Automobile repairing	26	128	23	14	4	9	78	Au 89	Ja 63	86	86	.....	.....	.....	204,045
4	Awnings, tents, and sails	4	12	4	.....	.....	1	7	Jy 11	Fe [3] 3	8	4	4	.....	.....	7,415
5	Brass, bronze, and copper products	21	20,305	1	568	1,108	620	18,008	.....	.....	18,003	15,476	2,504	19	4	84,450,339
6	Brass and bronze products	18	20,195	1	554	1,107	616	17,917	Ja 23,364	My 15,377	17,899	15,374	2,502	19	4	83,882,468
7	Copper and all other products	3	110	.....	14	1	4	91	No [3] 104	Ap 67	104	102	2	.....	.....	567,871
8	Bread and other bakery products	31	224	36	8	18	8	154	Au 160	Ja 143	149	131	18	.....	.....	329,627
9	Buttons	3	603	.....	35	27	32	509	Se 545	Fe 468	509	249	221	13	26	1,624,876
10	Carriages and wagons, including repairs	3	22	1	5	3	.....	13	Ap [3] 14	Ja 11	12	12	.....	.....	.....	14,401
11	Confectionery and ice cream	8	52	7	4	3	2	36	.....	.....	33	30	3	.....	.....	159,052
12	Confectionery	3	6	2	.....	.....	.....	4	Ja [3] 5	Jy 2	5	3	2	.....	.....	11,572
13	Ice cream	5	46	5	4	3	2	32	Au 42	Ja [3] 27	28	27	1	.....	.....	147,480
14	Engraving and diesinking	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,600
15	Foundry and machine-shop products	24	2,262	4	95	62	57	2,044	.....	.....	2,223	2,171	42	10	.....	7,776,460
16	Machine shops	20	979	4	48	38	30	859	De 927	Ja [3] 811	928	889	33	6	.....	3,205,133
17	All other	4	1,283	.....	47	24	27	1,185	No 1,300	Fe 1,086	1,295	1,282	9	4	.....	4,511,327
18	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	101	1	11	4	4	81	Oc 90	Ap 70	87	86	1	.....	.....	289,029
19	Mineral and carbonated waters	10	48	6	8	3	5	26	Jy 34	Ja [3] 18	27	24	.....	3	.....	211,979
20	Models and patterns, not including paper patterns.	4	17	3	3	1	.....	10	De 21	Fe [3] 6	21	21	.....	.....	.....	17,931
21	Needles, pins, and hooks and eyes	6	1,968	.....	126	80	123	1,639	De 1,827	Ja 1,494	1,827	1,199	606	8	14	4,535,118
22	Printing and publishing, book and job	17	80	22	5	1	4	48	Se 54	Ja 41	49	39	3	5	2	107,192
23	Printing and publishing, newspapers and periodicals.	4	173	2	16	59	30	66	De 74	Fe 60	74	73	1	.....	.....	549,121
24	Sausage, not made in slaughtering and meat-packing establishments.	3	23	2	3	1	1	16	No 19	Mh [3] 14	17	17	.....	.....	.....	91,382
25	Stamped ware, not elsewhere specified	5	758	3	39	30	25	661	Ja 760	Au 601	669	411	245	6	7	2,444,707
26	Tobacco, cigars	11	43	12	1	.....	.....	30	Ja 34	Jy [3] 26	33	30	3	.....	.....	21,793
27	Tools, machinists'	3	14	2	2	1	1	8	Fe [3] 10	Jc 6	14	8	6	.....	.....	37,525
28	All other industries *	60	7,792	33	267	264	358	6,870	.....	.....	7,739	4,479	2,909	190	161	19,199,028

*All other industries embrace—

Belting, leather	1
Bookbinding and blank-book making	1
Boxes, set-up paper boxes	2
Brushes	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
Cheese	1
Cleansing preparations	1
Clocks	1
Clothing, women's, suits, skirts, and cloaks	1
Cooperage, hogsheads and barrels	2
Copper, tin, and sheet-iron work	2
Cutlery and edge tools	1
Electrical machinery, apparatus, and supplies	2
Fancy articles, metal novelties	1
Flour-mill and gristmill products	1
Food preparations, macaroni, vermicelli, and noodles	2
Fur goods	3
Gas, illuminating and heating	1
Hardware	2
Hats, fur-felt	1
Instruments, professional and scientific	2

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
1	ANSONIA	50	6,837	45	199	310	181	6,102	De 6,978	Mh 5,418	6,989	6,126	800	21	42	22,882,934
2	BRISTOL	68	8,487	55	234	327	279	7,592	De 8,275	Ja 6,686	8,199	6,773	1,283	65	78	30,354,716
3	DANBURY	108	5,539	95	181	128	102	5,033	De 5,816	Ja 4,299	5,819	4,068	1,646	59	46	15,103,124
4	DERBY	46	1,857	35	92	102	61	1,567	Fe 1,628	Se 1,484	1,613	1,281	302	10	20	8,844,024
5	MERIDEN	162	10,338	119	364	597	464	8,794	De 9,373	Ja 7,682	9,381	6,987	2,171	115	108	28,404,298
6	MIDDLETOWN	88	4,481	67	172	140	117	3,985	De 4,330	Fe 3,635	4,353	2,587	1,638	46	82	20,449,831
7	NAUGATUCK	27	5,634	13	251	176	164	5,030	No 5,232	My 4,841	5,146	3,457	1,569	74	46	29,994,169
8	NEW LONDON	91	2,658	88	116	100	113	2,241	De 2,531	Ja 1,698	2,531	1,645	853	18	15	9,719,232
9	NORWALK	132	6,579	102	255	373	216	5,633	De 6,315	Ja 5,134	6,328	3,793	2,267	150	118	17,526,428
10	NORWICH	121	5,529	88	153	120	150	5,018	De 5,516	Ja 4,110	5,617	3,987	1,436	109	85	21,364,676
11	STAMFORD	116	9,120	105	221	430	425	7,939	De 9,088	My 7,253	9,095	7,535	1,416	88	56	35,837,868
12	TORRINGTON	63	7,251	47	197	242	157	6,608	No 7,119	My 6,193	7,073	5,599	1,255	131	88	20,851,853
13	WILLIMANTIC	43	4,330	40	148	277	240	3,625	De 3,860	My 3,454	3,848	1,915	1,785	70	78	20,556,491

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
Dollars. 3,874,788	*Dollars.* 3,989,347	*Dollars.* 35,885,915	*Dollars.* 59,736	*Dollars.* 181,315	*Dollars.* 4,643,109	*Dollars.* 63,134,099	*Dollars.* 4,177,792	*Dollars.* 130,193,040	*Dollars.* 62,881,149	62,550	18,617	29,934	429	332	13,208	11,059	1
7,215	1,400	22,236	.....	875	1,204	17,213	1,940	69,328	50,175	64	.....	.....	.....	.....	64	.....	2
18,916	9,291	105,518	1,517	23,345	1,202	130,931	7,818	337,082	198,333	69	.....	.....	.....	.....	69	.....	3
.....	240	5,888	.....	1,125	36	8,310	125	19,450	11,015	2	.....	.....	.....	.....	2	.....	4
2,032,082	2,557,838	21,930,604	.....	25,575	2,290,885	46,888,924	3,130,651	86,483,986	36,464,411	46,054	10,480	29,680	400	.....	5,494	4,629	5
1,995,038	2,553,460	21,818,988	.....	24,375	2,195,880	46,527,158	3,110,852	85,785,219	36,147,209	45,669	10,480	29,680	400	.....	5,109	4,629	6
37,044	4,378	111,616	.....	1,200	95,005	361,766	19,799	698,767	317,202	385	.....	.....	.....	.....	385	.....	7
15,234	24,250	193,918	.....	22,365	6,711	815,655	33,940	1,316,774	467,179	202	.....	.....	.....	.....	202	.....	8
99,880	76,475	439,690	.....	6,545	21,043	419,280	25,567	1,292,463	847,616	711	295	.....	.....	.....	416	.....	9
6,667	3,572	10,300	253	2,180	448	14,839	765	43,277	27,673	22	.....	.....	.....	.....	22	.....	10
7,628	4,604	38,762	.....	2,146	16,162	180,313	10,392	302,296	111,591	197	.....	.....	.....	.....	197	.....	11
.....	.....	3,821	.....	926	683	9,685	451	17,612	7,476	4	.....	.....	.....	.....	4	.....	12
7,628	4,604	34,941	.....	1,220	15,479	170,628	9,941	284,684	104,115	193	.....	.....	.....	.....	193	.....	13
.....	.....	.....	150	204	12	190	83	6,049	5,776	.....	.....	.....	.....	.....	.....	.....	14
368,381	190,755	2,866,536	2,295	24,913	573,418	1,615,298	139,577	7,690,482	5,935,607	3,746	1,861	4	.....	.....	1,881	2,851	15
169,991	109,762	1,050,019	2,295	24,913	200,474	999,878	52,771	3,341,270	2,288,621	1,726	300	.....	.....	.....	1,426	.....	16
198,390	80,993	1,816,517	.....	.....	372,944	615,420	86,806	4,349,212	3,646,986	2,020	1,561	4	.....	.....	455	2,851	17
20,629	6,010	85,163	.....	6,161	3,296	190,706	7,110	334,794	136,978	310	250	.....	.....	.....	90	.....	18
15,150	3,230	21,964	.....	3,264	10,606	88,543	2,400	171,457	80,514	29	.....	.....	.....	.....	29	.....	19
3,020	1,100	10,527	.....	930	88	5,412	805	34,761	28,544	21	.....	.....	.....	.....	21	.....	20
306,436	264,483	1,975,082	40,271	3,240	326,183	3,462,983	98,461	7,013,062	3,451,618	1,885	1,701	.....	.....	60	124	1,132	21
12,795	5,802	44,435	.....	9,032	1,998	50,032	2,744	160,927	108,151	55	.....	.....	.....	.....	55	.....	22
43,926	97,832	106,004	4,180	3,464	12,539	113,890	9,229	561,552	438,433	175	.....	.....	.....	.....	175	.....	23
9,000	4,300	24,716	.....	2,921	510	311,634	2,688	401,790	87,468	81	.....	.....	.....	.....	81	.....	24
89,435	70,345	715,388	.....	750	275,810	683,452	31,224	1,980,670	1,265,994	585	50	.....	.....	.....	535	.....	25
1,820	.....	34,924	.....	3,515	11,394	38,488	457	103,976	65,031	1	.....	.....	.....	.....	1	.....	26
7,100	1,057	11,801	.....	870	292	48,421	290	75,391	26,680	5	.....	.....	.....	.....	5	.....	27
809,474	666,763	7,242,459	11,070	37,895	1,089,182	8,049,585	671,526	21,793,473	13,072,362	8,306	4,010	250	29	272	3,745	2,447	28

Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 2
Iron and steel, forgings, not made in steel works or rolling mills 2
Iron and steel, welding 1
Jewelry 2
Lamps 1
Lapidary work 1
Liquors, malt 1
Marble and stone work 1
Mattresses and spring beds, not elsewhere specified 1
Patent and proprietary medicines 1
Plated ware, knives, forks, spoons, and other flat ware 1
Plumbers' supplies, not elsewhere specified 1
Pumps, not including power pumps 1
Rubber tires, tubes, and rubber goods, not elsewhere specified 1
Smelting and refining, not from the ore 1
Stationery goods, not elsewhere specified 2
Structural ironwork, not made in steel works or rolling mills 2
Sulphuric, nitric, and mixed acids 1
Suspenders, garters, and elastic woven goods 1
Watch materials, except watch cases 2
Watches 2

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

934,795	797,582	7,809,435	3,251	20,871	2,350,932	32,529,837	952,092	47,736,411	14,254,482	19,849	5,450	3,375	.....	737	10,287	6,309	1
713,099	650,333	9,049,063	16,828	5,455	1,066,924	12,226,973	760,626	30,689,970	17,702,371	18,013	3,450	50	206	145	14,162	1,666	2
928,443	448,997	5,048,984	3,873	44,955	473,829	13,783,812	422,146	25,744,905	11,538,947	7,669	3,720	30	.....	310	3,609	708	3
427,866	223,323	1,930,693	5,399	16,782	515,946	4,193,062	129,003	10,386,153	6,064,088	3,624	350	.....	.....	215	3,059	425	4
1,088,941	1,276,782	9,114,687	98,949	64,539	918,548	15,015,881	635,521	34,261,304	18,609,902	11,362	4,913	.....	196	435	5,818	2,362	5
537,943	453,357	3,928,474	45,184	42,262	1,380,090	10,314,576	492,371	18,158,983	7,352,036	6,953	2,837	70	107	478	3,461	581	6
523,088	328,924	5,172,456	.....	9,899	790,708	8,892,663	415,611	19,993,338	10,685,064	11,562	5,433	1,150	.....	808	4,171	3,900	7
394,740	218,003	2,371,986	8,419	46,804	216,547	5,092,413	244,886	10,274,112	4,936,813	6,329	2,060	210	22	.....	4,037	86	8
1,145,576	584,077	5,446,296	44,194	96,419	613,703	12,626,960	346,030	25,518,505	12,545,515	6,360	3,186	78	57	280	2,759	817	9
743,223	323,124	5,242,935	542,463	43,969	948,008	14,563,692	603,504	28,625,546	13,458,350	17,092	5,925	520	20	3,971	6,656	1,748	10
1,112,606	1,096,223	9,416,797	167	62,036	1,437,633	19,325,959	780,255	39,121,451	19,015,237	18,544	3,820	3,365	877	.....	10,482	3,831	11
797,699	585,441	7,175,297	7,169	7,585	1,125,277	15,351,255	915,776	29,240,854	12,973,823	17,920	6,027	8,600	27	130	3,136	7,149	12
574,070	755,274	3,485,730	258,278	28,823	1,739,231	11,609,525	209,704	22,986,585	11,167,356	11,495	5,592	2,000	2	3,206	695	1,958	13

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