DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

NEBRASKA

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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 fuels impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

NEBRASKA.

GENERAL STATISTICS.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	2,884	36,521	$46,066,755	$8,566,092	$480,774,122	$596,042,498	$115,268,376	125,814
Adams	65	715	719,322	96,362	3,039,892	4,531,123	1,491,231	2,130
Antelope	26	54	45,952	5,188	519,448	678,105	158,657	850
Boone	29	46	55,273	10,436	673,247	892,616	219,369	568
Box Butte	18	425	745,887	7,745	1,108,070	2,018,761	910,691	386
Boyd	12	7	6,575	1,486	113,415	146,458	33,043	238
Brown	12	72	113,622	4,039	97,410	243,108	145,698	49
Buffalo	42	132	123,134	35,333	2,626,342	3,087,048	460,706	1,589
Burt	28	31	40,487	6,284	102,753	205,302	102,549	198
Butler	34	51	57,932	7,487	401,647	519,994	118,347	624
Cass	51	664	861,975	31,903	1,104,139	2,285,315	1,181,176	3,163
Cedar	26	41	45,786	5,525	201,559	327,614	126,055	466
Chase	5	9	9,109	2,413	206,038	237,433	31,395	327
Cherry	11	21	19,825	6,149	120,677	166,296	45,619	431
Cheyenne	15	85	143,669	4,675	70,730	259,650	188,920	138
Clay	36	83	82,951	8,899	493,314	692,971	199,657	815
Colfax	26	141	145,392	57,762	5,264,176	6,251,327	987,151	974
Cuming	32	43	48,906	7,570	300,741	448,015	147,274	426
Custer	33	41	43,418	8,799	219,419	336,029	116,610	529
Dakota	6	4	4,140	498	8,639	23,643	15,004	24
Dawes	18	289	488,003	10,780	482,038	1,120,649	638,611	406
Dawson	33	92	120,251	34,992	2,122,218	2,474,348	352,130	1,187
Deuel	4	12	15,420	1,150	103,163	132,326	29,163	69
Dixon	22	30	34,929	2,826	77,260	144,537	67,277	150
Dodge	90	534	564,690	73,371	4,901,543	6,272,618	1,371,075	2,313
Douglas	596	21,543	27,562,401	4,873,077	385,905,594	455,859,379	69,953,785	58,086
Dundy	10	7	6,925	1,482	96,366	143,146	46,780	81
Fillmore	36	118	103,791	10,037	198,082	439,473	241,391	344
Franklin	25	36	30,966	108,095	313,640	458,013	144,373	394
Frontier	9	11	11,115	1,419	201,207	228,811	27,604	162
Furnas	17	23	22,583	2,931	188,907	259,850	70,943	168
Gage	66	825	882,334	79,883	6,772,519	8,599,545	1,827,026	1,965
Garden	6	8	12,394	914	8,455	33,453	24,998	22
Garfield	5	3	3,220	396	66,638	83,031	16,393	58
Greeley	18	19	22,436	2,501	367,010	432,988	65,978	333
Hall	64	882	1,346,108	134,161	4,486,618	7,016,019	2,529,401	2,520
Hamilton	20	55	56,602	8,747	160,254	294,364	134,110	198
Harlan	13	19	23,218	2,147	559,568	646,413	86,845	121
Hitchcock	6	6	3,120	727	69,261	84,395	15,134	70
Holt	23	28	27,420	3,363	84,091	158,872	74,781	295
Howard	21	22	24,536	4,288	325,140	419,361	94,221	298
Jefferson	42	361	470,809	21,509	917,494	1,603,157	685,663	1,033
Johnson	31	34	42,347	3,256	195,798	305,090	109,292	197
Kearney	17	37	51,031	4,582	263,957	386,285	122,328	150
Keith	3	7	5,440	1,148	4,370	23,350	18,980	9
Kimball	7	17	21,542	2,673	35,262	81,397	46,135	456
Knox	27	38	39,346	6,196	303,403	427,521	124,118	407
Lancaster	256	3,995	4,792,534	562,971	19,545,504	31,416,742	11,871,238	10,423
Lincoln	25	386	702,321	13,363	720,588	1,582,630	862,042	1,318
Logan	4	3	4,100	559	5,079	19,750	14,671	18
Madison	78	418	552,918	31,959	1,662,618	2,596,385	933,767	1,235
Merrick	31	47	44,106	10,760	258,158	391,945	133,787	371
Morrill	16	161	238,823	434,702	1,583,524	2,881,059	1,297,535	2,046
Nance	19	22	23,881	4,411	108,233	169,878	61,645	116
Nemaha	23	53	48,362	7,273	155,368	263,316	107,948	300
Nuckolls	42	277	230,210	26,993	1,295,602	1,639,730	344,128	643
Otoe	56	751	781,832	274,104	12,834,046	15,570,409	2,736,363	2,205
Pawnee	16	50	57,192	2,679	111,050	214,490	103,440	428
Perkins	4	.....	.....	166	19,721	35,090	15,369	21
Phelps	23	61	60,746	7,362	374,384	527,741	153,357	411
Pierce	11	17	20,356	3,206	159,408	214,886	55,478	331
Platte	47	132	191,404	25,459	852,136	1,304,253	452,117	934
Polk	25	26	25,958	3,716	91,030	163,803	72,773	135
Redwillow	23	297	428,105	6,584	340,607	884,100	543,493	337
Richardson	36	327	421,774	11,319	833,991	1,463,726	629,735	1,152
Saline	45	211	199,280	60,309	3,371,695	5,165,384	1,793,689	1,184
Sarpy	12	45	61,492	27,928	416,254	607,734	191,480	622
Saunders	36	65	62,166	13,652	291,563	524,625	233,062	542
Scotts Bluff	34	580	860,711	1,233,929	4,841,026	9,090,651	4,249,625	6,145
Seward	26	62	58,346	12,464	735,470	910,927	175,457	960
Sheridan	20	282	375,319	21,008	943,217	2,127,032	1,183,815	5,822
Sherman	17	23	21,715	4,861	440,570	501,018	60,448	121
Stanton	14	17	22,545	4,146	149,498	210,072	60,574	168
Thayer	39	150	129,908	9,411	567,394	912,030	344,636	497
Thomas	3	1	1,500	232	2,559	7,605	5,046	3
Thurston	17	13	15,272	4,491	37,293	78,859	41,566	69
Valley	19	22	24,601	3,151	185,561	266,403	80,842	158
Washington	35	117	97,703	11,487	648,591	952,540	303,949	625
Wayne	24	34	46,266	4,873	204,199	335,092	130,893	160
Webster	11	14	17,248	3,263	196,030	252,842	56,812	150
York	39	119	122,589	15,997	821,431	1,137,250	315,819	539
All other counties [1]	22	22	19,140	2,100	89,212	143,302	54,090	108

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

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	2,884	36,521	100.0	$596,042	100.0	$115,268	100.0
Slaughtering and meat packing	16	10,122	27.7	303,849	51.0	32,387	28.1
Flour-mill and gristmill products	218	1,063	2.9	53,521	9.0	5,962	5.2
Butter	51	1,053	2.9	37,241	6.2	5,554	4.8
Cars and general shop construction and repairs by steam-railroad companies	24	6,178	16.9	17,909	3.0	10,692	9.3
Bread and other bakery products	324	1,624	4.4	13,313	2.2	5,690	4.9
Printing and publishing, newspapers and periodicals	554	1,522	4.2	10,179	1.7	7,175	6.2
Foundry and machine shop products	67	713	2.0	5,164	0.9	2,764	2.4
Printing and publishing, book and job	133	954	2.6	4,897	0.8	3,032	2.6
Automobile repairing	499	1,134	3.1	4,550	0.8	2,622	2.3
Confectionery and ice cream	53	607	1.7	3,666	0.6	1,415	1.2
Food preparations, not elsewhere specified	22	251	0.7	3,255	0.5	1,021	0.9
Poultry, killing and dressing, not done in slaughtering and meat-packing establishments	4	64	0.2	3,009	0.5	250	0.2
Coffee, roasting and grinding	9	160	0.4	2,637	0.4	587	0.5
Gas, illuminating and heating	20	291	0.8	2,446	0.4	1,311	1.1
Chemicals	12	300	0.8	2,305	0.4	1,335	1.2
Structural ironwork, not made in steel works or rolling mills	9	412	1.1	2,253	0.4	983	0.9
Windmills	4	455	1.2	2,203	0.4	917	0.8
Lumber, planing-mill products, not including planing mills connected with sawmills	29	422	1.2	2,182	0.4	970	0.8
Clothing, men's	5	496	1.4	1,967	0.3	964	0.8
Automobile bodies and parts	20	327	0.9	1,723	0.3	686	0.6
Marble and stone work	45	161	0.4	$1,474	0.2	$773	0.7
Saddlery and harness	53	127	0.3	1,434	0.2	533	0.5
Paints	5	58	0.2	1,308	0.2	625	0.5
Tobacco, cigars	82	428	1.2	1,133	0.2	478	0.4
Patent medicines and compounds	29	107	0.3	1,111	0.2	647	0.6
Boxes, paper and other, not elsewhere specified	3	225	0.6	1,067	0.2	426	0.4
Brick and terra-cotta products	29	402	1.1	1,065	0.2	825	0.7
Copper, tin, and sheet-iron work	49	156	0.4	1,028	0.2	468	0.4
Condensed milk	6	58	0.2	1,004	0.2	360	0.3
Mineral and carbonated waters	64	108	0.3	952	0.2	426	0.4
Ice, manufactured	33	257	0.7	947	0.2	617	0.5
Artificial stone products	107	213	0.6	947	0.2	502	0.4
Brooms, from broom corn	16	205	0.6	945	0.2	452	0.4
Liquors, cereal beverages	6	148	0.4	935	0.2	552	0.5
Rubber goods, not elsewhere specified	3	124	0.3	930	0.2	353	0.3
Druggists' preparations	11	89	0.2	929	0.1	595	0.5
Awnings, tents, and sails	9	127	0.3	796	0.1	319	0.3
Fur goods	7	93	0.3	713	0.1	324	0.3
Canning and preserving, fruits and vegetables	9	147	0.4	669	0.1	150	0.1
Mattresses and spring beds, not elsewhere specified	7	93	0.3	661	0.1	265	0.2
Grease and tallow, not including lubricating greases	3	33	0.1	615	0.1	204	0.2
Boxes, wooden packing, except cigar boxes	6	99	0.3	556	0.1	251	0.2
All other industries[1]	229	4,915	13.5	96,554	16.2	18,796	16.3

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

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

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

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

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

[1] Not shown separately in 1914.

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

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

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

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

MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909	MONTH.	NUMBER.[1] 1919	1914	1909	PER CENT OF MAXIMUM. 1919	1914	1909
January	36,545	24,159	*22,188*	95.7	90.2	85.3	July	36,576	25,726	24,742	95.8	96.0	95.4
February	35,032	*23,704*	23,263	91.7	88.5	89.7	August	37,683	**26,795**	25,628	98.7	100.0	98.8
March	*34,430*	24,103	22,994	90.2	90.0	88.6	September	37,760	26,210	**25,945**	98.9	97.8	100.0
April	34,938	24,560	23,744	91.5	91.6	91.5	October	37,836	26,017	25,373	99.1	97.1	97.8
May	34,748	25,147	24,277	91.0	93.8	93.6	November	38,038	24,852	24,929	99.6	92.7	96.1
June	36,477	25,802	24,748	95.5	96.3	95.4	December	**38,189**	24,653	24,251	100.0	92.0	93.5

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

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	36,521	36,545	35,032	*34,430*	34,938	34,748	36,477	36,576	37,683	37,760	37,836	38,038	**38,189**	90.2
Males	31,275	31,194	29,926	*29,678*	30,078	29,831	31,159	31,338	32,150	32,196	32,475	32,539	**32,736**	90.7
Females	5,246	5,351	5,106	*4,752*	4,860	4,917	5,318	5,238	5,533	**5,564**	5,361	5,499	5,453	85.4
Artificial stone products	213	*114*	122	173	266	276	**277**	265	266	254	230	177	136	41.2
Automobile bodies and parts	327	266	268	*252*	254	275	334	326	366	371	**412**	394	406	61.2
Automobile repairing	1,134	*989*	998	1,013	1,064	1,101	1,161	1,213	1,289	**1,319**	1,174	1,163	1,124	75.0
Boxes, paper and other, not elsewhere specified	225	191	*182*	*182*	189	222	253	248	248	232	237	250	**266**	68.4
Bread and other bakery products	1,624	1,564	1,495	*1,382*	1,525	1,567	1,751	1,726	1,687	1,668	1,709	**1,755**	1,659	78.7
Brick and terra-cotta products	402	*100*	155	232	409	522	576	613	**627**	608	456	362	164	15.9
Brooms, from broom corn	205	**212**	208	*198*	201	203	209	199	205	202	201	210	**212**	93.4
Butter	1,053	845	871	*817*	1,073	1,204	**1,439**	1,381	1,248	1,095	939	848	876	56.8
Cars and general shop construction and repairs by steam-railroad companies	6,178	6,053	6,038	6,047	6,011	*5,687*	5,851	5,990	6,209	6,249	6,482	6,670	**6,849**	83.0
Chemicals	300	**792**	411	87	58	54	51	*48*	152	428	532	511	476	6.1
Clothing, men's	496	505	501	492	493	487	487	*470*	471	481	482	492	**591**	79.5
Confectionery and ice cream	607	522	541	557	*515*	553	596	638	677	678	**679**	674	654	75.8
Flour-mill and gristmill products	1,063	1,070	1,001	1,016	1,005	994	*981*	1,012	1,092	1,101	1,139	1,150	**1,195**	82.1
Food preparations, not elsewhere specified	251	270	231	*198*	231	201	219	*198*	234	255	324	330	321	60.0
Foundry and machine-shop products	713	682	711	719	**769**	694	722	684	*666*	668	761	761	719	86.6
Gas, illuminating and heating	291	271	*250*	260	294	273	294	288	294	316	321	308	**323**	77.4
Ice, manufactured	257	148	163	186	225	277	332	397	**407**	331	276	202	*140*	34.4
Lumber, planing-mill products, not including planing mills connected with sawmills	422	381	381	*363*	387	404	423	437	460	443	456	**475**	454	76.4
Printing and publishing, book and job	954	877	894	896	933	940	931	930	975	978	985	1,037	**1,072**	81.8
Printing and publishing, newspapers and periodicals	1,522	*1,451*	1,464	1,492	1,489	1,508	1,535	1,492	1,492	1,550	1,573	**1,610**	1,608	90.1
Slaughtering and meat packing	10,122	**11,158**	10,675	10,535	9,988	9,553	10,252	10,134	10,024	9,806	*9,543*	9,596	10,200	85.5
Structural ironwork, not made in steel works or rolling mills	412	378	355	331	*329*	386	376	414	430	**514**	490	460	481	64.0
Tobacco, cigars	428	439	421	432	441	429	**443**	433	408	*405*	413	436	436	91.4
Windmills	455	**476**	471	470	454	*441*	444	448	445	450	449	457	455	92.6
All other industries	6,867	6,791	6,225	*6,100*	6,335	6,497	6,540	6,592	7,311	7,358	7,573	**7,710**	7,372	79.1
Industries showing large proportion of females.														
Boxes, paper and other, not elsewhere specified	86	68	*65*	67	*65*	78	100	103	97	90	94	100	**105**	61.9
Bread and other bakery products	600	601	555	*470*	564	587	**723**	660	596	590	643	643	568	65.0
Butter	217	143	137	*135*	239	271	**334**	305	272	231	205	161	171	40.4
Clothing, men's	455	462	460	451	452	446	446	*429*	433	443	446	456	**536**	80.0
Confectionery and ice cream	335	296	311	321	*277*	290	302	320	348	369	383	**407**	396	68.1
Food preparations, not elsewhere specified	71	78	60	*44*	49	62	63	55	74	70	98	**114**	85	38.6
Printing and publishing, book and job	268	260	*254*	*254*	261	262	259	255	269	270	272	291	**309**	82.2
Printing and publishing, newspapers and periodicals	337	327	333	341	339	334	340	*324*	328	336	342	340	**351**	92.3
Slaughtering and meat packing	1,047	**1,303**	1,243	1,061	*942*	897	956	1,014	1,038	1,053	953	1,077	1,027	72.3
Tobacco, cigars	258	**275**	256	263	271	259	272	268	240	*238*	239	259	256	86.5
Total for cities	25,816	25,780	25,482	25,265	25,272	*24,943*	26,173	26,201	**26,581**	26,222	25,926	25,917	26,030	93.8
Males	21,538	21,353	21,225	21,338	21,277	*20,922*	21,791	21,873	**22,166**	21,842	21,616	21,436	21,617	94.4
Females	4,278	4,427	4,257	*3,927*	3,995	4,021	4,382	4,328	4,415	4,380	4,310	**4,481**	4,413	87.6
GRAND ISLAND	733	716	687	*672*	713	704	734	721	**855**	843	720	709	713	78.6
Males	648	645	633	*619*	631	627	644	645	**701**	690	657	645	639	88.3
Females	85	71	54	*53*	82	77	90	76	**154**	153	72	64	74	34.4
HASTINGS	658	605	*601*	628	663	658	604	**699**	684	685	692	667	620	86.0
Males	486	*417*	437	453	484	479	507	523	**528**	523	524	500	457	79.0
Females	172	**188**	164	175	179	179	187	176	*156*	162	168	167	163	83.0
LINCOLN	2,743	2,613	2,630	*2,573*	2,610	2,583	2,721	2,761	2,811	2,871	2,859	2,932	**2,952**	87.2
Males	2,139	1,999	1,990	*1,975*	2,017	2,018	2,118	2,169	2,235	2,277	2,262	**2,308**	2,300	85.6
Females	604	614	640	598	593	*555*	603	592	576	594	597	624	**652**	86.7
NORTH PLATTE	378	361	379	374	392	*347*	365	371	378	364	391	**410**	404	84.6
Males	371	355	373	369	387	*341*	359	362	369	356	383	**402**	396	84.8
Females	7	6	6	5	*5*	6	6	9	9	8	8	**8**	8	55.6
OMAHA	21,304	21,485	21,185	21,018	20,894	*20,651*	21,659	21,649	**21,853**	21,459	21,255	21,199	21,341	94.5
Males	17,894	17,937	17,792	17,922	17,758	*17,457*	18,163	18,174	**18,333**	17,996	17,790	17,581	17,825	95.2
Females	3,410	3,548	3,393	*3,096*	3,136	3,194	3,496	3,475	3,520	3,463	3,465	**3,618**	3,516	85.6

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

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

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	2,884	36,521	554	1,800	3,569	316	3,507	109	3,454	55	3,915	30	4,531	10	3,321	5	3,028	5	11,196
Artificial stone products	107	213	21	79	97	4	36	3	80										
Automobile bodies and parts	20	327	1	10	16	5	74	3	101			1	136						
Automobile repairing	499	1,134	51	428	816	16	144	3	98	1	76								
Boxes, paper and other, not elsewhere specified	3	225				1	13	1	47			1	165						
Bread and other bakery products	324	1,624	64	220	381	25	230	1	31	3	199			1	252	1	531		
Brick and terra-cotta products	29	402		10	29	12	158	7	215										
Brooms, from broom corn	16	205	8	4	3	2	22			1	76	1	104						
Butter	51	1,053	2	28	56	11	125	2	64	5	401	3	407						
Cars and general shop construction and repairs by steam-railroad companies	24	6,178		2	7	4	57	1	26	4	257	5	976	5	1,749	2	1,430	1	1,676
Chemicals	12	300		4	10	3	37	3	96	2	157								
Clothing, men's	5	496				1	8	2	65			1	102	1	321				
Confectionery and ice cream	53	607	1	36	85	10	137	2	82	4	303								
Flour-mill and gristmill products	218	1,063	42	142	298	25	295	6	184	1	74	2	212						
Food preparations, not elsewhere specified	22	251	1	13	36	6	68			2	147								
Foundry and machine-shop products	67	713	4	37	82	17	167	6	199	2	154	1	111						
Gas, illuminating and heating	20	291	1	13	42	4	40			1	54	1	155						
Ice, manufactured	33	257	1	28	51	1	11	1	27	2	168								
Lumber, planing-mill products, not including planing mills connected with sawmills	29	422	1	17	52	5	62	3	82	3	226								
Printing and publishing, book and job	133	954	23	74	171	24	285	10	347	2	151								
Printing and publishing, newspapers and periodicals	554	1,522	298	310	531	25	265	6	184	2	152	3	390						
Slaughtering and meat packing	16	10,122		6	23	4	38	1	40							1	501	4	9,520
Structural ironwork, not made in steel works or rolling mills	9	412		2	7	5	57					2	348						
Tobacco, cigars	52	428	30	36	60	8	80	5	117	3	162								
Windmills	4	455		1	4			1	33	1	70			1	348				
All other industries	554	6,867	95	291	703	98	1,098	42	1,336	16	1,088	9	1,425	2	651	1	566		
Total for cities	869	25,816	192	451	1,083	189	2,184	73	2,335	44	3,281	17	2,471	5	1,650	3	1,616	5	11,196
GRAND ISLAND	47	733	4	30	72	11	144					1	107	1	410				
HASTINGS	55	658	3	29	49	13	142	8	250	1	75	1	142						
LINCOLN	210	2,743	10	124	274	51	592	14	432	8	577	2	348			1	520		
NORTH PLATTE	16	378	1	11	23	3	19							1	336				
OMAHA	561	21,304	84	257	665	111	1,287	51	1,653	35	2,629	13	1,874	3	904	2	1,096	5	11,196

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

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	2,884	2,492	2,500	36,521	25,144	24,336	$596,042,498	$221,615,848	$199,018,579	$115,268,376	$47,502,164	$47,937,608
Less than $5,000	963	1,253	1,266	536	1,060	1,089	2,500,345	2,978,678	2,951,130	1,628,628	1,917,464	1,967,985
$5,000 to $20,000	1,029	718	685	2,108	2,166	2,477	10,273,250	7,025,939	6,778,610	5,773,777	3,741,374	3,844,645
$20,000 to $100,000	572	366	399	4,036	3,771	4,220	26,185,749	16,234,647	17,100,526	11,097,371	6,433,023	6,781,959
$100,000 to $500,000	231	115	133	6,834	8,516	7,862	52,104,131	24,750,090	35,055,151	19,820,223	14,515,305	13,363,538
$500,000 to $1,000,000	34	18		2,936			21,575,469	11,924,633		8,781,178		
$1,000,000 and over	55	22	17	20,071	9,631	8,688	480,403,554	158,701,861	137,133,162	68,167,099	20,894,998	22,059,481
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	33.4	50.3	50.6	1.5	4.2	4.5	0.4	1.3	1.5	1.4	4.0	4.0
$5,000 to $20,000	35.7	28.8	27.4	5.8	8.6	10.2	1.7	3.2	3.4	5.0	7.9	8.0
$20,000 to $100,000	19.8	14.7	16.0	11.1	15.0	17.3	4.4	7.3	8.6	9.6	13.5	14.1
$100,000 to $500,000	8.0	4.6	5.3	18.7	33.9	32.3	8.7	11.2	17.6	17.2	30.6	27.9
$500,000 to $1,000,000	1.2	0.7		8.0			4.1	5.4		7.6		
$1,000,000 and over	1.9	0.9	0.7	55.0	38.3	35.7	80.6	71.6	68.9	59.1	44.0	46.0

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
AUTOMOBILE REPAIRING	499	4	100.0	100.0	1,134	8	100.0	100.0	$4,549,978	$14,670	100.0	100.0	$2,621,684	$11,689	100.0	100.0
Less than $5,000	236	[1] 4	47.3	100.0	203	[1] 8	17.9	100.0	658,936	[1] 14,670	14.5	100.0	473,699	[1] 11,689	18.1	100.0
$5,000 to $20,000	235	.....	47.1	.....	593	.....	52.3	.....	2,080,684	.....	45.7	.....	1,356,248	.....	51.7	.....
$20,000 to $100,000	23	.....	4.6	.....	164	.....	14.5	.....	821,403	.....	18.0	.....	418,762	.....	16.0	.....
$100,000 to $500,000	5	.....	1.0	.....	174	.....	15.3	.....	988,955	.....	21.7	.....	372,975	.....	14.2	.....
BREAD AND OTHER BAKERY PRODUCTS	324	333	100.0	100.0	1,624	1,140	100.0	100.0	13,313,167	5,110,961	100.0	100.0	5,690,124	2,493,771	100.0	100.0
Less than $5,000	68	174	21.0	52.3	24	105	1.5	9.2	184,921	522,656	1.4	10.2	65,843	247,032	1.2	9.9
$5,000 to $20,000	180	138	55.6	41.4	236	292	14.5	25.6	1,888,742	1,282,424	14.2	25.1	687,417	567,088	12.1	22.7
$20,000 to $100,000	65	16	20.1	4.8	276	116	17.0	10.2	2,386,449	613,207	17.9	12.0	795,372	268,691	14.0	10.8
$100,000 to $500,000	7	[2] 5	2.2	1.5	157	[2] 627	9.7	55.0	1,638,562	[2] 2,692,674	12.3	52.7	594,398	[2] 1,410,360	10.4	56.6
$500,000 and over	4	.....	1.2	.....	931	.....	57.3	.....	7,214,493	.....	54.2	.....	3,547,094	.....	62.3	.....
BUTTER	51	48	100.0	100.0	1,053	696	100.0	100.0	37,240,778	11,082,123	100.0	100.0	5,554,270	1,291,137	100.0	100.0
Less than $20,000	5	13	9.8	27.1	4	12	0.4	1.7	49,232	146,597	0.1	1.3	11,155	22,181	0.2	1.7
$20,000 to $100,000	23	20	45.1	41.7	51	67	4.8	9.6	1,263,946	821,738	3.4	7.4	171,894	150,930	3.1	11.7
$100,000 to $500,000	8	[3] 11	15.7	22.9	67	[3] 233	6.4	33.5	2,506,129	[3] 3,397,183	6.7	30.7	232,534	[3] 327,023	4.2	25.3
$500,000 to $1,000,000	5	.....	9.8	.....	79	.....	7.5	.....	3,234,510	.....	8.7	.....	235,467	.....	4.2	.....
$1,000,000 and over	10	4	19.6	8.3	852	384	80.9	55.2	30,186,961	6,716,605	81.1	60.6	4,903,220	791,003	88.3	61.3
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES.	24	18	100.0	100.0	6,178	4,111	100.0	100.0	17,909,663	6,736,863	100.0	100.0	10,692,376	3,873,707	100.0	100.0
Less than $100,000	7	6	29.2	33.3	90	144	1.5	3.5	316,268	242,753	1.8	3.6	242,743	166,910	2.3	4.3
$100,000 to $500,000	7	8	29.2	44.4	811	[4] 3,967	13.1	96.5	1,737,468	2,030,966	9.7	30.1	1,354,807	[4] 3,706,797	12.7	95.7
$500,000 and over	10	4	41.7	22.2	5,277	.....	85.4	.....	15,855,327	4,463,144	88.5	66.2	9,094,826	.....	85.1	.....
COFFEE, ROASTING AND GRINDING	9	6	100.0	100.0	160	98	100.0	100.0	2,637,486	1,261,606	100.0	100.0	587,499	216,995	100.0	100.0
Less than $100,000	4	[5] 6	44.4	100.0	11	[5] 98	6.9	100.0	207,815	[5] 1,261,606	7.9	100.0	49,559	[5] 216,995	8.4	100.0
$100,000 and over	5	.....	55.6	.....	149	.....	93.1	.....	2,429,671	.....	92.1	.....	537,940	.....	91.6	.....
CONFECTIONERY AND ICE CREAM	53	43	100.0	100.0	607	399	100.0	100.0	3,665,749	1,465,525	100.0	100.0	1,414,978	577,976	100.0	100.0
Less than $5,000	6	12	11.3	27.9	4	7	0.7	1.8	19,121	30,054	0.5	2.1	8,813	15,156	0.6	2.6
$5,000 to $20,000	17	19	32.1	44.2	30	37	4.9	9.3	194,764	199,669	5.3	13.6	75,705	88,283	5.4	15.3
$20,000 to $100,000	21	8	39.6	18.6	139	75	22.9	18.8	1,074,100	344,302	29.3	23.5	308,977	131,841	26.1	22.8
$100,000 and over	9	4	17.0	9.3	434	280	71.5	70.2	2,377,704	891,500	64.9	60.8	961,483	342,696	67.9	59.3
FLOUR-MILL AND GRISTMILL PRODUCTS	218	211	100.0	100.0	1,063	682	100.0	100.0	53,521,388	15,022,126	100.0	100.0	5,962,088	2,038,893	100.0	100.0
Less than $5,000	17	22	7.8	10.4	1	4	0.1	0.6	50,088	56,514	0.1	0.4	6,879	13,146	0.1	0.6
$5,000 to $20,000	37	68	17.0	32.2	17	80	1.6	11.7	456,524	819,499	0.9	5.5	74,797	117,297	1.3	5.8
$20,000 to $100,000	97	94	44.5	44.5	159	256	15.0	37.5	4,784,495	4,526,113	8.9	30.1	705,876	752,743	11.8	36.9
$100,000 to $500,000	48	21	22.0	10.0	290	[4] 342	27.3	50.1	10,421,604	3,911,263	19.5	26.0	1,345,926	[4] 1,155,707	22.6	56.7
$500,000 to $1,000,000	6	[2] 6	2.8	2.8	59	.....	5.6	.....	4,271,540	[2] 5,708,797	8.0	38.0	380,542	.....	6.4	.....
$1,000,000 and over	13	.....	6.0	.....	537	.....	50.5	.....	33,537,637	.....	62.7	.....	3,448,068	.....	57.8	.....
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	22	23	100.0	100.0	251	283	100.0	100.0	3,255,389	3,832,614	100.0	100.0	1,021,410	970,041	100.0	100.0
Less than $5,000	.....	4	.....	17.4	.....	1	.....	0.4	.....	8,028	.....	0.2	.....	3,757	.....	0.4
$5,000 to $20,000	[6] 7	5	31.8	21.7	[6] 11	16	4.4	5.7	[6] 61,843	53,126	1.9	1.4	[6] 20,328	31,043	2.0	3.2
$20,000 to $100,000	10	8	45.5	34.8	60	55	23.9	19.4	663,769	364,570	20.4	9.5	199,101	67,844	19.5	7.
$100,000 and over	5	6	22.7	26.1	180	211	71.7	74.6	2,529,777	3,406,890	77.7	88.9	801,981	867,397	78.5	89.0
FOUNDRY AND MACHINE-SHOP PRODUCTS [7]	71	64	100.0	100.0	715	735	100.0	100.0	5,180,649	2,864,602	100.0	100.0	2,774,268	1,131,237	100.0	100.0
Less than $5,000	12	19	16.9	29.7	6	21	0.8	2.9	28,571	48,051	0.6	1.7	18,899	31,156	0.7	2.8
$5,000 to $20,000	28	26	39.4	40.6	64	85	9.0	11.6	265,116	209,192	5.1	7.3	152,169	136,971	5.5	12.1
$20,000 to $100,000	23	14	32.4	21.9	228	184	31.9	25.0	1,036,069	613,066	20.0	21.4	652,244	293,675	23.5	26.0
$100,000 to $500,000	5	[2] 5	7.0	7.8	224	[2] 445	31.3	60.5	1,259,929	[2] 1,994,293	24.3	69.6	693,704	[2] 669,435	25.0	59.2
$500,000 and over	3	.....	4.2	.....	193	.....	27.0	.....	2,590,964	.....	50.0	.....	1,257,252	.....	45.3	.....
GAS, ILLUMINATING AND HEATING	20	48	100.0	100.0	291	354	100.0	100.0	2,445,794	1,928,116	100.0	100.0	1,311,461	1,322,425	100.0	100.0
Less than $5,000	.....	27	.....	56.2	.....	16	.....	4.5	.....	48,400	.....	2.5	.....	17,456	.....	1.3
$5,000 to $20,000	[6] 6	13	30.0	27.1	[6] 8	40	2.7	11.3	[6] 48,773	142,702	2.0	7.4	[6] 19,842	79,359	1.5	6.0
$20,000 to $100,000	[5] 14	5	70.0	10.4	[6] 283	34	97.3	9.6	[5] 2,397,021	147,837	98.0	7.7	[5] 1,291,619	96,656	98.5	7.3
$100,000 and over	.....	3	.....	6.3	.....	264	.....	74.6	.....	1,589,177	.....	82.4	.....	1,128,954	.....	85.4
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	29	37	100.0	100.0	422	413	100.0	100.0	2,181,836	1,285,507	100.0	100.0	969,692	578,377	100.0	100.0
Less than $5,000	.....	15	.....	40.5	.....	14	.....	3.4	.....	40,178	.....	3.1	.....	21,351	.....	3.7
$5,000 to $20,000	[6] 15	6	51.7	16.2	[6] 38	19	9.0	4.6	[6] 161,129	50,334	7.4	3.9	[6] 83,521	29,652	8.6	5.1
$20,000 to $100,000	9	12	31.0	32.4	102	170	24.2	41.2	445,971	415,502	20.4	32.3	219,128	194,380	22.6	33.6
$100,000 and over	5	4	17.2	10.8	282	210	66.8	50.8	1,574,736	779,493	72.2	60.6	667,043	332,994	68.8	57.6

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

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
PRINTING AND PUBLISHING, BOOK AND JOB	133	116	100.0	100.0	954	802	100.0	100.0	$4,897,424	$2,373,523	100.0	100.0	$3,031,938	$1,360,707	100.0	100.0
Less than $5,000	27	49	20.3	42.2	12	41	1.3	5.1	79,338	133,493	1.6	5.6	56,756	94,010	1.9	6.9
$5,000 to $20,000	59	46	44.4	39.7	126	187	13.2	23.3	606,206	492,005	12.4	20.7	398,532	330,982	13.1	24.3
$20,000 to $100,000	37	16	27.8	13.8	399	304	41.8	37.9	1,723,507	822,404	35.2	34.6	1,149,227	495,499	37.9	36.4
$100,000 and over	10	5	7.5	4.3	417	270	43.7	33.7	2,488,373	925,621	50.8	39.0	1,427,423	440,216	47.1	32.4
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	554	572	100.0	100.0	1,522	1,592	100.0	100.0	10,179,309	5,433,415	100.0	100.0	7,175,480	4,210,600	100.0	100.0
Less than $5,000	315	436	56.9	76.2	157	423	10.3	26.6	857,816	1,042,507	8.4	19.2	665,641	860,713	9.3	20.4
$5,000 to $20,000	199	108	35.9	18.9	409	367	26.9	23.1	1,810,707	893,398	17.8	16.4	1,437,580	723,810	20.0	17.2
$20,000 to $100,000	26	21	4.7	3.7	223	231	14.7	14.5	1,012,238	919,165	9.9	16.9	784,705	715,559	10.9	17.0
$100,000 to $500,000	10	[1] 7	1.8	1.2	251	[1] 571	16.5	35.9	2,467,142	[1] 2,578,345	24.2	47.5	1,857,526	[1] 1,910,518	25.9	45.4
$500,000 and over	4	.....	0.7	.....	482	.....	31.7	.....	4,031,406	.....	39.6	.....	2,430,028	.....	33.9	.....
SLAUGHTERING AND MEAT PACKING	16	10	100.0	100.0	10,122	5,713	100.0	100.0	303,848,903	104,503,333	100.0	100.0	32,387,059	10,330,745	100.0	100.0
Less than $100,000	.....	3	.....	30.0	.....	8	.....	0.1	.....	161,673	.....	0.2	.....	30,766	.....	0.3
$100,000 to $500,000	[2] 10	.....	62.5	.....	[2] 61	.....	0.6	.....	[2] 1,822,035	.....	0.6	.....	[2] 241,890	.....	0.7	.....
$1,000,000 and over	6	[3] 7	37.5	70.0	10,061	[3] 5,705	99.4	99.9	302,026,868	[3] 104,341,660	99.4	99.8	32,145,169	[3] 10,299,979	99.3	99.7
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS	9	4	100.0	100.0	412	259	100.0	100.0	2,253,052	828,938	100.0	100.0	983,347	365,357	100.0	100.0
Less than $100,000	5	.....	55.6	.....	37	.....	9.0	.....	205,779	.....	9.1	.....	104,991	.....	10.7	.....
$100,000 and over	4	[2] 4	44.4	100.0	375	[2] 259	91.0	100.0	2,047,273	[2] 828,938	90.9	100.0	878,356	[2] 365,357	89.3	100.0

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

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.	VALUE ADDED BY MANUFACTURE. Amount.	VALUE ADDED BY MANUFACTURE. Per cent of total.
GRAND ISLAND	47	733	100.0	$5,645,243	100.0	$2,034,093	100.0
Less than $5,000	10	10	1.4	25,453	0.5	16,788	0.8
$5,000 to $20,000	14	31	4.2	145,532	2.6	82,449	4.1
$20,000 to $100,000	18	140	19.1	827,623	14.7	387,115	19.0
$100,000 and over	5	552	75.3	4,646,635	82.3	1,547,741	76.1
HASTINGS	55	658	100.0	4,319,490	100.0	1,387,313	100.0
Less than $5,000	13	6	0.9	31,643	0.7	19,266	1.4
$5,000 to $20,000	15	32	4.9	170,049	3.9	96,239	6.9
$20,000 to $100,000	18	219	33.3	983,918	22.8	503,946	36.3
$100,000 and over	9	401	60.9	3,133,880	72.6	767,862	55.3
LINCOLN	210	2,743	100.0	23,368,050	100.0	9,460,912	100.0
Less than $5,000	32	20	0.7	73,530	0.3	59,412	0.6
$5,000 to $20,000	81	195	7.1	839,759	3.6	531,784	5.6
$20,000 to $100,000	63	638	23.3	3,222,776	13.8	1,619,809	17.1
$100,000 to $500,000	24	687	25.0	6,155,122	26.3	3,188,406	33.7
$500,000 to $1,000,000	5	371	13.5	3,839,253	16.4	1,414,162	14.9
$1,000,000 and over	5	832	30.3	9,237,610	39.5	2,647,339	28.0
NORTH PLATTE	16	378	100.0	$1,516,439	100.0	$840,166	100.0
Less than $5,000	4	1	0.3	9,180	0.6	3,509	0.4
$5,000 to $20,000	5	13	3.4	67,255	4.4	43,693	5.2
$20,000 and over	7	364	96.3	1,440,004	95.0	792,964	94.4
OMAHA	561	21,304	100.0	452,236,634	100.0	69,133,007	100.0
Less than $5,000	77	33	0.2	214,455	(1)	134,296	0.2
$5,000 to $20,000	177	340	1.6	1,933,788	0.4	1,108,911	1.6
$20,000 to $100,000	173	1,490	7.0	7,912,686	1.7	4,270,805	6.2
$100,000 to $500,000	91	3,279	15.4	21,188,384	4.7	9,788,851	14.2
$500,000 to $1,000,000	15	1,349	6.3	11,170,094	2.5	4,682,913	6.8
$1,000,000 and over	28	14,813	69.5	409,817,227	90.6	49,147,231	71.1

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

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

Industry and city.	Census year.	Number of establishments owned by—			Average number of wage earners.							Value of products.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
All industries	1919	1,638	649	597	36,521	3,256	31,499	1,766	8.9	86.2	4.8	$596,042,498	$21,497,462	$555,935,574	$18,609,462	3.6	93.3	3.1
	1914	1,478	570	444	25,144	2,919	20,970	1,255	11.6	83.4	5.0	221,615,848	11,951,590	203,388,653	6,275,605	5.4	91.8	2.8
	1909	1,511	487	502	24,336	3,298	19,495	1,543	13.6	80.1	6.3	199,018,579	13,767,422	175,621,402	9,629,755	6.9	88.2	4.8
Automobile repairing	1919	315	26	158	1,134	530	300	304	46.7	26.5	26.8	4,549,978	2,085,343	1,327,350	1,137,285	45.8	29.2	25.0
	1914	3	.....	1	8	[1] 8	.....	.....	100.0	.....	.....	14,670	[1] 14,670	.....	.....	100.0	.....	.....
Bread and other bakery products.	1919	257	12	55	1,624	439	1,061	124	27.0	65.3	7.6	13,313,167	3,680,204	8,584,430	1,048,533	27.6	64.5	7.9
	1914	264	14	55	1,140	353	685	102	31.0	60.1	8.9	5,110,961	1,620,043	3,015,390	475,528	31.7	59.0	9.3
Butter	1919	11	28	12	1,053	36	985	32	3.4	93.5	3.0	37,240,778	1,126,345	34,590,566	1,523,867	3.0	92.9	4.1
	1914	12	28	8	696	45	643	8	6.5	92.4	1.1	11,082,123	735,316	10,159,134	187,673	6.6	91.7	1.7
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	24	.....	6,178	.....	6,178	.....	.....	100.0	.....	17,909,063	.....	17,909,063	.....	.....	100.0	.....
	1914	.....	18	.....	4,111	.....	4,111	.....	.....	100.0	.....	6,736,863	.....	6,736,863	.....	.....	100.0	.....
Coffee, roasting and grinding.	1919	.....	8	1	160	.....	[1] 160	.....	.....	100.0	.....	2,637,486	.....	[1] 2,637,486	.....	.....	100.0	.....
	1914	.....	6	.....	98	.....	98	.....	.....	100.0	.....	1,261,606	.....	1,261,606	.....	.....	100.0	.....
Confectionery and ice cream.	1919	23	17	13	607	76	506	25	12.5	83.4	4.1	3,665,749	595,891	2,875,971	193,887	16.3	78.5	5.3
	1914	21	13	9	399	47	341	11	11.8	85.5	2.8	1,465,525	218,653	1,165,246	81,626	14.9	79.5	5.6
Flour-mill and gristmill products.	1919	87	71	60	1,063	130	782	151	12.2	73.6	14.2	53,521,388	3,868,197	42,615,278	7,037,913	7.2	79.6	13.1
	1914	95	55	61	682	155	390	137	22.7	57.2	20.1	15,022,126	2,459,519	10,093,307	2,469,300	16.4	67.2	16.4
Food preparations, not elsewhere specified.	1919	4	15	3	251	6	237	8	2.4	94.4	3.2	3,255,389	37,679	3,096,935	120,775	1.2	95.1	3.7
	1914	5	13	5	283	23	250	10	8.1	88.3	3.5	3,832,614	232,235	3,535,881	64,498	6.1	92.3	1.7
Foundry and machine-shop products.[2]	1919	32	30	9	715	207	476	32	29.0	66.6	4.5	5,180,649	1,249,728	3,747,571	183,350	24.1	72.3	3.5
	1914	32	20	12	735	121	570	44	16.5	77.6	6.0	2,864,602	592,642	2,153,020	118,940	20.7	75.2	4.2
Gas, illuminating and heating	1919	1	17	2	291	.....	289	[3] 2	.....	99.3	0.7	2,445,794	.....	2,436,252	[3] 9,542	.....	99.6	0.4
	1914	7	28	13	354	1	343	10	0.3	96.9	2.8	1,928,116	32,112	1,860,018	35,986	1.7	96.5	1.9
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	15	12	2	422	[1] 78	344	.....	18.5	81.5	.....	2,181,836	[1] 341,692	1,840,144	.....	15.7	84.3	.....
	1914	20	14	3	413	73	321	19	17.7	77.7	4.6	1,285,507	195,363	1,053,454	36,690	15.2	81.9	2.9
Printing and publishing, book and job.	1919	70	39	24	954	137	714	103	14.4	74.8	10.8	4,807,424	717,323	3,704,213	475,888	14.6	75.6	9.7
	1914	67	24	25	802	148	526	128	18.5	65.6	16.0	2,373,523	382,288	1,565,290	425,945	16.1	65.9	17.9
Printing and publishing, newspapers and periodicals.	1919	406	49	99	1,522	515	883	124	33.8	58.0	8.1	10,179,309	2,308,374	6,999,369	871,566	22.7	68.8	8.6
	1914	431	64	77	1,592	582	854	156	36.6	53.6	9.8	5,433,415	1,419,020	3,625,209	389,186	26.1	66.7	7.2
Slaughtering and meat packing.	1919	3	8	5	10,122	13	10,087	22	0.1	99.7	0.2	303,848,963	380,583	302,619,375	848,945	0.1	99.6	0.3
	1914	3	6	1	5,713	[1] 17	5,696	.....	0.3	99.7	.....	104,503,333	[1] 511,591	103,991,742	.....	0.5	99.5	.....
Structural ironwork, not made in steel works or rolling mills.	1919	2	7	.....	412	.....	[3] 412	.....	.....	100.0	.....	2,253,052	.....	[3] 2,253,052	.....	.....	100.0	.....
	1914	1	2	1	259	.....	[4] 259	.....	.....	100.0	.....	828,938	.....	[4] 828,938	.....	.....	100.0	.....
Total for cities	1919	359	365	165	25,816	1,328	23,673	815	5.1	91.7	3.2	487,085,856	7,926,587	473,307,249	5,852,020	1.6	97.2	1.2
	1914	312	276	120	11,619	1,046	9,980	593	9.0	85.9	5.1	80,174,569	3,559,910	74,635,866	1,978,793	4.4	93.1	2.5
GRAND ISLAND	1919	19	19	9	733	77	633	23	10.5	86.4	3.1	5,645,243	450,856	5,072,758	121,629	8.0	89.9	2.2
	1914	23	18	8	460	69	363	28	15.0	78.9	6.1	2,100,700	182,726	1,782,736	135,238	8.7	84.9	6.4
HASTINGS	1919	24	13	18	658	158	215	285	24.0	32.7	43.3	4,319,490	592,446	2,059,590	1,667,454	13.7	47.7	38.6
	1914	19	14	14	416	109	190	117	26.2	45.7	28.1	1,610,638	258,733	961,968	389,937	16.1	59.7	24.2
LINCOLN	1919	83	82	45	2,743	282	2,294	167	10.3	83.6	6.1	23,368,050	1,459,094	21,033,498	875,458	6.2	90.0	3.7
	1914	95	70	30	1,821	270	1,415	136	14.8	77.7	7.5	10,025,190	1,110,846	8,442,461	471,883	11.1	84.2	4.7
NORTH PLATTE	1919	10	5	1	378	[1] 21	357	.....	5.6	94.4	.....	1,516,439	[1] 135,550	1,380,889	.....	8.9	91.1	.....
OMAHA	1919	223	246	92	21,304	790	20,174	340	3.7	94.7	1.6	452,236,634	5,288,641	443,760,514	3,187,479	1.2	98.1	0.7
	1914	175	174	68	8,922	598	8,012	312	6.7	89.8	3.5	66,438,041	2,007,605	63,448,701	981,735	3.0	95.5	1.5

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

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

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

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

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

City and industry.	Value of products.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
LINCOLN.				
Butter	$6,188,254	16.6	$3,148,120	103.6
Printing and publishing, newspapers and periodicals	2,062,616	20.3	978,003	90.2
Printing and publishing, book and job	1,243,803	25.4	767,597	161.2
Lumber, planing-mill products, not including planing mills connected with sawmills	1,158,794	53.1	790,965	215.0
Confectionery and ice cream	1,016,989	27.7	682,938	204.4
Bread and other bakery products	670,641	5.0	353,031	111.2
Cars and general shop construction and repairs by steam-railroad companies; Engines, steam, gas, and water; Flour-mill and gristmill products; Paints; Slaughtering and meat packing	(1)	(1)	(1)	(1)
OMAHA.				
Slaughtering and meat packing	288,092,054	94.8	.....	.....
Butter	19,523,019	52.4	14,682,170	303.3
Flour-mill and gristmill products	17,424,219	32.6	(1)	(1)
Bread and other bakery products	9,137,645	68.6	5,898,667	182.1
Printing and publishing, newspapers and periodicals	4,842,793	47.6	2,687,671	124.7
Foundry and machine-shop products	4,103,725	79.5	3,224,235	366.6
Printing and publishing, book and job	3,265,516	66.7	1,651,439	102.3
Food preparations, not elsewhere specified	2,164,800	66.5	430,946	24.9

City and industry.	Value of products.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.
OMAHA—continued.				
Coffee, roasting and grinding	$2,122,867	80.5	(1)	(1)
Structural ironwork, not made in steel works or rolling mills	1,960,474	87.0	(1)	(1)
Automobile repairing	1,382,463	30.4	$1,382,463	.....
Confectionery and ice cream	1,348,191	36.8	576,056	74.6
Boxes, paper and other, not elsewhere specified	1,066,545	100.0	(1)	(1)
Patent medicines and compounds	891,199	80.2	480,301	116.9
Saddlery and harness	705,348	49.2	(1)	(1)
Ice, manufactured	660,687	69.7	(1)	(1)
Lumber, planing-mill products, not including planing mills connected with sawmills	621,114	28.5	76,823	14.1
Automobiles; Awnings, tents, and sails; Bags, other than paper; Cars and general shop construction and repairs by steam-railroad companies; Clothing, men's; Cooperage; Fur goods; Gas, illuminating and heating; Liquors, cereal beverages; Rubber goods, not elsewhere specified; Smelting and refining, lead; Soap	(1)	(1)	(1)	(1)

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

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

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

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

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

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

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

SPECIAL STATISTICS.

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

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

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

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

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

	1919	1914	1909
MATERIALS.			
Total cost	$271,461,844	$94,172,588	$78,345,576
Animals slaughtered:			
Beeves—			
Number	1,006,654	491,632	651,258
Cost	$102,233,077	$37,350,524	$32,069,207
Calves—			
Number	131,896	23,914	58,158
Cost	$3,386,478	$481,256	$637,158
Sheep and lambs—			
Number	1,575,954	1,797,072	1,127,962
Cost	$17,430,376	$9,563,543	$5,429,148
Hogs—			
Number	2,995,220	2,105,510	2,103,602
Cost	$131,744,544	$40,852,237	$32,535,715
All other materials, cost	$16,667,369	$5,925,028	$7,674,348

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

	1919	1914	1909
PRODUCTS.			
Total value	$303,848,903	$104,503,333	$92,282,750
Fresh meat:			
Beef—			
Pounds	462,931,812	272,491,272	354,358,419
Value	$79,947,351	$30,703,764	$26,914,613
Veal—			
Pounds	17,364,858	3,419,343	7,609,474
Value	$2,526,172	$432,793	$664,563
Mutton and lamb—			
Pounds	59,504,426	72,208,915	45,101,857
Value	$12,941,190	$7,803,765	$4,076,961
Pork—			
Pounds	113,202,633	97,872,530	98,834,601
Value	$27,475,271	$11,527,798	$8,624,522
Edible offal and all other fresh meat—			
Pounds	40,417,168	20,026,468	5,319,504
Value	$5,377,091	$1,166,913	$343,573
Cured meat:			
Beef, pickled and other cured—			
Pounds	2,619,715	4,045,897	6,750,949
Value	$420,521	$614,913	$629,441
Pork, pickled and other cured—			
Pounds	314,440,569	202,562,434	184,213,423
Value	$90,917,158	$26,651,723	$20,252,674
Sausage:			
Pounds	28,457,996	12,267,326	27,535,144
Value	$6,406,611	$1,739,912	$2,086,149
Lard:			
Pounds	84,363,218	66,505,695	89,851,980
Value	$26,059,520	$7,204,757	$9,163,052
Lard compounds and substitutes:			
Pounds	14,314,522	14,906,893	(1)
Value	$3,387,225	$1,245,656	(1)
Oleo oil:			
Gallons	1,037,548	2,001,199	1,280,340
Value	$2,293,067	$1,343,862	$1,089,082
Tallow and oleo stock:			
Pounds	24,916,112	9,283,443	14,289,214
Value	$4,778,321	$589,711	$1,026,088
Casings:			
Pounds	5,395,892	5,032,975	(1)
Value	$976,278	$553,568	(1)
Fertilizers and fertilizer materials:			
Tons	13,281	20,198	24,469
Value	$1,017,568	$663,468	$579,591
Hides and pelts:			
Cattle—			
Number	1,006,654	491,632	
Pounds	57,443,844	29,165,696	
Value	$17,707,783	$5,033,251	687,031
Calf—			39,975,521
Number	113,797	17,018	$5,439,014
Pounds	2,109,948	350,787	
Value	$1,109,758	$67,522	
Sheep—			
Number	1,575,954	1,796,985	1,127,937
Value	$4,815,204	$2,056,889	$1,410,685
All other products, value	$15,692,814	$5,103,068	$9,982,751

[1] Not reported separately.

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

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

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

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

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

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

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

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

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

	1919	1914	1909
Total value	$38,244,936	[1] $11,082,123	$7,681,272
Butter:			
Pounds	58,570,937	36,343,424	23,973,162
Value	$33,933,148	$10,001,032	$6,570,084
Packed solid—			
Pounds	41,522,517	20,429,859	13,652,328
Value	$23,545,435	$5,519,611	$3,654,578
Prints or rolls—			
Pounds	17,048,420	15,913,565	10,320,834
Value	$10,387,713	$4,481,421	$2,915,506
Condensed and evaporated milk:			
Pounds	7,041,504	.....	.....
Value	$524,703	.....	.....
Cream sold:			
Pounds	4,820,423	914,003	281,811
Value	$440,366	$74,687	$27,149
All other products, value	$3,346,719	$1,006,404	$1,084,039

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

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

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

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

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

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	619	650	623	3,101,936	3,063,305	2,303,151
Daily	29	34	34	371,309	329,840	262,109
Sunday	9	12	8	255,762	187,287	129,050
Semiweekly [1]	14	19	16	34,246	38,219	31,085
Weekly	515	538	521	923,830	916,257	1,074,554
Semimonthly	4	6	.....	49,500	156,504	.....
Monthly	43	37	35	1,464,849	1,354,598	684,513
All other classes [2]	5	4	9	62,500	20,600	121,840

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

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

TABLE 23.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	69	74	.....
Persons engaged	1,710	1,490	14.8
Proprietors and firm members	73	85	.....
Salaried employees	166	102	62.7
Wage earners (average number)	1,471	1,303	12.9
Primary horsepower	1,942	1,779	9.2
Capital	$1,905,483	$995,413	91.5
Salaries and wages	1,303,851	746,833	74.6
Salaries	324,634	133,644	142.9
Wages	979,217	613,189	59.7
Paid for contract work	3,300	933	253.7
Rent and taxes	86,181	43,213	99.4
Cost of materials	646,759	372,039	73.8
Amount received for work done	2,823,234	1,517,924	86.0

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

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

TABLE 24.—DYEING AND CLEANING: 1919.

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

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

TABLE 25.—CUSTOM GRISTMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909-1919.
	1919	1909	
Number of establishments	6	32	.....
Persons engaged	8	107	.....
Proprietors and firm members	6	97	−92.5
Wage earners (average number)	2	10	.....
Primary horsepower	122	614	.....
Capital	$68,462	$134,223	−80.1
Wages	2,400	5,130	−49.6
Rent and taxes	538	(2)	−53.2
Cost of materials [3]	33,368	142,731	.....
Value of products [3]	41,030	174,291	−76.5

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

GENERAL TABLES.

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

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

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

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	2,884	36,521	125,814	$46,037	$480,774	$596,042
	1914	2,492	25,144	89,285	16,893	174,114	221,616
	1909	2,500	24,336	64,466	13,948	151,081	199,019
Artificial stone products	1919	107	213	512	257	445	947
	1914	232	337	842	215	346	893
	1909	286	553	563	337	514	1,226
Automobile bodies and parts.	1919	20	327	597	361	1,037	1,723
	1914	7	34	37	24	94	155
	1909	6	18	41	15	28	57
Awnings, tents, and sails	1919	9	127	57	85	477	796
	1914	8	68	25	38	135	225
	1909	5	59	(1)	22	102	223
Bread and other bakery products.	1919	324	1,624	2,060	1,542	7,623	13,313
	1914	333	1,140	999	682	2,617	5,111
	1909	279	646	342	373	1,672	3,014
Brick, tile, pottery, and other clay products.	1919	29	402	2,631	479	240	1,065
	[2] 1914	47	502	3,772	311	179	669
	1909	79	836	4,088	469	282	1,173
Brooms	1919	16	205	204	168	493	945
	1914	14	154	143	57	219	425
	1909	15	77	79	30	270	523
Butter	1919	51	1,053	6,832	1,183	31,687	37,241
	1914	48	696	11,787	486	9,791	11,082
	1909	37	383	1,032	256	6,435	7,681
Canning and preserving, fruits and vegetables.	1919	9	147	902	$93	$519	$769
	1914	14	209	1,247	53	189	337
	1909	9	171	(1)	40	138	255
Cars and general shop construction and repairs by steam-railroad companies.	1919	24	6,178	11,407	9,832	7,217	17,909
	1914	18	4,111	7,895	3,511	2,863	6,737
	1909	13	3,685	6,616	2,271	1,724	4,642
Coffee, roasting and grinding.	1919	9	160	682	138	2,050	2,637
	1914	6	98	545	40	1,045	1,252
	1909	5	76	150	29	811	1,060
Confectionery and ice cream.	1919	53	607	1,496	425	2,251	3,666
	1914	43	399	767	175	888	1,466
Copper, tin, and sheet-iron work.	1919	49	156	221	197	560	1,028
	1914	38	165	88	121	316	579
	1909	36	165	(1)	112	264	516
Druggists' preparations	1919	11	89	93	90	334	929
	1914	11	51	4	35	158	306
	1909	4	19	(1)	8	47	105
Flour-mill and gristmill products.	1919	218	1,063	21,854	1,240	47,559	53,521
	1914	211	682	17,830	514	12,983	15,022
	1909	249	839	19,907	519	15,217	17,836
Food preparations, not elsewhere specified.	1919	22	251	2,097	226	2,234	3,255
	1914	23	283	2,653	160	2,863	3,833
	1909	18	148	876	77	727	1,022

[1] Figures not available.

[2] Includes "sand-lime brick."

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

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
Foundry and machine-shop products.[1]	1919	582	2,508	7,136	$3,227	$6,400	$13,824
	1914	80	1,156	2,170	800	2,375	4,262
	1909	73	1,020	1,399	595	1,516	2,930
Fur goods	1919	7	93	84	81	389	713
	1914	9	82	61	43	129	294
	1909	6	41	17	19	92	173
Gas, illuminating and heating.	1919	20	291	1,639	328	1,134	2,446
	1914	48	354	1,620	227	696	1,928
	1909	48	400	1,015	209	445	1,415
Ice, manufactured	1919	33	257	4,238	342	330	947
	1914	18	102	1,704	68	121	330
	1909	7	30	1,193	21	40	125
Leather goods[2]	1919	57	140	143	172	929	1,521
	1914	31	177	188	131	505	833
	1909	30	266	148	197	978	1,583
Liquors, malt, including cereal beverages.	1919	6	148	3,767	187	373	935
	1914	14	488	3,489	345	905	3,012
	1909	14	424	2,938	290	625	3,335
Lumber and timber products.[3]	1919	42	537	2,278	669	1,545	2,792
	1914	51	506	1,776	361	858	1,529
	1909	48	543	1,343	356	1,226	2,021
Marble and stone work	1919	45	161	681	232	701	1,474
	1914	53	143	382	125	460	841
	1909	38	187	315	150	331	721
Mattresses and spring beds, not elsewhere specified.	1919	7	93	181	91	396	661
	1914	6	77	142	51	215	315
	1909	6	113	95	58	217	355
Mineral and soda waters	1919	64	108	492	$104	$526	$952
	1914	63	105	185	64	175	435
	1909	59	102	164	53	153	333
Optical goods	1919	7	57	29	60	184	423
	1914	7	48	27	28	166	331
	1909	5	34	9	20	67	146
Paints	1919	5	58	234	54	682	1,308
	1914	6	67	400	45	624	958
	1909	4	112	425	68	849	1,254
Patent medicines and compounds.	1919	29	107	242	91	464	1,111
	1914	27	92	234	72	220	562
	1909	32	54	(4)	28	176	500
Printing and publishing[5]	1919	694	2,531	4,075	2,750	4,948	15,332
	1914	692	2,413	3,203	1,652	2,244	7,831
	1909	674	2,329	2,552	1,397	1,711	6,067
Slaughtering and meat packing.	1919	16	10,122	20,367	13,914	271,462	303,849
	1914	10	5,713	15,486	3,697	94,173	104,503
	1909	15	6,009	11,873	3,369	78,346	92,283
Tobacco, cigars	1919	82	428	19	273	655	1,133
	1914	120	505	8	249	449	1,033
	1909	151	537	1	270	469	1,072
All other industries	1919	237	6,280	28,564	7,176	84,930	106,987
	1914	204	4,187	9,576	2,513	35,208	44,601
	1909	249	4,430	7,284	2,290	35,609	44,773

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

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
LINCOLN. All industries.[1]	1919	210	2,743	6,290	$3,137	$13,907	$23,368
	1914	195	1,821	5,249	1,208	6,099	10,025
	1909	167	2,140	2,206	1,056	3,864	7,010
OMAHA. All industries.	1919	561	21,304	56,200	27,230	383,104	452,237
	1914	417	8,922	19,772	5,810	48,066	66,438
	1909	432	8,023	16,037	4,837	43,415	60,855
Bread and other bakery products.	1919	72	1,128	1,173	1,044	4,894	9,138
	1914	64	763	718	437	1,594	3,239
	1909	65	304	181	168	828	1,515
Butter	1919	7	525	3,053	637	17,043	19,523
	1914	5	261	775	173	4,324	4,841
	1909	4	152	320	128	3,104	3,786
Confectionery and ice cream.	1919	18	290	655	201	841	1,348
	1914	9	236	374	94	466	772
Copper, tin, and sheet-iron work.	1919	20	66	51	97	179	353
	1914	12	58	32	46	98	169
	1909	15	96	(2)	64	143	274
Food preparations, not elsewhere specified.	1919	7	178	756	150	1,370	2,165
	1914	7	134	985	74	1,296	1,734
	1909	6	63	(2)	32	222	358
Foundry and machine-shop products.[3]	1919	27	885	2,891	$1,104	$3,020	$6,064
	1914	19	527	791	361	952	1,708
	1909	23	364	610	218	635	1,133
Lumber and timber products.[4]	1919	11	236	793	256	511	961
	1914	14	230	721	190	377	657
	1909	15	258	555	183	908	1,346
Marble and stone work	1919	6	63	338	102	172	378
	1914	6	63	108	53	140	261
	1909	6	78	(2)	63	84	201
Patent medicines and compounds.	1919	10	89	166	73	357	891
	1914	13	69	127	56	158	411
	1909	11	23	(2)	12	65	177
Printing and publishing, book and job.	1919	66	664	841	763	1,392	3,266
	1914	54	544	643	350	724	1,614
	1909	48	454	(2)	276	401	1,165
Printing and publishing, newspapers and periodicals.	1919	49	444	660	601	1,687	4,843
	1914	41	366	348	350	545	2,155
	1909	38	316	(2)	269	378	1,805
All other industries	1919	259	16,736	44,823	22,202	351,638	403,207
	1914	173	5,641	14,150	3,626	37,392	48,877
	1909	201	5,915	14,371	3,424	36,647	49,095

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.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
GRAND ISLAND	1919	47	733	1,584	$1,149	$3,611	$5,645
	1914	49	460	1,618	342	1,416	2,101
	1909	43	576	780	349	908	1,674
HASTINGS	1919	55	658	1,558	$653	$2,932	$4,319
	1914	47	416	959	235	954	1,611

[1] Comparative statistics by industries for 1914 and 1909 not available.
[2] Figures not available.
[3] Includes "structural ironwork, not made in steel works or rolling mills" in all years; "bells" and "hardware" in 1914; and "gas machines and gas and water meters" and "hardware" in 1909.
[4] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	2,884	49,076	2,916	2,221	5,164	2,254	36,521	De 38,189	Mh 34,430	(3)	(3)	(3)	(3)	(3)	Dollars. 245,256,684
2	Agricultural implements	8	82	10	2	1	3	66	Se 84	Ja [4] 52	84	84	.....	.....	.....	344,364
3	Artificial stone products	107	359	112	28	3	3	213	Je 277	Ja 114	238	238	.....	.....	.....	671,877
4	Automobile bodies and parts	20	425	12	32	29	25	327	Oc 412	Mh 252	488	446	41	1	.....	2,755,430
5	Automobile repairing	499	1,897	661	32	20	50	1,134	Se 1,319	Ja 989	1,170	1,164	4	2	.....	3,506,061
6	Awnings, tents, and sails	9	172	7	19	9	10	127	Ja 222	No 86	128	65	63	.....	.....	491,786
7	Bookbinding and blank-book making	4	35	5	2	2	2	24	De 27	Ja 21	29	12	14	3	.....	67,469
8	Boxes, paper and other, not elsewhere specified.	3	261	.....	8	15	13	225	De 266	Fe [4] 182	265	161	104	.....	.....	838,807
9	Boxes, wooden packing, except cigar boxes.	6	111	3	5	3	1	99	Au 113	Fe 87	106	106	.....	.....	.....	266,413
10	Brass and bronze products	3	6	4	.....	.....	.....	2	Je [4] 3	Oc [4] 1	3	3	.....	.....	.....	3,350
11	Bread and other bakery products	324	2,369	373	36	203	133	1,624	No 1,755	Mh 1,382	1,692	1,100	563	17	12	5,487,862
12	Brick and terra-cotta products	29	487	39	34	9	3	492	Au 627	Ja 100	543	536	1	6	.....	1,576,553
13	Brooms, from broom corn	16	261	17	8	26	5	205	Ja [4] 212	Mh 198	211	142	51	14	4	734,360
14	Butter	51	1,778	16	140	371	198	1,053	Je 1,439	Mh 817	912	743	168	1	.....	11,012,672
15	Canning and preserving, fruits and vegetables.	9	182	9	21	3	2	147	Se 754	Fe [4] 12	681	334	344	3	.....	778,587
16	Carpets, rag	6	20	7	.....	.....	.....	13	No 19	Ja [4] 8	18	15	3	.....	.....	38,025
17	Carriages and wagons, including repairs	9	20	12	.....	.....	.....	8	Se 9	Ja 7	8	8	.....	.....	.....	30,875
18	Cars and general shop construction and repairs by steam-railroad companies.	24	6,662	.....	254	153	77	6,178	De 6,849	My 5,687	6,747	6,720	27	.....	.....	12,248,191
19	Chemicals	12	370	2	30	22	16	300	Ja 792	Jy 48	539	530	9	.....	.....	6,569,155
20	Cleansing preparations	4	17	1	4	3	2	7	Jy [4] 8	Fe [4] 6	8	8	.....	.....	.....	35,121
21	Clothing, men's	5	509	3	8	1	1	496	De 591	Jy 470	591	55	534	.....	2	694,645
22	Coffee, roasting and grinding	9	226	.....	15	29	22	160	Au [4] 165	Mh [4] 156	164	48	116	.....	.....	839,431
23	Condensed milk	6	87	.....	11	3	15	58	My 72	De 36	36	36	.....	.....	.....	964,710
24	Confectionery and ice cream	53	810	57	60	57	29	607	.....	.....	676	281	394	1	.....	1,856,822
25	Confectionery	21	587	19	40	39	17	472	No 565	Ap 409	547	171	375	1	.....	1,216,658
26	Ice cream	32	223	38	20	18	12	135	Jy [4] 207	Ja 81	129	110	19	.....	.....	640,164
27	Copper, tin, and sheet-iron work	49	250	49	22	16	7	156	Au 183	Ja 122	164	163	.....	1	.....	772,292
28	Druggists' preparations	11	161	2	27	32	11	89	Ap [4] 130	No [4] 47	70	32	7	29	2	1,481,522
29	Electrical machinery, apparatus, and supplies.	6	116	3	9	7	9	88	No 100	Ja 58	96	66	30	.....	.....	272,230
30	Electroplating	3	9	3	.....	.....	.....	6	Oc [4] 7	Jy 4	7	7	.....	.....	.....	7,770
31	Flavoring extracts	6	22	6	1	7	2	6	No [4] 10	Mh [4] 3	12	9	2	1	.....	79,002
32	Flour-mill and gristmill products	218	1,895	259	232	245	96	1,063	De 1,195	Je 981	1,176	1,141	35	.....	.....	19,122,295
33	Food preparations, not elsewhere specified.	22	419	12	44	91	21	251	.....	.....	338	253	85	.....	.....	2,771,389
34	Bread stuffs, macaroni, peanut butter, sirups, and other preparations for human consumption.	8	305	6	23	81	17	178	No 231	Mh 127	229	146	83	.....	.....	2,159,777
35	For animals and fowls	14	114	6	21	10	4	73	De 109	Jy 43	109	107	2	.....	.....	611,612
36	Foundry and machine-shop products	67	1,070	48	97	144	68	713	.....	.....	749	746	3	.....	.....	4,974,661
37	Boiler shops and foundries	8	234	5	14	6	7	202	Ap 245	Au 147	238	238	.....	.....	.....	631,985
38	Machine shops	54	761	38	78	132	58	455	Je 504	Ja 407	441	439	2	.....	.....	4,125,011
39	Machine shop and foundry combined.	5	75	5	5	6	3	56	Oc 74	Ja 40	70	69	1	.....	.....	217,665
40	Fur goods	7	133	8	12	5	15	93	De 109	Jy 85	109	38	71	.....	.....	435,404
41	Furniture	5	86	3	4	4	3	72	No 94	Ja 60	88	78	10	.....	.....	239,189
42	Gas, illuminating and heating	20	451	1	43	77	39	291	De 323	Fe 250	324	324	.....	.....	.....	12,476,927
43	Grease and tallow, not including lubricating greases.	3	41	.....	7	1	.....	33	Se 38	Ja [4] 30	32	32	.....	.....	.....	242,627
44	Ice, manufactured	33	335	31	25	18	4	257	Au 407	De 140	191	190	1	.....	.....	1,348,145
45	Iron and steel, welding	4	6	4	.....	.....	.....	2	De 3	Je 1	3	3	.....	.....	.....	3,128
46	Jewelry	8	57	9	2	3	6	37	Oc [4] 42	Ja 27	41	40	1	.....	.....	66,425
47	Liquors, cereal beverages	6	190	.....	20	17	5	148	Au 226	Ja 83	103	103	.....	.....	.....	2,287,600
48	Lumber and timber products	4	9	4	.....	.....	.....	5	No 12	Ja [5] 0	20	20	.....	.....	.....	5,750
49	Lumber, planing-mill products, not including planing mills connected with sawmills.	29	510	19	33	19	17	422	No 475	Mh 363	455	453	2	.....	.....	1,325,202
50	Marble and stone work	45	277	55	17	37	7	161	.....	.....	149	148	1	.....	.....	1,127,122
51	Monuments and tombstones	41	212	55	9	36	7	105	My 115	Ja 97	101	100	1	.....	.....	980,671
52	Other marble and stone work, except slate.	4	65	.....	8	1	.....	56	No 72	Mh 46	48	48	.....	.....	.....	146,451
53	Mattresses and spring beds, not elsewhere specified.	7	114	7	4	4	6	93	No [4] 113	Ja 58	113	96	17	.....	.....	373,407
54	Mineral and carbonated waters	64	223	87	15	6	7	108	Au 167	Fe 67	96	90	4	2	.....	774,158
55	Optical goods	7	126	7	15	28	19	57	Ja [4] 67	Ap 49	54	46	7	.....	1	377,228
56	Paints	5	119	.....	16	30	15	58	My 66	Ja 51	58	53	5	.....	.....	891,730
57	Patent medicines and compounds	29	252	27	25	59	34	107	.....	.....	111	85	25	.....	1	1,547,818
58	Patent and proprietary medicines	15	128	15	15	38	16	44	My 51	Ap 39	43	32	10	.....	1	1,259,475
59	Patent and proprietary compounds, not elsewhere specified.	14	124	12	10	21	18	63	Je 82	No 41	68	53	15	.....	.....	288,343
60	Paving materials	8	178	2	12	4	2	158	My 187	Ja 124	155	155	.....	.....	.....	307,938
61	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	4	90	.....	10	5	11	64	De 79	Fe 31	79	60	19	.....	.....	839,505

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
6,462,288	9,279,649	46,066,755	1,398,349	981,961	7,584,131	473,636,425	7,137,697	596,042,498	115,268,376	125,814	57,332	9,117	8,203	4,940	46,222	26,572	1
2,100	3,775	69,319	18	4,737	1,720	197,167	9,613	349,828	143,048	185	70	.....	11	.....	104	33	2
47,502	7,265	257,373	1,071	3,228	11,479	431,827	13,172	946,551	501,552	512	25	.....	243	.....	244	.....	3
94,964	64,160	361,049	1,744	19,360	26,842	1,019,454	17,590	1,723,167	686,123	597	100	.....	15	.....	482	.....	4
60,064	56,962	1,553,812	7,630	126,059	37,883	1,820,985	107,309	4,549,978	2,621,684	2,822	18	.....	1,062	.....	1,742	17	5
85,764	19,470	85,487	.....	14,700	23,569	473,926	3,040	796,215	319,249	57	.....	.....	.....	.....	57	.....	6
3,720	3,997	23,156	.....	2,640	646	16,007	1,363	61,315	43,945	17	.....	.....	.....	.....	17	.....	7
50,900	24,238	207,904	82,592	4,975	12,741	634,301	5,893	1,066,545	426,351	214	125	.....	.....	.....	89	164	8
15,278	6,133	108,027	.....	2,659	13,702	299,829	5,249	556,201	251,123	372	125	.....	.....	.....	247	.....	9
.....	.....	3,164	.....	576	27	14,417	762	27,158	11,979	7	.....	.....	.....	.....	7	.....	10
120,070	391,622	1,542,182	3,769	110,608	222,321	7,379,753	243,290	13,313,167	5,690,124	2,060	155	.....	79	.....	1,826	100	11
90,603	16,795	479,068	6,022	4,425	22,698	78,579	161,802	1,065,264	824,703	2,631	2,031	80	135	.....	385	65	12
19,714	66,666	168,224	.....	1,140	6,183	482,396	10,595	945,012	452,021	204	90	.....	9	.....	105	1	13
553,915	443,814	1,183,230	.....	19,157	341,005	31,332,785	353,723	37,240,778	5,554,270	6,832	4,188	1	99	.....	2,544	985	14
29,528	2,748	92,558	150	3,750	2,972	506,640	12,155	668,724	149,929	902	600	.....	.....	.....	302	122	15
.....	.....	8,257	.....	550	442	6,579	1,082	24,452	16,791	36	.....	.....	4	.....	32	.....	16
.....	.....	9,007	.....	360	429	8,795	1,083	34,639	24,761	68	.....	.....	38	.....	30	.....	17
567,959	236,628	9,831,822	188	.....	56,778	6,715,666	501,021	17,909,063	10,692,376	11,407	5,965	4,394	36	.....	1,012	10,640	18
90,379	51,457	399,593	.....	7,892	22,121	514,314	455,298	2,304,793	1,335,181	6,057	4,381	750	722	.....	204	1,182	19
7,460	4,780	7,072	.....	732	86	10,984	305	36,612	25,323	12	.....	.....	2	.....	10	.....	20
17,600	4,500	411,339	.....	20,036	1,748	992,246	11,037	1,966,887	963,604	220	.....	.....	.....	.....	220	.....	21
28,915	69,941	137,826	.....	4,154	30,099	2,034,434	15,553	2,637,486	587,499	682	.....	.....	.....	.....	682	.....	22
49,182	11,500	67,327	.....	10,853	16,137	593,540	50,747	1,004,158	359,871	940	921	2	.....	.....	17	.....	23
156,163	171,010	425,092	6,034	31,540	119,404	2,180,635	70,136	3,665,749	1,414,978	1,496	200	.....	60	.....	1,236	54	24
108,557	144,928	286,532	2,500	21,438	95,415	1,170,885	28,458	2,123,337	923,994	688	190	.....	.....	.....	498	54	25
47,606	26,082	138,560	3,534	10,102	23,989	1,009,750	41,678	1,542,412	490,984	808	10	.....	60	.....	738	.....	26
39,105	26,922	196,731	259	15,053	11,432	552,818	7,575	1,028,311	467,918	221	.....	.....	16	.....	205	.....	27
71,594	73,188	89,999	.....	9,552	20,515	326,705	6,926	928,975	595,344	93	10	.....	22	.....	61	.....	28
22,200	23,238	91,589	.....	4,573	16,823	210,348	2,075	419,655	207,232	77	.....	.....	.....	.....	77	.....	29
.....	.....	6,984	.....	1,560	53	2,084	1,752	18,885	15,049	32	.....	.....	.....	.....	32	.....	30
750	5,785	5,845	200	1,045	1,037	35,016	251	76,079	40,812	10	.....	.....	8	.....	2	.....	31
612,372	470,524	1,240,076	11,405	14,515	305,462	47,078,841	480,459	53,521,388	5,962,088	21,854	5,415	225	3,742	4,720	7,752	760	32
105,355	87,751	225,964	200	13,151	53,485	2,176,520	57,459	3,255,389	1,021,410	2,097	733	.....	175	.....	1,189	2	33
67,150	75,296	148,975	.....	11,339	46,642	1,379,580	25,933	2,183,351	777,838	804	315	.....	.....	.....	489	2	34
38,205	12,455	76,989	200	1,812	6,843	796,940	31,526	1,072,038	243,572	1,293	418	.....	175	.....	700	.....	35
259,697	155,761	891,524	2,469	31,893	79,488	2,339,043	61,752	5,164,424	2,763,629	499	250	.....	141	42	2,066	7	36
67,644	34,739	264,624	.....	3,900	7,458	638,102	14,642	1,194,850	542,106	2,712	.....	.....	.....	.....	712	.....	37
182,706	118,082	550,814	2,469	26,598	70,018	1,588,543	38,335	3,690,132	2,063,254	1,629	250	.....	81	42	1,256	2	38
9,347	2,940	76,086	.....	1,395	2,012	112,398	8,775	279,442	158,269	158	.....	.....	60	.....	98	5	39
28,294	20,645	80,928	6,152	9,200	9,105	386,315	2,817	712,846	323,714	84	.....	.....	.....	.....	84	.....	40
8,700	6,676	90,965	256	2,094	1,905	100,854	3,097	260,529	156,578	129	60	.....	.....	.....	69	6	41
89,679	125,124	327,894	16,055	1,460	173,700	272,438	861,895	2,445,794	1,311,461	1,639	841	305	79	1	413	.....	42
30,361	964	43,855	.....	4,447	25,097	395,866	14,460	614,726	204,400	377	101	.....	.....	.....	276	.....	43
38,465	24,135	342,153	4,100	5,846	19,900	79,548	250,570	947,286	617,168	4,238	1,467	.....	690	65	2,016	191	44
.....	.....	3,093	.....	1,035	71	5,378	208	16,225	10,639	3	.....	.....	2	.....	1	.....	45
5,784	4,831	47,364	890	2,625	685	64,875	474	149,614	84,265	11	.....	.....	.....	.....	11	.....	46
84,561	33,596	187,203	.....	6,337	52,837	272,459	100,645	935,452	562,348	3,767	3,420	.....	.....	.....	347	64	47
.....	.....	3,922	.....	22	61	3,370	.....	11,037	7,667	149	49	.....	.....	100	.....	.....	48
76,622	34,217	546,849	18,550	4,455	43,507	1,191,457	20,687	2,181,836	969,692	1,728	485	.....	48	.....	1,195	.....	49
39,780	72,301	232,283	9,049	9,925	18,615	682,904	18,029	1,474,340	773,407	681	30	.....	11	.....	640	.....	50
24,905	71,101	147,928	9,049	9,873	17,855	571,343	12,346	1,236,034	652,345	344	.....	.....	11	.....	333	.....	51
14,875	1,200	84,355	.....	52	760	111,561	5,683	238,306	121,062	337	30	.....	.....	.....	307	.....	52
16,450	11,541	90,885	200	4,820	24,546	391,372	4,371	660,621	264,878	181	.....	.....	3	.....	178	.....	53
20,219	12,974	104,070	150	11,460	52,279	508,291	17,424	952,149	426,434	492	66	.....	27	.....	399	2	54
45,568	65,892	59,792	805	21,941	9,491	181,081	3,172	422,608	238,355	29	.....	.....	.....	.....	29	.....	55
56,415	62,277	54,176	.....	8,268	50,800	677,713	4,505	1,307,556	625,338	234	.....	.....	.....	.....	234	.....	56
56,737	110,062	90,562	116,167	11,831	19,557	458,711	5,742	1,111,298	646,845	242	8	.....	25	10	199	.....	57
31,423	86,937	41,155	115,318	6,424	12,045	270,409	2,591	636,210	363,210	146	.....	.....	20	10	116	.....	58
25,314	23,125	49,407	849	5,407	7,512	188,302	3,151	475,088	283,635	96	8	.....	5	.....	83	.....	59
21,200	5,757	163,063	.....	9,715	1,101	56,718	20,555	280,602	203,329	1,837	1,282	.....	25	.....	530	.....	60
28,905	13,338	72,947	.....	1,781	113,628	2,738,045	20,560	3,008,510	249,905	486	385	.....	.....	.....	101	.....	61

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

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Printing and publishing, book and job	133	1,290	118	102	53	63	954	.....	.....	1,068	755	310	3	.....	3,977,421
2	Job printing	120	1,224	108	93	47	56	920	De 1,036	Ja 849	1,032	720	309	3	.....	3,824,270
3	Book publishing without printing	7	16	3	4	6	3	.....	.....	.....	.....	.....	.....	.....	.....	3,680
4	Linotype work and typesetting	6	50	7	5	.....	4	34	Oc 39	Mh 27	36	35	1	.....	.....	149,471
5	Printing and publishing, newspapers and periodicals.	554	2,961	544	176	420	299	1,522	.....	.....	1,611	1,185	354	70	2	6,219,318
6	Printing and publishing	26	600	22	27	213	102	296	De 322	Fe 270	319	281	32	6	.....	1,284,209
7	Printing, publishing, and job printing.	453	2,143	490	127	185	135	1,206	No 1,269	Ja 1,157	1,270	896	311	61	2	4,734,724
8	Publishing without printing	75	158	32	22	22	62	20	Mh [3] 21	Ja [3] 19	22	8	11	3	.....	200,385
9	Rubber goods, not elsewhere specified	3	173	.....	14	23	12	124	Au 168	Ja 89	119	119	.....	.....	.....	1,815,281
10	Saddlery and harness	53	226	58	15	24	2	127	Ja [3] 139	Jy 117	131	131	.....	.....	.....	1,066,106
11	Shirts	5	117	2	3	.....	1	111	De 124	Ja [3] 107	124	7	117	.....	.....	71,142
12	Slaughtering and meat packing	16	12,993	14	125	2,197	535	10,122	Ja 11,158	Oc 9,543	10,179	9,190	979	9	1	57,763,347
13	Structural ironwork, not made in steel works or rolling mills.	9	523	2	56	45	8	412	Se 514	Ap 329	485	482	3	.....	.....	1,658,915
14	Tobacco, cigars	82	554	95	6	22	3	428	Je 443	Se 405	491	178	297	15	1	777,6 27
15	Trunks and valises	4	20	4	1	1	1	13	Je 19	Ja [3] 11	11	10	1	.....	.....	31,459
16	Vinegar	4	9	1	2	.....	.....	6	Au [3] 9	Ja [3] 5	5	5	.....	.....	.....	144,087
17	Windmills	4	588	.....	30	67	36	455	Ja 476	My 441	455	452	3	.....	.....	2,175,077
18	Window and door screens	3	15	2	2	.....	.....	11	Je 16	Ja [3] 8	11	11	.....	.....	.....	42,145
19	Wirework, not elsewhere specified	7	36	5	6	4	1	20	.....	.....	23	23	.....	.....	.....	48,473
20	Barbed wire and woven-wire fencing.	4	25	3	4	3	1	14	Oc 21	Ja 9	16	16	.....	.....	.....	37,365
21	All other	3	11	2	2	1	.....	6	Jy [3] 7	Ja [3] 5	7	7	.....	.....	.....	11,108
22	All other industries *	121	5,286	75	242	487	279	4,203	.....	.....	.....	.....	.....	.....	.....	63,503,937

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

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

1	**LINCOLN**—All industries	210	3,756	162	265	350	236	2,743	De 2,952	Mh 2,573	3,016	2,346	652	17	1	12,470,199
2	Artificial stone products	4	47	1	5	1	.....	40	Ap 55	Ja 24	31	31	.....	.....	.....	135,103
3	Automobile bodies and parts	4	45	2	5	2	2	34	Mh 38	Au [3] 31	32	29	3	.....	.....	115,738
4	Automobile repairing	15	77	21	4	2	3	47	Au [3] 51	Ja 40	47	47	.....	.....	.....	59,829
5	Bread and other bakery products	13	112	14	6	18	3	71	Ja [2] 74	De 67	69	60	9	.....	.....	130,695
6	Butter	4	188	1	22	31	11	123	Jy 180	De 76	79	63	16	.....	.....	1,705,627
7	Confectionery and ice cream	5	170	2	10	14	9	135	Se 158	My 104	165	62	103	.....	.....	335,739
8	Copper, tin, and sheet-iron work	9	50	14	3	4	1	28	De 32	Fe [3] 25	32	32	.....	.....	.....	111,578
9	Foundry and machine-shop products	8	43	6	4	.....	2	31	Oc [3] 38	Mh 23	38	38	.....	.....	.....	126,217
10	Lumber, planing-mill products, not including planing mills connected with sawmills.	4	194	1	17	17	12	147	No 175	Mh 106	176	174	2	.....	.....	636,379
11	Marble and stone work, except slate	5	48	8	1	6	1	32	De 42	Ja [3] 28	33	32	1	.....	.....	233,407
12	Mineral and carbonated waters	3	19	5	1	2	1	10	Jy [3] 16	Fe 3	6	6	.....	.....	.....	41,991
13	Patent medicines and compounds	3	6	2	.....	1	1	2	(4) 2	(4) 2	2	2	.....	.....	.....	7,286
14	Printing and publishing, book and job	34	297	29	28	12	16	212	.....	.....	212	137	73	2	.....	467,933
15	Job printing	27	261	25	23	6	11	196	Ap [3] 204	Jy 184	196	122	72	2	.....	410,342
16	All other	7	36	4	5	6	5	16	Oc 18	Jy 14	16	15	1	.....	.....	57,591
17	Printing and publishing, newspapers and periodicals.	34	514	18	34	88	67	307	.....	.....	328	231	87	10	.....	1,197,519
18	Printing, publishing, and job printing.	12	483	8	29	86	60	300	Oc [3] 316	Au 286	319	229	80	10	.....	1,172,239
19	Publishing without printing	22	31	10	5	2	7	7	De 9	Ja [3] 6	9	2	7	.....	.....	25,280
20	Tobacco, cigars	3	40	6	.....	4	.....	30	No 36	My 23	35	10	24	1	.....	25,681
21	All other industries*	62	1,906	32	125	148	107	1,494	.....	.....	1,731	1,392	334	4	1	7,049,477

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

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
302,960	138,556	1,054,291	199,188	99,123	45,567	1,814,399	51,087	4,897,424	3,031,938	1,230	27	.....	4	.....	1,199	6	1
281,772	117,285	1,095,790	48,599	84,912	44,395	1,733,823	47,523	4,363,154	2,581,808	1,210	27	.....	4	.....	1,179	6	2
11,368	17,866	.....	150,589	281	565	52,993	.....	391,714	338,721	.....	.....	.....	.....	.....	.....	.....	3
9,820	3,405	48,501	.....	13,930	697	27,583	3,564	142,556	111,409	20	.....	.....	.....	.....	20	.....	4
490,379	840,011	1,626,981	488,386	149,459	113,884	2,886,268	117,561	10,179,309	7,175,480	2,797	255	.....	438	2	2,102	309	5
110,635	377,854	453,790	5,581	56,002	36,240	971,784	21,363	3,030,985	2,037,838	476	2	.....	11	.....	463	2	6
339,653	410,921	1,158,758	38,445	83,442	76,750	1,874,115	95,421	6,146,929	4,177,393	2,301	253	.....	422	2	1,624	307	7
40,991	51,236	14,433	444,360	10,015	894	40,369	777	1,001,395	960,249	20	.....	.....	5	.....	15	.....	8
45,776	37,773	170,093	.....	.....	5,516	541,596	36,222	930,370	352,552	1,375	.....	.....	.....	.....	1,375	.....	9
23,036	51,761	159,362	.....	13,792	18,270	893,564	7,165	1,434,118	533,389	134	.....	.....	6	.....	128	.....	10
5,836	1,317	70,032	.....	1,740	890	153,096	1,553	241,830	87,181	19	.....	.....	.....	.....	19	.....	11
634,019	3,878,525	13,914,188	148,081	4,725	1,546,581	269,864,945	1,596,899	303,848,903	32,387,059	20,367	11,797	1,060	10	.....	7,500	4,523	12
112,883	45,193	485,323	150	11,440	26,428	1,237,086	32,619	2,253,052	983,347	1,208	196	.....	12	.....	1,000	425	13
8,900	39,078	273,365	.....	11,892	121,584	649,019	6,356	1,133,197	477,822	19	.....	.....	.....	.....	19	.....	14
2,500	2,063	12,525	.....	2,640	326	27,747	464	86,619	58,408	9	.....	.....	.....	.....	9	.....	15
1,880	.....	4,124	.....	12	657	59,018	873	101,524	41,633	135	120	.....	15	.....	.....	120	16
53,899	126,332	459,998	1,312	.....	31,992	1,236,130	50,438	2,203,418	916,850	396	225	.....	14	.....	157	100	17
2,760	.....	10,623	.....	745	812	23,978	447	42,747	18,322	29	.....	.....	6	.....	23	.....	18
8,360	2,217	27,051	1,203	2,515	2,136	108,463	1,407	180,419	70,549	49	.....	.....	8	.....	41	.....	19
8,000	1,980	18,266	1,203	900	1,971	96,200	910	148,767	51,657	30	.....	.....	.....	.....	30	.....	20
360	237	8,785	.....	1,615	165	12,263	497	31,652	18,892	19	.....	.....	8	.....	11	.....	21
918,507	1,011,863	5,076,195	263,904	81,143	3,593,276	75,207,087	1,215,238	93,709,691	17,287,366	16,527	11,116	2,300	161	.....	2,950	6,694	22

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

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

842,611	763,585	3,137,157	233,674	145,892	348,936	13,499,752	407,386	23,368,050	9,460,912	6,290	2,368	500	95	.....	3,327	791	1
11,120	1,500	48,745	.....	.....	2,058	66,076	1,842	146,029	78,111	63	25	.....	.....	.....	38	.....	2
12,800	6,240	34,754	.....	6,330	4,796	69,925	2,381	171,620	99,314	31	.....	.....	.....	.....	31	.....	3
4,200	2,304	71,963	3,000	11,364	899	51,699	2,322	177,302	123,281	75	.....	.....	.....	.....	75	.....	4
22,970	26,609	78,594	.....	11,941	3,960	426,011	17,236	670,641	227,394	144	.....	.....	.....	.....	144	.....	5
148,387	50,432	117,249	.....	4,190	60,909	5,473,633	60,297	6,188,254	654,324	1,672	1,575	.....	.....	.....	97	275	6
34,837	64,677	98,803	.....	8,280	65,227	522,819	9,678	1,016,989	484,492	190	.....	.....	.....	.....	190	.....	7
5,010	4,044	27,543	.....	2,760	933	94,868	1,380	168,200	71,952	22	.....	.....	.....	.....	22	.....	8
6,760	946	38,188	.....	3,466	802	59,857	2,012	144,042	82,173	56	.....	.....	.....	.....	56	.....	9
31,151	26,647	233,770	.....	.....	27,395	696,722	6,202	1,158,794	455,870	516	125	.....	.....	.....	391	.....	10
1,875	18,715	37,650	.....	2,702	2,099	115,871	2,617	298,898	180,410	100	.....	.....	.....	.....	100	.....	11
1,820	2,643	9,559	.....	2,200	4,067	29,062	549	60,546	30,935	18	.....	.....	.....	.....	18	.....	12
.....	1,850	1,750	.....	840	201	9,724	108	20,347	10,515	10	.....	.....	5	.....	5	.....	13
74,063	43,451	212,326	175,239	36,160	8,325	318,962	10,828	1,243,803	914,013	263	27	.....	.....	.....	236	.....	14
60,615	23,635	193,154	28,401	23,687	7,834	263,069	9,496	804,954	531,489	256	27	.....	.....	.....	229	.....	15
13,448	19,816	19,162	146,838	12,473	991	54,993	1,332	438,849	382,524	7	.....	.....	.....	.....	7	.....	16
141,539	182,768	308,217	53,318	9,174	14,553	500,824	15,491	2,062,616	1,546,301	478	250	.....	.....	.....	228	215	17
129,967	175,003	302,490	.....	6,934	14,374	493,499	15,479	1,939,085	1,430,107	476	250	.....	.....	.....	226	215	18
11,572	7,765	5,727	53,318	2,240	179	7,325	12	123,531	116,194	2	.....	.....	.....	.....	2	.....	19
.....	5,309	18,292	.....	1,220	6,892	25,477	460	68,254	42,317	3	.....	.....	.....	.....	3	.....	20
346,079	325,450	1,799,754	2,117	45,265	145,250	5,038,222	273,983	9,771,715	4,459,510	2,649	366	500	90	.....	1,693	301	21

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

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

TABLE 27.—DETAILED STATEMENT OF ALL INDUSTRIES

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	**OMAHA**—All industries	561	28,132	413	1,037	3,965	1,413	21,304	Au 21,853	My 20,651	21,601	18,108	3,432	45	16	149,885,394
2	Automobile bodies and parts	12	194	7	15	10	7	155	Oc 234	Fe 100	249	210	38	1	.....	530,279
3	Automobile repairing	29	346	25	14	8	19	280	Se 393	Ja 236	272	270	2	.....	.....	759,016
4	Boxes, paper and other, not elsewhere specified	3	261	.....	8	15	13	225	De 266	Fe [3] 182	265	161	104	.....	.....	838,807
5	Bread and other bakery products	72	1,515	83	21	178	105	1,128	Je 1,245	Mh 930	1,145	718	415	4	8	3,734,861
6	Brick	4	89	2	4	2	1	80	Au 105	Ja 36	79	79	.....	.....	.....	339,559
7	Butter	7	1,022	.....	76	295	126	525	Je 744	Ja 395	428	355	73	.....	.....	6,768,181
8	Cleansing preparations	4	17	1	4	3	2	7	Jy [3] 8	Fe [3] 6	8	8	.....	.....	.....	35,121
9	Coffee, roasting and grinding	4	191	.....	8	26	21	136	Fe 140	Je [3] 135	135	38	97	.....	.....	650,815
10	Confectionery and ice cream	18	361	25	29	13	4	290	.....	.....	333	128	205	.....	.....	851,278
11	Confectionery	13	321	15	26	13	3	264	No 325	Je 226	300	112	197	.....	.....	716,041
12	Ice cream	5	40	10	3	.....	1	26	Jy 40	Ja [3] 16	24	16	8	.....	.....	135,237
13	Copper, tin, and sheet-iron work	20	93	21	2	2	2	66	Jy 77	Ja [3] 55	67	66	.....	1	.....	205,075
14	Druggists' preparations	4	98	.....	11	24	7	56	Mh 89	No [3] 25	43	11	1	29	2	899,332
15	Electrical machinery, apparatus, and supplies.	3	103	.....	7	6	9	81	Au 93	Ja 57	77	51	26	.....	.....	246,505
16	Flour-mill and gristmill products	9	440	8	48	89	26	269	No 296	Fe 247	295	275	20	.....	.....	5,129,253
17	Food preparations, not elsewhere specified.	7	298	1	21	80	18	178	No 239	Mh 127	220	144	76	.....	.....	2,219,905
18	Foundry and machine-shop products	22	782	11	74	135	55	507	.....	.....	523	521	2	.....	.....	4,003,014
19	Machine shops	16	561	4	60	124	48	325	Oc 363	Je 266	295	294	1	.....	.....	3,407,030
20	All other	6	221	7	14	11	7	182	De 232	Au [3] 126	228	227	1	.....	.....	595,984
21	Ice, manufactured	4	224	.....	10	13	2	199	Au 313	De 116	121	120	1	.....	.....	639,415
22	Lumber, planing-mill products, not including planing mills connected with sawmills.	7	198	3	7	1	2	185	Au [3] 199	Ap 169	184	184	.....	.....	.....	351,648
23	Marble and stone work, except slate	6	87	4	9	11	.....	63	Oc 72	De 55	54	54	.....	.....	.....	309,018
24	Mineral and carbonated waters	8	46	11	4	2	3	26	Au 38	Fe [3] 20	23	23	.....	.....	.....	102,502
25	Patent medicines and compounds	19	199	13	21	50	26	89	.....	.....	92	71	21	.....	.....	1,433,800
26	Patent and proprietary medicines	8	83	5	11	30	9	28	My 36	Fe [3] 23	27	21	6	.....	.....	1,154,109
27	Patent and proprietary compounds, not elsewhere specified.	11	116	8	10	20	17	61	Jy 79	No 40	65	50	15	.....	.....	270,691
28	Printing and publishing, book and job	66	860	48	70	38	40	664	.....	.....	771	561	209	1	.....	3,170,496
29	Job printing	60	830	42	66	38	38	646	De 745	Ja 590	751	541	209	1	.....	3,074,936
30	Book publishing, linotype work, and typesetting.	6	30	6	4	.....	2	18	Je [3] 21	Fe [3] 12	20	20	.....	.....	.....	95,560
31	Printing and publishing, newspapers and periodicals.	49	988	24	61	297	162	444	.....	.....	459	422	34	3	.....	4,795,027
32	Printing and publishing	5	506	1	23	178	81	223	No 237	Ja [3] 209	231	209	22	.....	.....	1,030,959
33	Printing, publishing, and job printing.	11	375	8	24	99	30	214	No 238	Ja [3] 201	221	209	12	.....	.....	615,663
34	Publishing without printing	33	107	15	14	20	51	7	De 8	No 6	7	4	.....	3	.....	148,405
35	Saddlery and harness	4	85	6	10	17	1	51	Mh 58	Au 44	49	49	.....	.....	.....	553,522
36	Slaughtering and meat packing	12	12,339	11	113	2,145	509	9,561	Ja 10,444	My 9,003	9,490	8,556	934	.....	.....	53,718,866
37	Structural ironwork, not made in steel works or rolling mills.	5	477	1	50	41	7	378	Se 478	Mh 296	444	441	3	.....	.....	1,447,226
38	Tobacco, cigars	11	47	13	1	.....	.....	33	Mh [3] 34	No 29	34	25	9	.....	.....	126,291
39	Trunks and valises	4	20	4	1	1	1	13	Je 19	Ja [3] 11	11	10	1	.....	.....	31,459
40	Wirework, not elsewhere specified	4	19	3	2	1	1	12	Se [3] 14	Ja [3] 9	13	13	.....	.....	.....	17,398
41	All other industries*	144	6,733	88	336	462	244	5,603	.....	.....	5,717	4,544	1,161	6	6	58,974,725

*All other industries embrace—

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

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

1	GRAND ISLAND	47	900	37	53	46	31	733	Au 855	Mh 672	847	691	156	.....	.....	2,381,559
2	HASTINGS	55	826	72	31	40	25	658	Jy 699	Fe 601	732	522	205	5	.....	3,086,320
3	NORTH PLATTE	16	424	12	19	10	5	378	No 410	My 347	408	396	6	3	3	1,097,364

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
3,538,072	6,927,100	27,229,508	850,077	504,120	4,344,454	379,299,476	3,804,151	452,236,634	69,133,007	56,200	22,926	5,860	192	.....	27,222	13,445	1
33,254	19,920	162,650	1,744	12,550	4,894	191,924	8,032	510,196	310,240	421	100	.....	.....	.....	321	.....	2
43,883	28,446	386,536	338	38,723	13,215	707,968	19,556	1,382,463	654,939	315	10	.....	.....	.....	305	.....	3
50,900	24,238	207,904	82,592	4,975	12,741	634,301	5,893	1,066,545	426,351	214	125	.....	.....	.....	89	164	4
84,902	444,715	1,044,089	2,945	38,577	194,058	4,774,480	119,872	9,137,645	4,243,293	1,173	150	.....	.....	.....	1,023	100	5
10,750	4,232	109,116	6,022	2,200	4,068	34,994	33,660	249,055	171,401	414	244	.....	.....	.....	170	.....	6
292,570	310,449	637,359	.....	9,000	213,826	16,898,346	144,343	19,523,019	2,480,330	3,053	1,269	.....	.....	.....	1,784	350	7
7,460	4,780	7,072	.....	732	86	10,984	305	36,612	25,323	12	.....	.....	2	.....	10	.....	8
20,850	61,291	117,490	.....	1,481	24,658	1,627,341	11,570	2,122,867	483,956	584	.....	.....	.....	.....	584	.....	9
69,477	53,343	200,564	2,500	15,052	39,502	815,718	25,647	1,348,191	506,826	655	130	.....	.....	.....	525	54	10
59,377	52,081	171,336	2,500	12,952	36,096	674,971	18,561	1,116,648	423,116	422	130	.....	.....	.....	292	54	11
10,100	1,262	29,228	.....	2,100	3,406	140,747	7,086	231,543	83,710	233	.....	.....	.....	.....	233	.....	12
7,000	3,200	96,711	259	7,554	1,869	177,511	1,913	362,644	183,220	51	.....	.....	.....	.....	51	.....	13
47,037	39,979	53,080	.....	6,552	10,411	159,835	3,110	557,337	404,392	41	.....	.....	.....	.....	41	.....	14
21,600	22,853	85,415	.....	2,794	16,621	196,012	1,948	390,241	192,281	73	.....	.....	.....	.....	73	.....	15
186,253	138,435	334,154	.....	2,741	60,248	15,629,105	81,883	17,424,219	1,713,231	3,860	25	.....	.....	.....	3,835	13	16
65,479	75,136	150,460	.....	11,101	46,901	1,335,712	34,219	2,164,800	794,869	756	205	.....	.....	.....	551	2	17
214,110	133,657	652,350	2,469	23,697	62,313	1,923,897	36,348	4,103,725	2,143,480	1,902	250	.....	.....	.....	1,652	5	18
148,266	99,542	409,569	2,469	19,262	55,184	1,286,829	25,966	2,923,367	1,610,572	1,238	250	.....	.....	.....	988	.....	19
65,844	34,115	242,781	.....	4,435	7,129	637,068	10,382	1,180,358	532,908	664	.....	.....	.....	.....	664	5	20
30,353	20,174	274,616	4,000	5,419	15,145	31,130	183,442	660,687	446,115	2,290	790	.....	.....	.....	1,500	60	21
30,400	5,103	196,930	2,400	2,340	11,758	312,614	7,004	621,114	301,496	633	360	.....	.....	.....	273	.....	22
22,042	12,605	101,761	7,463	1,418	2,010	164,807	7,439	378,496	206,250	338	30	.....	.....	.....	308	.....	23
5,414	5,980	33,647	.....	2,202	11,230	136,701	3,064	276,468	136,703	49	.....	.....	.....	.....	49	.....	24
51,295	85,765	73,432	116,109	9,889	17,291	352,560	4,655	891,199	533,984	166	8	.....	.....	.....	158	.....	25
25,981	64,490	25,924	115,260	5,322	9,891	173,244	1,572	432,218	257,402	80	.....	.....	.....	.....	80	.....	26
25,314	21,275	47,508	849	4,567	7,400	179,316	3,083	458,981	276,582	86	8	.....	.....	.....	78	.....	27
215,697	83,251	762,591	19,237	55,409	32,790	1,360,318	32,110	3,205,516	1,873,088	841	.....	.....	2	.....	839	.....	28
207,957	81,796	733,252	15,486	53,671	32,519	1,334,735	29,878	3,170,095	1,805,482	828	.....	.....	2	.....	826	.....	29
7,740	1,455	29,339	3,751	1,738	271	25,583	2,232	95,421	67,606	13	.....	.....	.....	.....	13	.....	30
186,952	548,611	600,952	384,015	69,814	67,393	1,662,227	25,084	4,842,793	3,155,482	660	.....	.....	.....	.....	660	.....	31
94,037	334,785	367,349	5,048	52,897	33,460	823,927	14,873	2,507,588	1,668,788	377	.....	.....	.....	.....	377	.....	32
66,510	172,355	228,399	10,789	10,288	33,606	812,207	9,857	1,517,655	695,591	273	.....	.....	.....	.....	273	.....	33
26,495	41,471	5,204	368,178	6,629	327	26,093	354	817,550	791,103	10	.....	.....	.....	.....	10	.....	34
13,885	43,419	61,799	.....	5,730	9,111	445,907	1,771	705,348	257,670	38	.....	.....	.....	.....	38	.....	35
590,601	3,759,887	13,287,624	148,081	4,725	1,276,919	256,775,603	1,519,537	288,092,054	29,796,914	18,850	10,477	1,060	.....	.....	7,313	3,790	36
101,733	41,413	451,333	150	10,705	24,664	1,028,285	31,141	1,990,474	901,048	989	196	.....	.....	.....	793	423	37
2,000	.....	20,732	.....	2,208	11,017	43,871	512	105,537	61,154	1	.....	.....	.....	.....	1	.....	38
2,500	2,063	12,525	.....	2,640	326	27,747	464	86,619	58,408	9	.....	.....	.....	.....	9	.....	39
360	1,017	16,031	1,203	2,392	187	18,483	742	54,999	35,774	20	.....	.....	8	.....	12	.....	40
1,129,315	953,138	7,089,985	68,530	151,500	2,159,202	71,821,095	1,458,887	89,914,771	16,634,789	17,792	8,557	4,809	180	.....	4,255	8,484	41

Grease and tallow, not including lubricating greases ... 1
Hair work ... 1
Hand stamps ... 2
Hat and caps, other than felt, straw, and wool ... 1
Hats, fur-felt ... 2
House-furnishing goods, comforts and quilts ... 1
Iron and steel, doors and shutters ... 1
Iron and steel, welding ... 1
Jewelry ... 6
Lead, bar, pipe, and sheet ... 1
Liquors, cereal beverages ... 4
Lithographing ... 1
Looking-glass and picture frames ... 2
Mattresses and spring beds, not elsewhere specified ... 3
Millinery, trimmed hats and hat frames ... 1
Mirrors, framed and unframed, not elsewhere specified ... 1
Models and patterns, not including paper patterns ... 2
Mucilage and paste ... 1
Oil, composite ... 1
Optical goods ... 5
Perfumery and cosmetics ... 3
Photo-engraving ... 3
Pickles and sauces ... 2
Pipes, tobacco ... 1
Pottery ... 1
Printing materials ... 1
Rubber goods, not elsewhere specified ... 2
Sausage, not made in slaughtering and meat-packing establishments ... 3
Shirts ... 2
Signs, other than electric ... 1
Smelting and refining, lead ... 1
Soap ... 3
Statuary and art goods ... 1
Steam packing ... 2
Stoves, fireless cookers ... 1
Surgical appliances ... 1
Suspenders, garters, and elastic woven goods ... 1
Tinware, not elsewhere specified ... 1
Toys and games ... 2
Washing machines and clothes wringers ... 1
Window and door screens ... 1

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

143,247	98,503	1,149,424	17,737	10,745	73,999	3,499,142	112,008	5,645,243	2,034,093	1,584	515	.....	2	.....	1,067	70	1
88,800	98,036	653,171	1,673	25,539	68,541	2,833,571	98,606	4,319,490	1,387,313	1,558	610	5	19	.....	894	10	2
50,829	17,417	695,217	.....	2,834	9,837	629,448	46,825	1,516,439	840,166	1,256	500	.....	.....	.....	756	69	3

[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

NEVADA

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

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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 is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

NEVADA.

GENERAL STATISTICS.

General character of the state.—Nevada has a gross area of 110,690 square miles, of which 109,821 represent land surface. Its population in 1900 was 42,335; in 1910, 81,875; and in 1920, 77,407. The state ranked forty-eighth in population among the states in 1900, 1910, and 1920. There is only one city, Reno, having more than 10,000 inhabitants. This city's population in 1920 was 12,016, and formed 15.5 per cent of the total population of Nevada.

Importance and growth of manufactures.—Nevada is unimportant as a manufacturing state, mining being the leading industry. Table 1 summarizes the more important data relative to all classes of manufactures combined in the state for the last five censuses and gives percentages of increase from census to census.

This table shows increases during each of the five-year periods, except that decreases for several of the items are shown for the period 1914–1919. The large increases for the period 1904–1909 were due to the exceptional growth in copper smelting, which was then and is now the most important manufacturing industry in the state. In connection with the increases shown for the period 1914–1919 consideration should be given to the exceptional increases in wages, cost of materials, and value of products since 1914, which reflect the industrial conditions brought about by the World War, and the lessened purchasing power of the dollar.

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of the county totals of 1919 with those of prior censuses. Data for White Pine, the leading manufacturing county, can not be shown without disclosing operations of individual establishments.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is often misleading as to their true importance from a manufacturing standpoint. Butter, for instance, which ranked fourth in value of products, ranked eighth in average number of wage earners and ninth in value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 20.

Average number of wage earners for selected industries (Table 5).—There were so few industries in the state for which the figures could be shown without disclosing individual operations that it was necessary to include in the table several that were small as regards the average number of wage earners.

Average number of wage earners, by sex and age, and value of products for Reno (Table 6).—Notwithstanding an increase in the number of females employed in 1919 as compared with 1914, this table shows a decrease in the total number of wage earners. The increase in the value of products should be accepted with due consideration to the abnormal value of products at the census of 1919.

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

Wage earners, by months, for selected industries (Table 8).—In addition to the number employed by months, similar data are given for males and females for all industries combined, and for Reno, the only city in the state having 10,000 or more inhabitants in 1920.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day. In that year only 12.3 per cent of the wage earners were included in the group "48 and under," as compared with 65.1 per cent in 1919. On the other hand, the groups over 54 constituted 56.7 per cent of the total wage earners in 1914, as compared with 31 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries (Table 10).—The extent to which the small establishments predominated in the state is shown in this table. Only 6 of the 166 establishments employed more than 100 wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted a single group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914, and these returns showed that Nevada had no establishment in the group "$500,000 to $1,000,000." The table gives combined figures for these two groups for 1909.

Size of establishments, by value of products, for Reno (Table 12).—The five establishments in Reno having products of more than $100,000 each are shown in one group, "$100,000 and over," to avoid the possibility of disclosing individual operations.

Character of ownership (Table 13).—The noticeable feature of this table is the decrease in value of products for establishments under individual ownership and the increase for those under corporate ownership.

Number and horsepower of types of prime movers (Table 14.)—From 1914 to 1919 there was an increase of 1,126 horsepower, of which 17.8 per cent was owned and 82.2 per cent rented.

Fuel consumed (Table 15).—This table shows the quantities of the principal kinds of fuel used by the establishments in the state in 1919 and 1914, and gives for 1919 the amounts consumed by a number of industries which use considerable quantities of fuel.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments	166	180	177	115	99	−7.8	1.7	53.9	.....
Persons engaged	3,563	4,113	2,650	1,016	(2)	−13.4	55.2	160.8	.....
Proprietors and firm members	136	179	137	108	(2)	−24.0	30.7	26.9	.....
Salaried employees	308	279	256	106	37	10.4	9.0	141.5	.....
Wage earners (average number)	3,119	3,655	2,257	802	504	−14.7	61.9	181.4	59.1
Primary horsepower	19,874	18,748	7,765	2,834	1,561	6.0	141.4	174.0	81.6
Capital	$16,834,561	$13,590,803	$9,806,597	$2,891,997	$1,251,208	23.9	38.6	239.1	131.1
Salaries and wages	4,905,687	4,048,857	2,359,803	819,563	387,206	21.2	71.6	187.9	111.7
Salaries	587,665	470,921	378,041	126,156	34,600	24.8	24.6	199.7	264.6
Wages	4,318,022	3,577,936	1,981,762	693,407	352,606	20.7	80.5	185.8	96.7
Paid for contract work	14,697	24,324	7,490	1,510	(2)	−39.6	224.8	396.0	.....
Rent and taxes	269,477	192,648	111,363	[3] 44,768	(2)	39.9	73.0	.....	.....
Cost of materials	16,490,617	9,316,815	8,365,939	1,627,776	662,284	77.0	11.4	413.9	145.8
Value of products	22,874,311	16,083,304	11,886,828	3,096,274	1,261,005	42.2	35.3	283.9	145.5
Value added by manufacture [4]	6,383,694	6,766,489	3,520,889	1,468,498	598,721	−5.7	92.2	139.8	145.3

[1] A minus sign (−) denotes decrease; percentages omitted where base is less than 100.
[2] Figures not available.
[3] Exclusive of internal revenue.
[4] Value of products less cost of materials.

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	166	3,119	$4,318,022	$269,477	$16,490,617	$22,874,311	$6,383,694	19,874
Churchill	10	22	27,241	3,887	106,184	171,527	65,343	56
Clark	11	522	779,689	21,361	525,712	1,414,807	889,095	2,069
Douglas	6	11	14,139	2,406	363,362	405,049	41,687	115
Elko	14	178	173,232	5,208	322,305	570,471	248,166	297
Esmeralda	7	24	44,932	3,064	105,842	189,930	84,088	348
Humboldt	5	15	20,440	1,321	14,283	52,991	38,708	15
Lander	3	5	6,136	38	3,193	11,476	8,283	18
Lyon	6	109	175,067	17,569	605,976	1,063,509	457,533	1,286
Mineral	3	47	50,488	142	49,859	112,573	62,714	29
Nye	12	60	108,111	6,150	161,239	331,738	170,499	140
Ormsby	8	55	65,477	12,655	86,577	223,832	137,255	240
Pershing	5	68	69,652	3,768	159,726	302,588	142,862	367
Washoe	61	1,248	1,549,342	78,216	4,996,406	7,314,741	2,318,335	3,754
All other counties [1]	15	755	1,234,076	113,692	8,989,953	10,709,079	1,719,126	11,140

[1] All other counties include Eureka, Lincoln, Storey, and White Pine.

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		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	166	3,119	100.0	$22,874	100.0	$6,384	100.0
Cars and general shop construction and repairs by steam-railroad companies	13	1,750	56.1	3,992	17.5	2,517	39.4
Slaughtering and meat packing	4	118	3.8	2,939	12.8	215	3.4
Flour-mill and gristmill products	10	25	0.8	1,116	4.9	125	2.0
Butter	5	17	0.5	662	2.9	62	1.0
Printing and publishing, newspapers and periodicals	34	103	3.3	468	2.0	375	5.9
Bread and other bakery products	17	38	1.2	274	1.2	115	1.8
Automobile repairing	17	45	1.4	221	1.0	146	2.3
Confectionery and ice cream	4	10	0.3	154	0.7	64	1.0
Printing and publishing, book and job	5	27	0.9	143	0.6	100	1.6
All other industries [1]	57	986	31.6	12,905	56.4	2,665	41.7

[1] Among the industries for which statistics can not be shown separately without the possibility of disclosing individual operations are a number having products of greater value than some of the industries for which figures are shown in the table. Of these industries the most important are the following: Lumber and timber products; smelting, copper; and wall plaster and composition flooring.

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

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL. Male.	PER CENT OF TOTAL. Female.
All classes	1919	3,563	3,442	121	96.6	3.4
	1914	4,113	4,041	72	98.2	1.8
	1909	2,650	2,586	64	97.6	2.4
Proprietors and officials	1919	284	280	4	98.6	1.4
	1914	281	269	12	95.7	4.3
	1909	233	225	8	96.6	3.4
Proprietors and firm members	1919	136	132	4	97.1	2.9
	1914	179	169	10	94.4	5.6
	1909	137	131	6	95.6	4.4
Salaried officers of corporations	1919	33	33	.....	100.0	.....
	1914	24	22	2	91.7	8.3
	1909	32	30	2	93.8	6.2
Superintendents and managers	1919	115	115	.....	100.0	.....
	1914	78	78	.....	100.0	.....
	1909	64	64	.....	100.0	.....
Clerks and other subordinate salaried employees.	1919	160	105	55	65.6	34.4
	1914	177	149	28	84.2	15.8
	1909	160	130	30	81.2	18.8
Wage earners (average number)	1919	3,119	3,057	62	98.0	2.0
	1914	3,655	3,623	32	99.1	0.9
	1909	2,257	2,231	26	98.8	1.2
16 years of age and over	1919	3,093	3,031	62	98.0	2.0
	1914	3,634	3,602	32	99.1	0.9
	1909	2,248	2,222	26	98.8	1.2
Under 16 years of age	1919	26	26	.....	100.0	.....
	1914	21	21	.....	100.0	.....
	1909	9	9	.....	100.0	.....

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	PER CENT OF TOTAL. 16 years of age and over. Female.	PER CENT OF TOTAL. Under 16 years of age.
All industries	1919	3,119	97.2	2.0	0.8
	1914	3,655	98.5	0.9	0.6
	1909	2,257	98.4	1.2	0.4
Automobile repairing [1]	1919	45	100.0	.....	.....
Bread and other bakery products	1919	38	57.9	39.5	2.6
	1914	65	83.1	15.4	1.5
Butter	1919	17	88.2	11.8	.....
	1914	21	100.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	1,750	98.9	0.8	0.3
	1914	1,468	100.0	.....	.....
Flour-mill and gristmill products	1919	25	96.0	4.0	.....
	1914	28	85.7	14.3	.....
Printing and publishing, book and job	1919	27	85.2	14.8	.....
	1914	25	84.0	12.0	4.0
Printing and publishing, newspapers and periodicals.	1919	103	77.7	5.8	16.5
	1914	136	84.6	5.9	9.6
Slaughtering and meat packing	1919	118	96.6	3.4	.....
	1914	91	100.0	.....	.....
All other industries	1919	996	98.1	1.6	0.3
	1914	1,821	99.3	0.4	0.3

[1] Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS, FOR RENO: 1919, 1914, AND 1909.

	1919	1914	1909
Wage earners (average number)	324	336	310
16 years of age and over	312	322	310
Male	284	307	297
Female	28	15	13
Under 16 years of age	12	14	.....
Value of products	$4,863,244	$2,570,523	$1,862,285

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

MONTH.	NUMBER.[1] 1919	NUMBER.[1] 1914	NUMBER.[1] 1909	PER CENT OF MAXIMUM. 1919	PER CENT OF MAXIMUM. 1914	PER CENT OF MAXIMUM. 1909
January	**3,485**	3,919	*2,107*	100.0	94.9	87.9
February	3,207	3,958	2,116	92.0	95.9	88.2
March	2,978	3,969	2,140	85.5	96.1	89.2
April	2,944	3,894	2,190	84.5	94.3	91.3
May	2,996	4,025	2,244	86.0	97.5	93.6
June	2,903	4,042	2,266	83.3	97.9	94.5
July	3,142	**4,128**	2,349	90.2	100.0	98.0
August	*2,835*	3,599	**2,398**	81.3	87.2	100.0
September	3,191	3,237	2,341	91.6	78.4	97.6
October	3,249	3,282	2,390	93.2	79.5	99.7
November	3,235	2,954	2,302	92.8	71.6	96.0
December	3,263	*2,858*	2,247	93.6	69.1	93.7

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

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries	3,119	**3,485**	3,207	2,978	2,944	2,996	2,903	3,142	*2,835*	3,191	3,249	3,235	3,263	81.3
Males	3,057	3,428	3,150	2,921	2,889	2,934	2,838	3,079	*2,771*	3,123	3,182	3,169	3,200	80.8
Females	62	57	57	57	*55*	62	65	63	64	**68**	67	66	63	80.9
Automobile repairing	45	*35*	40	41	42	48	49	48	45	**50**	48	48	46	70.0
Bread and other bakery products	38	33	*31*	*31*	32	36	37	38	38	**47**	45	44	44	66.0
Butter	17	*15*	16	16	16	17	**21**	19	19	17	16	16	16	71.4
Cars and general shop construction and repairs by steam-railroad companies	1,750	1,774	1,780	1,757	1,719	1,738	*1,609*	1,782	**1,791**	1,747	1,763	1,754	1,786	89.8
Flour-mill and gristmill products	25	28	26	25	21	21	*17*	21	25	28	31	28	29	54.8
Printing and publishing, book and job	27	26	*25*	27	27	27	27	27	27	29	30	*25*	27	83.3
Printing and publishing, newspapers and periodicals	103	*101*	*101*	102	102	105	105	106	102	*101*	103	*101*	**107**	94.4
Slaughtering and meat packing	118	**130**	125	127	113	110	114	120	116	118	**130**	107	*106*	81.5
All other industries	996	**1,343**	1,063	852	872	894	924	981	*672*	1,054	1,083	1,112	1,102	50.0
RENO	324	325	315	324	*300*	316	314	328	325	336	**350**	323	332	85.7
Males	296	303	294	300	*278*	290	285	298	294	301	**316**	291	302	88.0
Females	28	22	*21*	24	22	26	29	30	31	**35**	34	32	30	60.0

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	3,119	7	.....	2,022	8	114	818	127	23
	1914	3,655	(2)	(2)	448	114	1,021	1,412	235	425
	1909	2,257	(2)	(2)	365	38	690	694	196	274
Automobile repairing [3]	1919	45	.....	.....	30	.....	7	7	.....	1
Bread and other bakery products	1919	38	.....	.....	19	.....	.....	19	.....	.....
	1914	65	(2)	(2)	8	10	36	2	4	5
Butter	1919	17	.....	.....	.....	8	6	2	.....	1
	1914	21	(2)	(2)	6	.....	2	4	8	1
Cars and general shop construction and repairs by steam-railroad companies.	1919	1,750	.....	.....	1,162	.....	52	534	.....	2
	1914	1,468	(2)	(2)	135	1	924	.....	.....	408
Flour-mill and gristmill products	1919	25	.....	.....	2	.....	8	.....	15	.....
	1914	28	(2)	(2)	4	.....	15	.....	6	3
Printing and publishing, book and job	1919	27	.....	.....	27	.....	.....	.....	.....	.....
	1914	25	(2)	(2)	25	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	1919	103	5	.....	86	.....	.....	12	.....	.....
	1914	136	(2)	(2)	136	.....	.....	.....	.....	.....
Slaughtering and meat packing	1919	118	.....	.....	.....	.....	22	96	.....	.....
	1914	91	(2)	(2)	19	.....	.....	.....	72	.....
All other industries	1919	996	2	.....	696	.....	19	148	112	19
	1914	1,821	(2)	(2)	115	103	44	1,405	145	8
RENO	1919	324	.....	.....	150	.....	25	139	9	1
	1914	336	(2)	(2)	132	23	109	2	70	.....

[1] Includes 48 and under for 1914 and 1909. [2] Corresponding figures not available. [3] Not shown separately in 1914.

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—															
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	166	3,119	21	104	220	25	243	6	215	4	319	3	373	1	425	2	1,324
Automobile repairing	17	45	.....	15	33	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other bakery products	17	38	3	12	22	2	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butter	5	17	.....	4	10	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	13	1,750	.....	3	9	2	27	3	126	1	97	2	262	1	425	1	804
Flour-mill and gristmill products	10	25	.....	9	17	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing, book and job	5	27	1	2	7	2	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals	34	103	5	26	60	2	18	1	25	.....	.....	.....	.....	.....	.....	.....	.....
Slaughtering and meat packing	4	118	.....	1	2	2	20	.....	.....	1	96	.....	.....	.....	.....	.....	.....
All other industries	61	996	12	32	60	11	115	2	64	2	126	1	111	.....	.....	1	520
RENO	53	324	7	33	80	10	91	2	57	1	96	.....	.....	.....	.....	.....	.....

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

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	166	180	177	3,119	3,655	2,257	$22,874,311	$16,083,304	$11,886,828	$6,383,694	$6,766,489	$3,520,889
Less than $5,000	37	60	60	19	44	49	104,808	161,899	172,825	67,708	100,602	122,639
$5,000 to $20,000	68	73	66	148	168	168	706,392	682,338	608,654	432,859	397,845	359,561
$20,000 to $100,000	40	31	40	385	321	605	2,142,711	1,390,055	1,968,738	1,068,762	667,368	961,529
$100,000 to $500,000	14	12	10	533	857	[1] 1,435	3,096,640	2,819,649	[1] 9,136,611	1,017,822	1,377,907	[1] 2,077,160
$500,000 to $1,000,000	3	.....		190	.....		1,877,188	.....		696,866	.....	
$1,000,000 and over	4	4	1	1,844	2,265	.....	14,946,572	11,029,363	.....	3,099,677	4,222,767	.....
	PER CENT DISTRIBUTION.											
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	22.3	33.3	33.9	0.6	1.2	2.2	0.5	1.0	1.5	1.1	1.5	3.5
$5,000 to $20,000	41.0	40.6	37.3	4.7	4.6	7.4	3.1	4.2	5.1	6.8	5.9	10.2
$20,000 to $100,000	24.1	17.2	22.6	12.3	8.8	26.8	9.4	8.6	16.6	16.7	9.9	27.3
$100,000 to $500,000	8.4	6.7	5.6	17.1	23.4	63.6	13.5	17.5	76.9	15.9	20.4	59.0
$500,000 to $1,000,000	1.8	.....		6.1	.....		8.2	.....		10.9	.....	
$1,000,000 and over	2.4	2.2	0.6	59.1	62.0	.....	65.3	68.6	.....	48.6	62.4	.....

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

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR RENO: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
RENO	53	324	100.0	$4,863,244	100.0	$889,766	100.0
Less than $5,000	12	4	1.2	29,212	0.6	19,088	2.1
$5,000 to $20,000	20	44	13.6	203,682	4.2	118,153	13.3
$20,000 to $100,000	16	125	38.6	908,257	18.7	488,881	54.9
$100,000 and over	5	151	46.6	3,722,093	76.5	263,644	29.6

TABLE 13.—CHARACTER OF OWNERSHIP, FOR COMBINED INDUSTRIES AND RENO: 1919 AND 1914.

CLASS.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.	
		Average number.	Per cent of total.	Amount.	Per cent of total.
All classes:					
1919	166	3,119	100.0	$22,874,311	100.0
1914	180	3,655	100.0	16,083,304	100.0
1909	177	2,257	100.0	11,886,828	100.0
Individuals:					
1919	67	108	3.5	741,507	3.2
1914	83	166	4.5	788,670	4.9
1909	83	174	7.7	892,482	7.5
Corporations:					
1919	67	2,929	93.9	21,615,875	94.5
1914	70	3,435	94.0	14,948,653	92.9
1909	66	2,037	90.3	10,587,284	89.1
All others:					
1919	32	82	2.6	516,929	2.3
1914	27	54	1.5	345,981	2.2
1909	28	46	2.0	407,062	3.4
RENO:					
1919	53	324	100.0	$4,863,244	100.0
1914	41	336	100.0	2,570,523	100.0
Individuals:					
1919	21	42	13.0	342,156	7.0
1914	14	67	19.9	299,827	11.7
Corporations:					
1919	20	255	78.7	4,331,147	89.1
1914	21	254	75.6	2,224,888	86.6
All others:					
1919	12	27	8.3	189,941	3.9
1914	6	15	4.5	45,808	1.8

TABLE 14.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	521	382	262	19,874	18,748	7,765	100.0	100.0	100.0
Owned	89	112	84	14,681	14,481	5,133	73.9	77.2	66.1
Steam	61	75	49	14,142	13,433	4,533	71.2	71.7	58.4
Engines	59	(1)	(1)	9,692	(1)	(1)	48.8	.....	.....
Turbines	2	(1)	(1)	4,450	(1)	(1)	22.4	.....	.....
Internal-combustion engines	24	28	35	344	139	201	1.7	0.7	2.6
Water	4	9	9	195	909	399	1.0	4.8	5.1
Water wheels and turbines	3	8	8	190	904	397	1.0	4.8	5.1
Water motors	1	1	1	5	5	2	(2)	(2)	(2)
Rented	432	270	178	5,193	4,267	2,632	26.1	22.8	33.9
Electric	432	270	178	5,193	4,263	2,307	26.1	22.7	29.7
Other	.....	.....	.....	.....	4	325	.....	(2)	4.2
Electric	688	731	344	11,040	17,574	6,441	100.0	100.0	100.0
Rented	432	270	178	5,193	4,263	2,307	47.0	24.3	35.8
Generated by establishments reporting	256	461	166	5,847	13,311	4,134	53.0	75.7	64.2

[1] Not reported separately.

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

TABLE 15.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND RENO: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas, manufactured (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	15	117,427	26,104	245,289	309	5,859
1914	63	44,846	18,393	555,246	(1)	831
Per cent of increase [2]	.....	161.8	41.9	—55.8	(1)	605.1
Cars and general shop construction and repairs by steam-railroad companies	.....	4,454	.....	88,091	31	.....
Gas, illuminating and heating	.....	.....	.....	11,372	.....	.....
Ice, manufactured	.....	399	.....	9,916	9	.....
Lumber and timber products	.....	.....	.....	14,160	.....	.....
Slaughtering and meat packing	.....	118	.....	10,383	.....	.....
Smelting and refining, copper	.....	111,299	25,750	91,773	.....	.....
Wall plaster and composition flooring	.....	.....	.....	12,937	10	.....
All other industries	15	1,166	354	6,657	259	5,859
RENO	5	430	250	22,603	3	5,840

[1] Included in figures for fuel oils.

[2] A minus sign (—) denotes decrease; percentage omitted where base is less than 100.

SPECIAL STATISTICS.

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

Flour-mill and gristmill products (Table 16).—Wheat flour is still the leading product, representing 79 per cent of the total value of all products for the industry in 1919, as compared with 52.4 per cent in 1914. As illustrating the abnormal increase in the value of wheat flour in 1919 over 1914, this table shows a gain of 117.9 per cent in quantity against 335.1 per cent in value of the product.

TABLE 16.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value	$1,116,199	$386,566	$597,929
Wheat flour:			
Barrels	87,862	40,329	61,938
Value	$881,659	$202,624	$360,540
Bran and middlings:			
Tons	3,148	1,564	8,206
Value	$111,797	$38,952	$237,389
Feed and offal:			
Tons	2,160	3,686	
Value	$122,743	$103,326	
All other products, value		$41,664	

Printing and publishing (Table 17).—This table gives the number of publications and aggregate circulation per issue for all newspapers and periodicals published in Nevada during 1919, 1914, and 1909.

TABLE 17.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	37	43	59	39,498	38,258	45,544
Daily [1]	10	13	17	22,100	21,260	21,381
Weekly [2]	27	30	42	17,398	16,998	24,163

[1] Includes three Sunday newspapers in 1919, and two in 1914 and 1909.
[2] Includes six triweekly publications in 1919, three in 1914, and two in 1909.

Laundries (Table 18).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 18, however, summarizes the statistics for such laundries in Nevada for 1919 and 1914.

TABLE 18.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Percent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	13	12	
Persons engaged	169	150	12.7
Proprietors and firm members	12	13	
Salaried employees	9	13	
Wage earners (average number)	148	124	19.4
Primary horsepower	223	247	−9.7
Capital	$218,360	$191,392	14.1
Salaries and wages	158,165	105,464	50.0
Salaries	15,880	17,410	−8.8
Wages	142,285	88,054	61.6
Rent and taxes	6,935	3,705	87.2
Cost of materials	85,588	40,374	112.0
Amount received for work done	340,036	216,193	57.3

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

GENERAL TABLES.

Table 19 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for Reno, similar data for all industries combined, for 1919, 1914, and 1909. Certain kindred industries are combined in some instances for comparison with 1909.

Table 20 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and the combined totals for Reno.

TABLE 19.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND RENO: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	166	3,119	19,874	$4,318	$16,491	$22,874
	1914	180	3,655	18,748	3,578	9,317	16,083
	1909	177	2,257	7,765	1,982	8,366	11,887
Bread and other bakery products.	1919	17	38	70	48	159	274
	1914	31	65	38	67	170	316
	1909	29	47	6	54	214	356
Butter	1919	5	17	158	22	600	662
	1914	11	21	173	21	373	447
	1909	9	16	94	15	289	326
Cars and general shop construction and repairs by steam-railroad companies.	1919	13	1,750	3,816	2,310	1,475	3,992
	1914	9	1,468	2,737	1,230	932	2,261
	1909	9	818	1,611	610	337	1,033
Confectionery and ice cream	1919	4	10	38	12	89	154
	1914	4	7	15	5	30	51
Flour-mill and gristmill products.	1919	10	25	482	27	991	1,116
	1914	7	28	465	22	277	387
	1909	8	24	395	24	496	598
Mineral and soda waters	1919	11	10	53	$14	$35	$70
	1914	12	12	48	11	21	53
	1909	9	7	(1)	8	11	46
Printing and publishing	1919	39	130	264	186	136	611
	1914	42	161	224	163	98	473
	1909	54	180	214	193	113	519
Slaughtering and meat packing [2]	1919	4	118	702	123	2,723	2,939
	1914	4	91	407	98	1,604	1,853
All other industries	1919	63	1,021	14,291	1,576	10,283	13,056
	1914	60	1,802	14,641	1,961	5,812	10,242
	1909	59	1,165	5,445	1,078	6,906	9,009
CITY.							
RENO	1919	53	324	1,329	396	3,973	4,863
	1914	41	336	1,556	324	1,808	2,571
	1909	40	310	1,746	308	1,171	1,862

[1] Figures not available.

[2] Figures for 1909 can not be shown without disclosing individual operations.

TABLE 20.—DETAILED STATEMENT OF ALL INDUSTRIES

	INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.															
1	All industries	166	3,563	136	148	105	55	3,119	Ja 3,485	Au 2,835	(3)	(3)	(3)	(3)	(3)	Dollars. 16,834,561
2	Automobile repairing	17	74	18	4	3	4	45	Se 50	Ja 35	47	47	.....	.....	.....	88,734
3	Bread and other bakery products	17	68	25	5	.....	.....	38	Se 47	Fe [4] 31	44	24	19	1	.....	76,207
4	Butter	5	25	2	2	4	.....	17	Je 21	Ja 15	15	13	2	.....	.....	186,742
5	Cars and general shop construction and repairs by steam-railroad companies.	13	1,839	.....	51	25	13	1,750	Au 1,791	Je 1,609	1,771	1,752	14	5	.....	1,650,677
6	Confectionery and ice cream	4	17	6	.....	.....	1	10	No 12	Fe [4] 9	11	3	8	.....	.....	40,191
7	Copper, tin, and sheet-iron work	4	13	3	.....	.....	1	9	Jy 14	Ja 5	8	7	.....	1	.....	22,498
8	Flour-mill and gristmill products	10	49	4	13	4	3	25	Oc 31	Je 17	29	28	1	.....	.....	766,235
9	Marble and stone work: Monuments and tombstones.	4	5	4	.....	.....	.....	1	Mh [4] 3	No 1	3	3	.....	.....	.....	12,000
10	Mineral and soda waters	11	23	10	1	2	.....	10	Mh [4] 13	Oc [4] 7	12	12	.....	.....	.....	47,374
11	Printing and publishing, book and job.	5	36	4	5	.....	.....	27	Oc 30	Fe [4] 25	28	24	4	.....	.....	69,481
12	Printing and publishing, newspapers and periodicals.	34	158	29	15	4	7	103	.....	.....	106	84	5	17	.....	352,289
13	Printing, publishing, and job printing.	28	120	25	12	3	4	76	De 80	Ja [4] 74	79	66	5	8	.....	292,280
14	All other	6	38	4	3	1	3	27	(5) 27	(5) 27	27	18	.....	9	.....	60,009
15	Slaughtering and meat packing	4	141	.....	5	12	6	118	Ja [4] 130	De 106	105	103	2	.....	.....	1,471,293
16	Tobacco, cigars	5	9	5	.....	.....	.....	4	Oc 8	Ja [4] 2	8	7	1	.....	.....	14,075
17	All other industries*	33	1,106	26	47	51	20	962	.....	.....	.....	.....	.....	.....	.....	12,036,765

*All other industries embrace—

Artificial stone products	1
Automobile bodies and parts	2
Brick	1
Cars and general shop construction and repairs by electric-railroad companies	1
Clothing, women's, wrappers and house dresses	1
Fertilizers	1
Food preparations, not elsewhere specified	1
Foundry and machine-shop products	3
Gas, illuminating and heating	2
Ice, manufactured	2

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

1	RENO	53	406	47	34	38	23	324	Oc 350	Ap 300	336	294	30	12	.....	2,686,547

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.				Rented.[2]		
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]			
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 303,869	*Dollars.* 193,796	*Dollars.* 4,318,022	*Dollars.* 14,697	*Dollars.* 54,343	*Dollars.* 215,134	*Dollars.* 14,997,907	*Dollars.* 1,492,710	*Dollars.* 22,874,311	*Dollars.* 6,383,694	19,874	9,692	4,450	344	195	5,193	5,847	1
10,060	6,470	79,432	.....	10,440	1,300	70,462	4,603	221,372	146,307	118	.....	.....	9	.....	109	.....	2
4,147	1,560	47,997	72	11,595	1,040	151,782	7,502	274,209	114,925	70	.....	.....	.....	.....	70	.....	3
5,597	7,330	22,409	.....	.....	988	592,138	7,510	662,023	62,375	158	40	.....	18	.....	100	.....	4
140,524	47,016	2,309,593	.....	.....	25,015	1,311,387	163,251	3,991,838	2,517,200	3,816	2,154	.....	30	.....	1,632	1,273	5
.....	1,354	11,922	.....	4,200	994	87,493	1,850	153,710	64,367	38	.....	.....	.....	.....	38	.....	6
.....	600	13,617	.....	400	246	32,379	350	56,308	23,579	6	.....	.....	2	.....	4	.....	7
22,994	5,925	27,347	.....	640	6,271	981,807	9,508	1,116,199	124,884	482	40	.....	77	190	175	.....	8
.....	.....	2,250	.....	120	90	5,755	90	14,550	8,705	10	.....	.....	.....	.....	10	.....	9
1,000	1,110	14,373	.....	2,441	1,276	32,827	1,919	69,869	35,123	53	5	.....	4	.....	44	.....	10
13,617	.....	39,342	960	2,895	2,225	41,391	1,282	143,161	100,488	75	.....	.....	.....	.....	75	.....	11
45,535	11,533	147,058	3,635	13,960	5,833	82,833	10,101	467,631	374,697	189	.....	.....	31	5	153	.....	12
36,754	7,180	117,864	1,723	12,555	4,048	71,955	8,951	370,001	289,055	173	.....	.....	31	5	137	.....	13
8,781	4,353	29,194	1,912	1,405	1,785	10,838	1,150	97,630	85,642	16	.....	.....	.....	.....	16	.....	14
22,815	31,717	122,837	.....	1,177	6,344	2,681,881	38,277	2,938,628	215,470	702	140	.....	.....	.....	562	.....	15
.....	.....	5,195	.....	583	3,882	18,163	129	35,137	16,845	1	.....	.....	.....	.....	1	.....	16
127,580	79,181	1,474,650	10,030	5,892	159,630	8,904,609	1,246,338	12,729,676	2,578,729	14,156	7,313	4,450	173	.....	2,220	4,574	17

Lime	1	Optical goods	1	Smelting, copper	2
Liquors, malt, cereal beverages	2	Saddlery and harness	2	Soap	1
Lumber and timber products	3	Salt	1	Wall plaster and composition flooring	3
Lumber, planing-mill products, not including planing mills connected with sawmills	1	Sausage	1		

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

103,331	70,115	395,843	1,862	33,648	33,752	3,880,223	93,255	4,863,244	889,766	1,329	170	.....	59	100	1,000	35	1

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

WASHINGTON : GOVERNMENT PRINTING OFFICE : 1921

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

NEW HAMPSHIRE

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

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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 fuels impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

NEW HAMPSHIRE.

GENERAL STATISTICS.

General character of the state.—New Hampshire has a gross area of 9,341 square miles, of which 9,031 represent land surface. The inhabitants of the state in 1900 numbered 411,588; in 1910, 430,572; and in 1920, 443,083. In total population New Hampshire ranked forty-first among the states in 1920. The number of inhabitants per square mile in 1910 was 47.7, the corresponding figure for 1920 being 49.1.

In 1920 there were eight cities in the state—Berlin, Concord, Dover, Keene, Laconia, Manchester, Nashua, and Portsmouth—having more than 10,000 inhabitants. The combined population of these eight cities in that year was 193,739, and formed 43.7 per cent of the total population for New Hampshire, and in 1919 they reported 63.3 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 the value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Hillsborough County, which includes the cities of Manchester and Nashua, is the most important, reporting 44.6 per cent of the average number of wage earners in the state and 45.1 per cent of the value of products.

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

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

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

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914–1919, all cities show increases in value of products, due largely to the increased value of commodities at the later period. The city of Portsmouth shows the most noticeable increase during this five-year period in the average number of wage earners, 192.8 per cent, owing to exceptional activity in the shipbuilding industry.

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 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.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in New Hampshire. In that year only 5.7 per cent of the wage earners were reported in the group "48 and under" as against 65.6 per cent in 1919. In 1914 the "60" and "over 60" groups constituted 7.8 per cent of the total wage earners, as compared with 1.6 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 90.3 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 19.6 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 9.7 per cent of the total manufacturing establishments in the state, but reported 80.4 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at $100,000 to $1,000,000 constituted one group, but at the census of 1919 this group was subdivided into "$100,000 to $500,000" and "$500,000 to $1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for 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 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 30.8 per cent of the number of establishments in the state in 1919, they reported 86.4 per cent of the average number of wage earners and 88.1 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 6,032, or 9.2 per cent, and the value of products $207,642,533, or 137.3 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the eight cities in 1919 represented 35.5 per cent of the total in the state. They reported in that year 61.1 per cent of the average number of wage earners and 63.3 per cent of the value of products.

Principal industries in Manchester, with per cent of total for the state (Table 16).—This table includes all industries in the city of Manchester having products of $500,000 and over for which figures can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919 as compared with that for 1914 shows an increase of 5,045 horsepower, or 1.5 per cent. This increase was wholly confined to rented power, which increased 32,188 horsepower, or 61.1 per cent, during the five-year period. Owned power decreased 27,143 horsepower, or 9.3 per cent.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. The paper and wood-pulp industry was a large consumer of fuel in 1919, using 62.5 per cent of the anthracite coal, 29.4 per cent of the bituminous coal and 90.2 per cent of the fuel oils reported by manufacturing establishments.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	1,499	1,736	1,961	1,618	1,771	−13.7	−11.5	21.2	−8.6
Persons engaged	90,332	85,013	84,191	69,758	(2)	6.3	1.0	20.7	.....
Proprietors and firm members	1,426	1,646	2,014	1,726	(2)	−13.4	−18.3	16.7	.....
Salaried employees	5,832	4,374	3,519	2,666	2,068	33.3	24.3	32.0	28.9
Wage earners (average number)	83,074	78,993	78,658	65,366	67,646	5.2	0.4	20.3	−3.4
Primary horsepower	349,138	344,093	293,991	218,344	200,975	1.5	17.0	34.6	8.6
Capital	$329,166,870	$156,748,853	$139,989,662	$109,495,072	$92,146,025	110.0	12.0	27.9	18.8
Salaries and wages	92,538,743	46,523,773	40,391,440	30,665,310	28,049,307	98.9	15.2	31.7	9.3
Salaries	13,212,402	5,881,380	4,191,178	2,972,107	2,199,676	124.6	40.3	41.0	35.1
Wages	79,326,341	40,642,393	36,200,262	27,693,203	25,849,631	95.2	12.3	30.7	7.1
Paid for contract work	2,417,380	1,342,368	1,072,186	984,094	(2)	80.1	25.2	9.0	.....
Rent and taxes	15,221,765	2,167,003	1,508,475	[3] 946,650	(2)	602.4	43.7	.....	.....
Cost of materials	239,527,617	114,993,435	98,157,016	73,216,387	60,163,380	108.3	17.2	34.1	21.7
Value of products	407,204,934	182,843,863	164,581,019	123,610,904	107,590,803	122.7	11.1	33.1	14.9
Value added by manufacture [4]	167,677,317	67,850,428	66,424,003	50,394,517	47,427,423	147.1	2.1	31.8	6.3

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

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

COUNTY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Wages.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
The state	1,499	83,074	$79,326,341	$15,221,765	$239,527,617	$407,204,934	$167,677,317	349,138
Belknap	77	3,886	3,362,648	852,132	8,237,814	16,087,136	7,849,322	7,266
Carroll	49	708	687,202	34,832	1,401,910	2,579,942	1,178,032	3,182
Cheshire	175	4,745	4,477,482	730,537	9,947,491	19,383,572	9,436,081	19,976
Coos	75	5,312	6,527,243	1,299,774	20,994,518	36,665,228	15,670,710	97,984
Grafton	161	4,473	4,358,498	589,272	11,363,551	20,525,249	9,161,698	25,143
Hillsborough	379	37,057	33,572,206	6,068,658	114,298,256	183,710,296	69,412,040	104,840
Merrimack	199	7,348	7,318,706	973,192	17,912,457	32,782,555	14,870,098	32,851
Rockingham	180	7,619	7,584,801	1,159,009	20,065,880	36,548,906	16,483,026	12,523
Strafford	120	8,632	8,149,165	2,513,952	25,577,500	42,352,626	16,775,126	30,822
Sullivan	84	3,294	3,288,390	1,000,407	9,728,240	16,569,424	6,841,184	14,551

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

INDUSTRY.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent distribution.	VALUE OF PRODUCTS. Amount (expressed in thousands).	VALUE OF PRODUCTS. Per cent distribution.	VALUE ADDED BY MANUFACTURE. Amount (expressed in thousands).	VALUE ADDED BY MANUFACTURE. Per cent distribution.
All industries	1,499	83,074	100.0	$407,205	100.0	$167,677	100.0
Cotton goods	16	21,183	25.5	85,986	21.1	38,988	23.3
Boots and shoes	52	12,336	14.8	73,871	18.1	22,815	13.6
Paper and wood pulp	27	5,000	6.0	41,826	10.3	16,992	10.1
Woolen goods	39	5,317	6.4	31,245	7.7	12,548	7.5
Boot and shoe cut stock and findings	20	2,178	2.6	22,389	5.5	3,161	1.9
Lumber and timber products	327	4,976	6.0	14,992	3.7	8,877	5.3
Worsted goods	5	4,455	5.4	14,699	3.6	6,916	4.1
Knit goods	16	2,979	3.6	9,016	2.2	3,898	2.3
Foundry and machine-shop products	53	2,291	2.8	8,795	2.2	5,513	3.3
Leather, tanned, curried, and finished	7	709	0.9	7,309	1.8	1,343	0.8
Boxes, wooden packing, except cigar boxes	33	1,631	2.0	7,081	1.7	2,796	1.7
Textile machinery and parts	11	1,109	1.3	6,223	1.5	3,753	2.2
Bread and other bakery products	127	471	0.6	4,069	1.0	1,222	0.7
Tobacco, cigars	19	1,059	1.3	4,013	1.0	2,286	1.4
Flour-mill and gristmill products	48	83	0.1	3,391	0.8	465	0.3
Furniture	19	627	0.8	2,439	0.6	1,382	0.8
Lumber, planing-mill products, not including planing mills connected with sawmills	33	524	0.6	2,137	0.5	882	0.5
Marble and stone work	70	776	0.9	2,131	0.5	1,712	1.0
Clothing, men's	8	322	0.4	1,830	0.5	628	0.4
Needles, pins, and hooks and eyes	9	983	1.2	$1,705	0.4	$1,550	0.9
Electrical machinery, apparatus, and supplies	7	425	0.5	1,464	0.4	821	0.5
Printing and publishing, newspapers and periodicals	65	436	0.5	1,424	0.4	967	0.6
Gas, illuminating and heating	13	209	0.3	1,195	0.3	666	0.4
Printing and publishing, book and job	63	361	0.4	1,031	0.3	754	0.5
Boxes, paper and other, not elsewhere specified	8	240	0.3	692	0.2	370	0.2
Automobile repairing	48	157	0.2	683	0.2	348	0.2
Clothing, women's	5	157	0.2	597	0.1	233	0.1
Mineral and soda waters	31	85	0.1	571	0.1	297	0.2
Cutlery and edge tools	4	280	0.3	564	0.1	398	0.2
Toys and games	10	208	0.3	517	0.1	343	0.2
Wood, turned and carved	16	237	0.3	514	0.1	301	0.2
Brass and bronze products	6	106	0.1	478	0.1	289	0.2
Brick	9	169	0.2	465	0.1	360	0.2
Confectionery and ice cream	22	60	0.1	411	0.1	159	0.1
Cotton small wares	5	111	0.1	406	0.1	160	0.1
Upholstering materials, excelsior	7	91	0.1	401	0.1	201	0.1
Butter	14	12	(1)	391	0.1	71	(1)
Wooden goods, not elsewhere specified	5	158	0.2	385	0.1	219	0.1
All other industries [2]	222	10,563	12.7	49,869	12.2	22,993	13.7

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

[2] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 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: "Asbestos products, not including steam packing"; "belting, leather"; "cars and general shop construction and repairs by steam-railroad companies"; "cars, steam-railroad, not including operations of railroad companies"; "paper goods, not elsewhere specified"; "pulp goods"; "shipbuilding, steel"; "silk goods"; and "silversmithing and silverware."

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	90,332	62,919	27,413	69.7	30.3
	1914	85,013	60,655	24,358	71.3	28.7
	1909	84,191	58,924	25,267	70.0	30.0
Proprietors and officials	1919	3,736	3,583	153	95.9	4.1
	1914	3,077	2,985	92	97.0	3.0
	1909	3,279	3,181	98	97.0	3.0
Proprietors and firm members	1919	1,426	1,362	64	95.5	4.5
	1914	1,646	1,573	73	95.6	4.4
	1909	2,014	1,931	83	95.9	4.1
Salaried officers of corporations	1919	581	561	20	96.6	3.4
	1914	375	365	10	97.3	2.7
	1909	371	368	3	99.2	0.8
Superintendents and managers	1919	1,729	1,660	69	96.0	4.0
	1914	1,056	1,047	9	99.1	0.9
	1909	894	882	12	98.7	1.3
Clerks and other subordinate salaried employees	1919	3,522	1,669	1,853	47.4	52.6
	1914	2,943	1,792	1,151	60.9	39.1
	1909	2,254	1,441	813	63.9	36.1
Wage earners (average number)	1919	83,074	57,667	25,407	69.4	30.6
	1914	78,993	55,878	23,115	70.7	29.3
	1909	78,658	54,302	24,356	69.0	31.0
16 years of age and over	1919	82,215	57,163	25,052	69.5	30.5
	1914	78,508	55,598	22,910	70.8	29.2
	1909	77,462	53,574	23,888	69.2	30.8
Under 16 years of age	1919	859	504	355	58.7	41.3
	1914	485	280	205	57.7	42.3
	1909	1,196	728	468	60.9	39.1

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	83,074	68.8	30.2	1.0
	1914	78,993	70.4	29.0	0.6
	1909	78,658	68.1	30.4	1.5
Boot and shoe cut stock and findings	1919	2,178	66.4	33.3	0.3
	1914	1,878	75.9	24.0	0.1
Boots and shoes	1919	12,336	60.0	38.1	1.9
	1914	12,937	64.8	34.2	0.9
Boxes, paper and other, not elsewhere specified.	1919	240	53.3	36.3	10.4
	1914	127	26.8	70.9	2.4
Boxes, wooden packing, except cigar boxes.	1919	1,631	90.0	9.9	0.1
	1914	1,411	94.0	5.9	0.1
Bread and other bakery products	1919	471	81.1	17.8	1.1
	1914	480	82.9	16.5	0.6
Clothing, men's	1919	322	11.8	87.9	0.3
	1914	341	7.6	92.4	.....
Cotton goods	1919	21,183	53.5	45.2	1.3
	1914	21,589	56.2	43.2	0.6
Cutlery and edge tools	1919	280	91.4	7.5	1.1
	1914	198	96.0	4.0	.....
Electrical machinery, apparatus, and supplies.	1919	425	58.1	41.9	.....
	1914	228	71.5	28.5	.....
Foundry and machine-shop products [1]	1919	3,537	94.5	5.4	0.1
	1914	2,500	97.1	2.7	0.2
Furniture	1919	627	97.9	1.4	0.6
	1914	745	98.9	0.5	0.5
Gas, illuminating and heating	1919	209	96.7	3.3	.....
	1914	244	100.0	.....	.....
Knit goods	1919	2,979	30.1	67.5	2.3
	1914	3,328	30.6	66.7	2.7
Leather, tanned, curried, and finished	1919	709	92.7	7.2	0.1
	1914	452	97.8	2.2	.....
Lumber and timber products	1919	4,976	99.7	0.2	0.1
	1914	5,062	99.1	0.5	0.4
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	524	99.0	0.4	0.6
	1914	791	98.1	1.8	0.1
Marble and stone work	1919	776	99.7	.....	0.3
	1914	1,176	99.7	0.3	0.1
Needles, pins, and hooks and eyes	1919	983	41.1	58.2	0.7
	1914	366	48.9	50.8	0.3
Paper and wood pulp	1919	5,000	96.9	3.0	0.1
	1914	3,905	95.9	4.1	.....
Printing and publishing, book and job	1919	361	67.9	32.1	.....
	1914	250	72.4	26.8	0.8
Printing and publishing, newspapers and periodicals.	1919	436	68.1	22.9	8.9
	1914	448	74.8	23.7	1.6
Tobacco, cigars	1919	1,059	77.5	22.0	0.5
	1914	1,058	75.8	24.0	0.2
Toys and games	1919	208	66.8	29.8	3.4
	1914	114	71.9	26.3	1.8
Wood, turned and carved	1919	237	85.2	14.8	.....
	1914	666	95.6	3.8	0.6
Woolen and worsted goods	1919	9,772	62.1	36.9	1.0
	1914	9,532	61.3	38.1	0.6
All other industries	1919	11,615	81.6	17.9	0.5
	1914	9,167	85.8	13.8	0.4

[1] Includes "iron and steel, 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. 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
Berlin	4,236	2,680	2,477	4,169	2,651	2,466	64	28	6	3	1	5	$30,652,522	$13,089,804	$8,774,646
Concord	2,444	2,856	2,693	2,106	2,631	2,385	293	222	283	45	3	25	12,441,751	6,743,687	6,476,477
Dover	2,334	2,483	3,030	1,409	1,559	2,086	915	901	927	10	23	17	13,934,975	5,682,095	6,370,110
Keene	2,185	2,068	1,769	1,613	1,730	1,450	554	336	269	18	2	50	8,513,980	3,918,449	3,483,291
Laconia	2,579	2,621	2,235	1,663	1,623	1,375	884	998	846	32	.....	14	11,847,851	4,496,770	4,090,506
Manchester	25,512	25,843	24,735	14,774	15,708	13,840	10,351	9,963	10,583	387	172	312	117,493,082	50,799,667	46,811,919
Nashua	8,264	7,382	7,265	5,464	5,262	4,959	2,745	2,094	2,156	55	26	150	48,985,184	22,780,444	17,326,134
Portsmouth	3,191	1,090	992	2,901	764	734	289	324	244	1	2	14	14,060,887	3,923,812	2,871,183

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	80,610	82,803	78,438	90.3	100.0	96.9	July	82,600	78,018	*76,824*	92.6	94.2	94.3
February	79,590	82,243	79,097	89.2	99.3	97.7	August	83,325	77,279	76,975	93.4	93.3	95.1
March	79,162	81,296	79,519	88.7	98.2	98.2	September	85,663	*76,982*	77,850	96.0	93.0	96.2
April	*78,849*	80,099	77,697	88.4	96.7	96.0	October	87,070	77,402	80,108	97.6	93.5	99.0
May	79,972	79,344	78,132	89.6	95.8	96.5	November	88,593	76,993	80,797	99.3	93.0	99.8
June	82,221	78,427	78,021	92.2	94.7	96.4	December	**89,224**	77,030	**80,936**	100.0	93.0	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	83,074	80,610	79,599	79,162	*78,849*	79,972	82,221	82,600	83,325	85,663	87,070	88,593	**89,224**	88.4
Males	57,667	55,866	55,248	54,877	*54,511*	55,590	57,152	57,397	57,580	59,482	60,584	61,876	61,841	88.1
Females	25,407	24,744	24,351	*24,285*	24,338	24,382	25,069	25,203	25,745	26,181	26,486	26,717	**27,383**	88.7
Boot and shoe cut stock and findings	2,178	2,120	2,035	*1,928*	1,931	2,015	2,381	2,398	2,172	2,177	2,185	2,390	**2,404**	80.2
Boots and shoes	12,336	12,403	12,196	11,636	11,459	*11,300*	12,173	12,468	12,166	12,517	12,639	13,226	**13,849**	81.6
Boxes, paper and other, not elsewhere specified	240	221	226	*213*	217	215	219	233	252	266	266	267	**285**	74.7
Boxes, wooden packing, except cigar boxes	1,631	1,607	1,567	1,596	1,546	1,561	1,577	*1,541*	1,605	1,666	1,711	1,762	**1,833**	84.1
Bread and other bakery products	471	447	447	*446*	449	459	476	488	**492**	489	486	481	492	90.7
Clothing, men's	322	328	313	*300*	311	304	310	313	332	308	338	353	**354**	84.7
Cotton goods	21,183	*20,421*	20,702	20,782	20,835	20,671	21,151	21,562	21,751	**21,753**	21,654	21,318	21,596	93.9
Cutlery and edge tools	280	*259*	262	272	275	262	285	290	293	279	301	**305**	277	84.9
Electrical machinery, apparatus, and supplies	425	388	*384*	400	402	391	398	405	408	433	465	496	**530**	72.5
Foundry and machine-shop products	2,291	2,389	2,381	2,252	2,214	2,171	2,110	2,180	*2,166*	2,292	2,396	2,472	**2,529**	83.3
Furniture	627	610	629	636	629	633	650	*570*	598	628	619	649	**673**	84.7
Gas, illuminating and heating	209	*190*	198	199	207	210	208	207	220	227	215	212	**215**	83.7
Knit goods	2,979	3,021	2,981	2,897	2,890	2,950	2,998	*2,648*	3,018	3,038	3,093	2,986	**3,228**	82.0
Leather, tanned, curried, and finished	709	601	590	*582*	619	631	622	744	819	796	731	805	**968**	60.1
Lumber and timber products	4,976	6,168	5,825	5,711	4,374	4,529	4,308	*3,091*	3,801	4,630	5,606	**6,174**	5,495	50.1
Lumber, planing-mill products, not including planing mills connected with sawmills	524	462	470	458	*451*	472	507	516	536	583	591	611	**631**	71.5
Marble and stone work	776	*436*	437	478	674	813	930	948	975	953	966	919	**783**	44.7
Needles, pins, and hooks and eyes	983	983	931	924	*913*	940	933	962	1,010	994	1,043	1,077	**1,086**	84.1
Paper and wood pulp	5,000	4,815	4,479	*4,477*	4,797	4,820	4,979	5,161	5,213	5,300	5,183	5,639	5,137	79.4
Printing and publishing, book and job	361	*338*	352	356	359	363	363	348	345	362	357	378	**411**	82.2
Printing and publishing, newspapers and periodicals	436	422	432	439	438	444	*421*	429	425	432	446	451	**453**	92.9
Textile machinery and parts	1,109	1,040	1,047	*1,007*	1,069	1,031	1,041	1,116	1,164	1,152	1,165	1,228	**1,248**	80.7
Tobacco, cigars	1,059	1,130	1,105	1,142	1,147	1,168	1,141	900	*79*	1,112	1,200	1,293	1,231	6.1
Toys and games	208	*149*	172	173	165	180	198	223	237	238	253	252	**256**	58.2
Wood, turned and carved	237	218	216	*210*	212	211	229	232	256	257	262	260	**281**	74.7
Woolen goods	5,317	4,366	*4,078*	4,412	5,048	5,271	5,583	5,775	5,850	5,757	5,778	5,853	**6,038**	67.5
Worsted goods	4,455	*4,126*	4,149	4,184	4,265	4,297	4,394	4,552	4,696	**4,718**	4,698	4,687	4,695	87.4
All other industries	11,752	*10,953*	11,000	11,052	*10,958*	11,660	11,636	12,240	12,506	12,306	12,423	12,049	12,246	87.6
Industries showing large proportion of females.														
Boot and shoe cut stock and findings	728	742	679	659	*647*	659	736	744	729	716	742	**847**	836	76.4
Boots and shoes	4,786	4,837	4,747	4,535	4,489	*4,445*	4,622	4,716	4,727	4,871	4,925	5,162	**5,356**	83.0
Boxes, paper and other, not elsewhere specified	110	103	114	105	103	*101*	106	104	112	118	120	115	119	84.2
Boxes, wooden packing, except cigar boxes	162	155	158	168	171	174	161	*154*	156	162	159	159	167	88.5
Bread and other bakery products	87	80	80	*79*	80	86	93	93	95	90	91	85	92	83.2
Clothing, men's	283	280	*274*	*262*	273	267	271	274	293	269	298	312	**314**	83.4
Cotton goods	9,690	*9,357*	9,423	9,571	9,529	9,396	9,675	9,863	9,932	9,913	9,934	9,830	**9,865**	93.0
Electrical machinery, apparatus, and supplies	178	164	*149*	162	161	152	172	170	169	184	201	212	**240**	62.1
Knit goods	2,049	2,092	2,078	1,997	1,977	2,012	2,050	*1,825*	2,083	2,083	2,111	2,056	**2,224**	82.1
Needles, pins, and hooks and eyes	575	584	538	523	*503*	547	547	565	601	581	618	639	**649**	78.3
Paper and wood pulp	154	147	*131*	147	142	151	157	159	159	168	164	160	**163**	78.0
Printing and publishing, book and job	116	*104*	114	112	114	116	119	113	106	119	115	126	**134**	77.6
Printing and publishing, newspapers and periodicals	100	98	100	100	102	102	*94*	98	95	98	105	104	104	89.5
Tobacco, cigars	236	291	275	285	280	281	254	56	*13*	279	281	271	266	4.5
Toys and games	65	*43*	54	52	46	51	58	66	76	74	88	87	85	48.9
Woolen goods	1,523	1,294	*1,179*	1,286	1,435	1,522	1,607	1,640	1,649	1,617	1,636	1,693	**1,727**	68.3
Worsted goods	2,131	*1,966*	1,977	1,994	2,040	2,055	2,101	2,185	2,248	**2,265**	2,251	2,246	2,244	86.8
Total for cities	50,745	48,387	48,398	*48,072*	48,537	49,420	50,692	52,441	51,410	52,699	52,207	53,306	**53,380**	90.1
Males	34,431	32,506	32,741	*32,499*	32,975	33,821	34,593	**36,170**	34,812	35,816	35,284	36,041	35,914	89.9
Females	16,314	15,881	15,657	15,573	*15,562*	15,599	16,099	16,271	16,598	16,874	16,923	17,265	**17,466**	89.1
BERLIN	4,236	*3,544*	3,731	3,867	4,533	4,738	4,159	**4,892**	4,565	4,588	4,056	4,483	3,676	72.4
Males	4,169	*3,477*	3,664	3,800	4,467	4,672	4,092	**4,824**	4,497	4,520	3,988	4,416	3,611	72.1
Females	67	67	67	67	66	66	67	68	68	68	68	67	*65*	95.6
CONCORD	2,444	*2,239*	2,296	2,311	2,417	2,517	2,465	2,425	2,453	2,454	2,512	2,582	**2,657**	84.3
Males	2,147	*1,979*	2,009	2,015	2,094	2,184	2,183	2,155	2,194	2,171	2,201	2,255	2,324	85.2
Females	297	260	287	296	323	333	282	270	*259*	283	311	327	333	77.8
DOVER	2,334	2,235	2,293	2,265	2,330	2,310	2,352	**2,433**	2,405	2,378	*2,229*	2,348	2,430	91.6
Males	1,410	1,377	1,385	*1,335*	1,378	1,374	1,397	1,459	1,466	1,457	1,388	1,431	**1,473**	90.6
Females	924	858	908	930	952	936	955	974	939	921	*841*	917	957	86.3
KEENE	2,185	*1,946*	1,962	2,030	2,069	2,127	2,189	2,150	2,137	2,278	2,384	2,419	**2,529**	76.9
Males	1,626	*1,453*	1,502	1,534	1,570	1,602	1,626	1,589	1,582	1,673	1,754	1,766	**1,861**	78.1
Females	559	493	*460*	496	499	525	563	561	555	605	630	653	**668**	68.9
LACONIA	2,579	2,408	2,510	2,477	*2,222*	2,578	2,636	2,466	2,738	**2,763**	2,753	2,647	2,690	80.4
Males	1,673	1,610	1,651	1,619	*1,347*	1,678	1,722	1,673	1,813	1,823	1,784	1,670	1,686	73.9
Females	906	858	859	858	875	900	914	*793*	925	940	969	977	1,004	79.0
MANCHESTER	25,512	24,900	24,494	24,069	*24,004*	24,077	25,518	26,126	25,389	26,482	26,527	27,202	**27,356**	87.7
Males	15,014	14,594	14,425	14,106	*14,085*	14,118	15,177	15,633	14,690	15,602	15,578	16,041	16,119	87.4
Females	10,498	10,306	10,069	9,963	*9,919*	9,959	10,341	10,493	10,699	10,880	10,949	11,161	**11,237**	88.3
NASHUA	8,264	8,184	8,198	8,117	7,968	*7,944*	8,072	8,389	8,355	8,530	8,422	8,321	**8,668**	91.6
Males	5,491	5,421	5,447	5,389	*5,272*	5,288	5,342	5,586	5,518	5,679	5,601	5,514	5,835	90.4
Females	2,773	2,763	2,751	2,728	2,696	*2,656*	2,730	2,803	2,837	2,851	2,821	2,807	2,833	93.2
PORTSMOUTH	3,101	*2,871*	2,914	2,936	2,994	3,129	3,301	**3,560**	3,368	3,217	3,324	3,304	3,374	80.6
Males	2,901	*2,595*	2,658	2,701	2,762	2,905	3,054	**3,251**	3,052	2,891	2,990	2,948	3,005	79.8
Females	290	276	256	235	232	*224*	247	309	316	326	334	356	**369**	60.7

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	83,074	3,650	1,160	40,726	12,579	12,287	2,324	1,130	218
	1914	78,993	(2)	(2)	4,480	5,021	5,598	57,764	5,162	968
	1909	78,658	(2)	(2)	3,516	1,991	3,936	57,935	10,087	1,193
Boot and shoe cut stock and findings	1919	2,178			1,494	511	39	134		
	1914	1,878				67	1	1,810		
Boots and shoes	1919	12,336	231	31	7,239	4,223	441	171		
	1914	12,937	(2)	(2)	346	310	318	11,902	61	
Boxes, paper and other, not elsewhere specified	1919	240			79	161				
	1914	127				9	28	90		
Boxes, wooden packing, except cigar boxes	1919	1,631	2		237	1,159	73	160		
	1914	1,411	(2)	(2)	42	147	26	908	288	
Bread and other bakery products	1919	471	32		224	6	148	44	17	
	1914	480	(2)	(2)	77	8	169	28	177	21
Clothing, men's	1919	322	224		77			21		
	1914	341	(2)	(2)	243	24		74		
Cotton goods	1919	21,183			15,499	16	5,668			
	1914	21,589						21,589		
Cutlery and edge tools	1919	280			101	64	115			
	1914	198					125	69	4	
Electrical machinery, apparatus, and supplies	1919	425			290	45	90			
	1914	228				45	16	167		
Foundry and machine-shop products [3]	1919	3,537		1,062	1,297	552	190	409	27	
	1914	2,500	(2)	(2)	35	20	474	1,747	224	
Furniture	1919	627			50	259	223	61	34	
	1914	745				2	53	512	178	
Gas, illuminating and heating	1919	209			102	2	30	75		
	1914	244	(2)	(2)	2		53	38	110	41
Knit goods	1919	2,979			2,686	173	120			
	1914	3,328				3	661	2,664		
Leather, tanned, curried, and finished	1919	709			373	331	5			
	1914	452				77	117	258		
Lumber and timber products	1919	4,976	17	22	1,312	675	1,770	601	574	5
	1914	5,062	(2)	(2)	13	54	1,199	1,386	2,366	44
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	524			25	473	25	1		
	1914	791	(2)	(2)	40	14	35	459	243	
Marble and stone work	1919	776	515	22	235		4			
	1914	1,176	(2)	(2)	1,157		16	1	2	
Needles, pins, and hooks and eyes	1919	983			840		97	46		
	1914	366						366		
Paper and wood pulp	1919	5,000			3,972	485	123		280	140
	1914	3,905	(2)	(2)	915	1,114	270	780	22	804
Printing and publishing, book and job	1919	361	6	2	321	22	4	6		
	1914	250	(2)	(2)	38	143	22	45	2	
Printing and publishing, newspapers and periodicals	1919	436	43	1	288	48	56			
	1914	448	(2)	(2)	155	24	176	92	1	
Tobacco, cigars	1919	1,059	14	15	1,030					
	1914	1,058	(2)	(2)	1,047	11				
Toys and games	1919	208	8			139	17	23	21	
	1914	114	(2)	(2)	2		13	99		
Wood, turned and carved	1919	237			6	41	50	140		
	1914	666				271	28	264	103	
Woolen and worsted goods	1919	9,772	41		7,687	244	1,799	1		
	1914	9,532					1,062	8,470		
All other industries	1919	11,615	2,517	5	4,262	2,950	1,200	431	177	73
	1914	9,167	(2)	(2)	368	2,678	736	3,946	1,381	58
Total for cities	1919	50,745	2,884	16	36,887	5,562	4,619	608	131	38
	1914	47,023	(2)	(2)	3,022	4,482	2,330	35,539	1,578	72
BERLIN	1919	4,236			4,213		19	1		3
	1914	2,680	(2)	(2)	934	1,119	613		5	9
CONCORD	1919	2,444	269		1,222	515	417	14	6	1
	1914	2,856	(2)	(2)	456	1,299	213	849	32	7
DOVER	1919	2,334	3	2	1,582	515	77	155		
	1914	2,483	(2)	(2)	7	409	484	1,547	26	10
KEENE	1919	2,185	57		532	1,287	226	44	37	2
	1914	2,068	(2)	(2)	172	445	184	1,039	226	2
LACONIA	1919	2,579	8		1,709	658	170	33		1
	1914	2,621	(2)	(2)	10	627	417	1,498	69	
MANCHESTER	1919	25,512	55	1	24,638	649	78	3	62	26
	1914	25,843	(2)	(2)	1,171	269	158	23,892	310	43
NASHUA	1919	8,264	62	13	2,503	1,704	3,617	334	26	5
	1914	7,382	(2)	(2)	82	94	104	6,191	910	1
PORTSMOUTH	1919	3,191	2,430		488	234	15	24		
	1914	1,090	(2)	(2)	190	220	157	523		

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

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
			No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
	Establishments.	Wage earners (average number).	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	1,499	83,074	132	664	1,431	319	3,572	151	5,006	87	6,265	90	14,307	31	11,354	12	8,576	13	32,563
Boot and shoe cut stock and findings	20	2,178	1	2	6	10	109	1	46	1	55	3	374	1	289			1	1,299
Boots and shoes	52	12,336		2	2	5	64	4	152	8	624	16	2,684	11	4,057	5	3,644	1	1,109
Boxes, paper and other, not elsewhere specified	8	240				2	20	6	220										
Boxes, wooden packing, except cigar boxes	33	1,631	1	3	6	9	114	9	281	7	540	4	690						
Bread and other bakery products	127	471	14	90	209	20	179	3	83										
Clothing, men's	8	322				3	42	3	103	1	54	1	123						
Cotton goods	16	21,183				2	33					4	675	3	1,127	2	1,417	5	17,931
Cutlery and edge tools	4	280		1	4					1	60	2	216						
Electrical machinery, apparatus, and supplies	7	425				2	12	2	69	2	131	1	213						
Foundry and machine-shop products	53	2,291	2	16	43	14	157	13	418	5	336	2	281					1	1,056
Furniture	19	627	2	3	3	4	54	7	278	2	154	1	138						
Gas, illuminating and heating	13	209		3	8	6	63	4	138										
Knit goods	16	2,979						3	88	3	291	6	950	3	1,066	1	584		
Leather, tanned, curried, and finished	7	709		2	6					2	142	2	253	1	308				
Lumber and timber products	327	4,976	6	174	408	108	1,217	26	844	8	522	3	575	1	327			1	1,083
Lumber, planing-mill products, not including planing mills connected with sawmills	33	524	6	16	40	3	40	5	182	2	146	1	116						
Marble and stone work	70	776	12	36	86	13	145	4	93	4	285	1	167						
Needles, pins, and hooks and eyes	9	983		1	2			2	85	1	97	5	799						
Paper and wood pulp	27	5,000				8	107	8	256	4	264	3	418	3	1,447			1	2,508
Printing and publishing, book and job	63	361	22	29	60	10	82	1	28			1	191						
Printing and publishing, newspapers and periodicals	65	436	16	32	89	11	134	5	160	1	53								
Textile machinery and parts	11	1,109		1	2	4	38	2	62	1	57	2	289			1	661		
Tobacco, cigars	19	1,059	5	8	16	5	61									1	982		
Toys and games	10	208		4	11	2	16	3	70			1	111						
Wood, turned and carved	16	237	1	4	6	8	110	2	65	1	56								
Woolen goods	39	5,317		1	1			2	84	14	1,021	18	2,835	4	1,376				
Worsted goods	5	4,455		1	1	1	17			1	95	1	237					1	4,105
All other industries	422	11,752	44	235	422	69	758	36	1,201	18	1,282	12	1,972	4	1,357	2	1,288	2	3,472
Total for cities	532	50,745	49	226	507	97	1,013	61	2,038	33	2,335	34	5,225	14	5,481	8	5,622	10	28,524
BERLIN	25	4,236	2	13	40	5	44	2	63					1	498			2	3,591
CONCORD	76	2,444	11	29	59	18	205	9	280	3	209	4	647	1	301	1	743		
DOVER	30	2,334	1	21	47	6	82	4	119	2	144	3	386	1	478			1	1,078
KEENE	64	2,185	3	22	46	13	155	9	320	11	810	6	854						
LACONIA	32	2,579	5	8	24	5	39	4	158	3	269	4	544	2	884	1	661		
MANCHESTER	165	25,512	20	67	165	30	289	19	634	7	458	7	1,187	7	2,693	3	2,240	5	17,846
NASHUA	92	8,264	3	41	79	16	165	12	412	6	353	9	1,403	1	289	3	1,978	1	3,585
PORTSMOUTH	39	3,191	4	25	47	4	34	2	52	1	92	1	204	1	338			1	2,424

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

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	1,499	1,736	1,961	83,074	78,993	78,658	$407,204,934	$182,843,863	$164,581,019	$167,677,317	$67,850,428	$66,424,003
Less than $5,000	322	524	663	236	697	963	782,834	1,276,913	1,603,993	475,523	837,380	1,034,742
$5,000 to $20,000	432	581	648	1,459	3,027	3,695	4,658,294	6,096,318	6,733,411	2,634,800	3,460 763	3,810,066
$20,000 to $100,000	405	400	432	5,044	8,797	9,666	17,584,076	17,322,635	18,059,662	8,900,083	8,660,410	9,504,982
$100,000 to $500,000	213	160	184	13,249	24,784	26,809	51,658,874	35,305,424	57,399,937	25,154,580	23,428,906	24,282,557
$500,000 to $1,000,000	51	33		7,754			36,558,260	22,793,338		16,083,189		
$1,000,000 and over	76	38	34	55,332	41,688	37,525	295,962,596	100,049,235	80,784,016	114,429,142	31,462,969	27,791,656
	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	21.5	30.2	33.8	0.3	0.9	1.2	0.2	0.7	1.0	0.3	1.2	1.6
$5,000 to $20,000	28.8	33.5	33.0	1.8	3.8	4.7	1.1	3.3	4.1	1.6	5.1	5.7
$20,000 to $100,000	27.0	23.0	22.0	6.1	11.1	12.3	4.3	9.5	11.0	5.3	12.8	14.3
$100,000 to $500,000	14.2	9.2	9.4	15.9	31.4	34.1	12.7	19.3	34.9	15.0	34.5	36.6
$500,000 to $1,000,000	3.4	1.9		9.3			9.0	12.5		9.6		
$1,000,000 and over	5.1	2.2	1.7	66.6	52.8	47.7	72.7	54.7	49.1	68.2	46.4	41.8

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	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
BOOTS AND SHOES	52	55	100.0	100.0	12,336	12,937	100.0	100.0	$73,870,588	$37,664,039	100.0	100.0	$22,815,088	$11,298,967	100.0	100.0
Less than $20,000	3	6	5.8	10.9	12	28	0.1	0.2	21,953	55,445	(1)	0.1	4,300	31,109	(1)	0.3
$20,000 to $100,000	5	6	9.6	10.9	128	171	1.0	1.3	278,725	327,486	0.4	0.9	120,455	150,367	0.5	1.3
$100,000 to $500,000	16	22	30.8	40.0	1,438	[2] 5,499	11.7	42.5	6,315,159	5,761,886	8.5	15.3	2,563,606	[2] 4,643,358	11.2	41.1
$500,000 to $1,000,000	7	10	13.5	18.2	1,130	.....	9.2	.....	5,506,381	7,068,632	7.5	18.8	2,056,694	.....	9.0	.....
$1,000,000 and over	21	11	40.4	20.0	9,628	7,239	78.0	56.0	61,748,370	24,447,590	83.6	64.9	18,070,033	6,474,133	79.2	57.3
BOXES, WOODEN PACKING, EXCEPT CIGAR BOXES	33	33	100.0	100.0	1,631	1,411	100.0	100.0	7,080,559	3,922,874	100.0	100.0	2,795,778	1,411,141	100.0	100.0
Less than $20,000	6	3	18.2	9.1	28	6	1.7	0.4	52,370	13,567	0.7	0.3	26,244	6,669	0.9	0.5
$20,000 to $100,000	12	18	36.4	54.5	249	424	15.3	30.0	828,132	851,018	11.7	21.7	345,727	328,173	12.4	23.3
$100,000 to $500,000	11	[3] 12	33.3	36.4	664	[3] 981	40.7	69.5	2,909,191	[3] 3,058,289	41.1	78.0	1,010,151	[3] 1,070,299	36.1	76.3
$500,000 and over	4	.....	12.1	.....	690	.....	42.3	.....	3,290,866	.....	46.5	.....	1,413,656	.....	50.6	.....
BREAD AND OTHER BAKERY PRODUCTS	127	152	100.0	100.0	471	480	100.0	100.0	4,069,425	1,676,355	100.0	100.0	1,221,732	693,491	100.0	100.0
Less than $5,000	13	42	10.2	27.6	7	38	1.5	7.9	36,644	125,883	0.9	7.5	14,755	55,959	1.2	8.1
$5,000 to $20,000	53	94	41.7	61.8	72	273	15.3	56.9	635,428	936,782	15.6	55.9	216,709	393,114	17.7	56.7
$20,000 to $100,000	54	[4] 16	42.5	10.5	264	[4] 169	56.1	35.2	2,218,126	[4] 613,690	54.5	36.6	670,187	[4] 244,418	54.9	35.2
$100,000 to $500,000	7	.....	5.5	.....	128	.....	27.2	.....	1,179,227	.....	29.0	.....	320,081	.....	26.2	.....
COTTON GOODS	16	16	100.0	100.0	21,183	21,589	100.0	100.0	85,986,158	35,679,660	100.0	100.0	38,988,020	12,939,120	100.0	100.0
$100,000 to $500,000	[2] 4	4	25.0	25.0	[2] 464	[2] 2,051	2.2	9.5	[2] 2,235,089	1,027,456	2.6	2.9	[2] 831,320	[2] 1,324,816	2.1	10.2
$500,000 to $1,000,000	.....	4	.....	25.0	.....	.....	.....	.....	.....	2,831,113	.....	7.9	.....	.....	.....	.....
$1,000,000 and over	12	8	75.0	50.0	20,719	19,538	97.8	90.5	83,751,069	31,821,091	97.4	89.2	38,156,700	11,614,304	97.9	89.8
FLOUR-MILL AND GRISTMILL PRODUCTS	48	79	100.0	100.0	83	144	100.0	100.0	3,391,346	2,733,820	100.0	100.0	465,032	311,818	100.0	100.0
Less than $5,000	7	6	14.6	7.6	.....	2	.....	1.4	18,940	15,936	0.6	0.6	4,349	3,446	0.9	1.1
$5,000 to $20,000	19	38	39.6	48.1	7	37	8.4	25.7	218,796	447,303	6.5	16.4	28,736	72,548	6.2	23.3
$20,000 to $100,000	19	32	39.6	40.5	25	62	30.1	43.1	714,929	1,069,969	21.1	39.1	84,928	150,696	18.3	48.3
$100,000 and over	3	3	6.2	3.8	51	43	61.4	29.9	2,438,681	1,200,612	71.9	43.9	347,019	85,128	74.6	27.3
FOUNDRY AND MACHINE-SHOP PRODUCTS [5]	68	69	100.0	100.0	3,537	2,500	100.0	100.0	15,434,949	5,041,104	100.0	100.0	9,578,352	3,131,003	100.0	100.0
Less than $5,000	9	12	13.2	17.4	11	18	0.3	0.7	25,196	33,518	0.2	0.7	17,533	21,659	0.2	0.7
$5,000 to $20,000	11	22	16.2	31.9	37	129	1.0	5.2	111,931	217,870	0.7	4.3	80,418	147,812	0.8	4.7
$20,000 to $100,000	25	27	36.8	39.1	375	613	10.6	24.5	1,149,376	1,114,177	7.4	22.1	662,971	721,205	6.9	23.0
$100,000 to $500,000	18	[3] 8	26.5	11.6	947	[3] 1,740	26.8	69.6	3,458,555	[3] 3,675,539	22.4	72.9	2,236,118	[3] 2,240,327	23.3	71.6
$500,000 and over	5	.....	7.4	.....	2,167	.....	61.3	.....	10,689,891	.....	69.3	.....	6,581,312	.....	68.7	.....
FURNITURE	19	26	100.0	100.0	627	745	100.0	100.0	2,438,781	1,554,272	100.0	100.0	1,382,070	831,323	100.0	100.0
Less than $5,000	5	4	26.3	15.4	3	9	0.5	1.2	8,270	11,211	0.3	0.7	5,586	7,349	0.4	0.9
$5,000 to $20,000	.....	4	.....	15.4	.....	34	.....	4.6	.....	43,069	.....	2.8	.....	25,313	.....	3.0
$20,000 to $100,000	4	15	21.1	57.7	54	509	8.6	68.3	195,121	904,529	8.0	58.2	76,118	496,186	5.5	59.7
$100,000 and over	10	3	52.6	11.5	570	193	90.9	25.9	2,235,390	595,463	91.7	38.3	1,300,366	302,475	94.1	36.4
KNIT GOODS	16	20	100.0	100.0	2,979	3,328	100.0	100.0	9,015,583	4,282,739	100.0	100.0	3,897,520	1,903,319	100.0	100.0
Less than $20,000	.....	4	.....	20.0	.....	26	.....	0.8	.....	22,782	.....	0.5	.....	10,645	.....	0.6
$20,000 to $100,000	3	3	18.8	15.0	88	298	3.0	9.0	172,908	132,575	1.9	3.1	90,800	91,018	2.3	4.8
$100,000 to $500,000	6	[2] 13	37.5	65.0	695	[2] 3,004	23.3	90.3	1,954,747	[2] 4,127,382	21.7	96.4	960,249	[2] 1,801,656	24.6	94.7
$500,000 to $1,000,000	4	.....	25.0	.....	971	.....	32.6	.....	2,899,130	.....	32.2	.....	1,187,546	.....	30.5	.....
$1,000,000 and over	3	.....	18.8	.....	1,225	.....	41.1	.....	3,988,798	.....	44.2	.....	1,658,925	.....	42.6	.....
LUMBER AND TIMBER PRODUCTS	327	433	100.0	100.0	4,976	5,062	100.0	100.0	14,992,066	10,734,757	100.0	100.0	8,877,369	5,951,302	100.0	100.0
Less than $5,000	84	165	25.7	38.1	91	308	1.8	6.1	209,348	426,540	1.4	4.0	145,659	305,679	1.6	5.1
$5,000 to $20,000	119	163	36.4	37.6	585	1,047	11.8	20.7	1,248,849	1,850,108	8.3	17.2	913,918	1,207,063	10.3	20.3
$20,000 to $100,000	99	94	30.3	21.7	1,338	1,826	26.9	36.1	3,813,151	3,677,122	25.4	34.3	2,440,897	2,067,642	27.5	34.7
$100,000 to $500,000	22	[3] 11	6.7	2.5	1,412	[3] 1,881	28.4	37.2	4,378,887	[3] 4,780,987	29.2	44.5	2,642,843	[3] 2,370,918	29.8	39.8
$500,000 and over	3	.....	0.9	.....	1,550	.....	31.1	.....	5,341,831	.....	35.6	.....	2,734,052	.....	30.8	.....
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS	33	47	100.0	100.0	524	791	100.0	100.0	2,136,905	1,861,425	100.0	100.0	882,400	739,327	100.0	100.0
Less than $5,000	10	13	30.3	27.7	2	15	0.4	1.9	13,682	31,361	0.6	1.7	6,637	18,200	0.8	2.5
$5,000 to $20,000	9	15	27.3	31.9	27	81	5.2	10.2	90,307	138,925	4.2	7.5	35,078	84,885	4.0	11.5
$20,000 to $100,000	7	12	21.2	25.5	77	271	14.7	34.3	297,025	550,633	13.9	29.6	131,314	275,874	14.9	37.3
$100,000 and over	7	7	21.2	14.9	418	424	79.8	53.6	1,735,891	1,140,506	81.2	61.3	709,371	360,368	80.4	48.7
MARBLE AND STONE WORK	70	85	100.0	100.0	776	1,176	100.0	100.0	2,130,643	1,803,656	100.0	100.0	1,711,561	1,408,263	100.0	100.0
Less than $5,000	20	31	28.6	36.5	8	34	1.0	2.9	47,394	79,548	2.2	4.4	31,227	58,207	1.8	4.1
$5,000 to $20,000	27	34	38.6	40.0	84	196	10.8	16.7	276,795	330,100	13.0	18.3	189,326	243,100	11.1	17.3
$20,000 to $100,000	18	16	25.7	18.8	232	482	29.9	41.0	689,371	680,097	32.4	37.7	495,571	522,817	29.0	37.1
$100,000 to $500,000	5	4	7.1	4.7	452	464	58.2	39.5	1,117,083	713,911	52.4	39.6	995,437	584,139	58.2	41.5
PAPER AND WOOD PULP	27	30	100.0	100.0	5,000	3,905	100.0	100.0	41,825,551	17,708,138	100.0	100.0	16,991,555	5,171,062	100.0	100.0
$20,000 to $100,000	5	13	18.5	43.3	68	228	1.4	5.8	399,905	808,483	1.0	4.6	210,841	287,403	1.2	5.6
$100,000 to $500,000	12	8	44.4	26.7	380	[2] 1,137	7.6	29.1	2,452,960	1,510,252	5.9	8.5	982,203	[2] 1,479,256	5.8	28.6
$500,000 to $1,000,000	3	4	11.1	13.3	179	.....	3.6	.....	1,631,644	2,640,342	3.9	14.9	664,068	.....	3.9	.....
$1,000,000 and over	7	5	25.9	16.7	4,373	2,540	87.5	65.0	37,341,042	12,749,061	89.3	72.0	15,134,443	3,404,403	89.1	65.5
WOOLEN AND WORSTED GOODS	44	40	100.0	100.0	9,772	9,532	100.0	100.0	45,943,993	15,039,284	100.0	100.0	19,464,757	4,952,463	100.0	100.0
Less than $20,000	.....	3	.....	7.5	.....	12	.....	0.1	.....	22,356	.....	0.1	.....	3,909	.....	0.1
$20,000 to $100,000	.....	8	.....	20.0	.....	461	.....	4.8	.....	642,783	.....	4.3	.....	278,453	.....	5.6
$100,000 to $500,000	[6] 17	25	38.6	62.5	[6] 1,097	[7] 9,059	11.2	95.0	54,714,484	6,453,398	10.3	42.9	61,804,109	[7] 4,670,101	9.3	94.3
$500,000 to $1,000,000	15	[8] 4	34.1	10.0	1,730	.....	17.7	.....	11,151,719	[8] 7,920,747	24.3	52.7	4,929,569	.....	25.3	.....
$1,000,000 and over	12	.....	27.3	.....	6,945	.....	71.1	.....	30,077,790	.....	65.5	.....	12,731,079	.....	65.4	.....

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

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.	VALUE ADDED BY MANUFACTURE. Amount.	VALUE ADDED BY MANUFACTURE. Per cent of total.
BERLIN	25	4,236	100.0	$30,652,522	100.0	$13,313,638	100.0
Less than $20,000	10	20	0.5	76,266	0.2	36,580	0.3
$20,000 to $100,000	9	50	1.2	267,230	0.9	133,984	1.0
$100,000 to $500,000	3	77	1.8	414,431	1.4	185,318	1.4
$1,000,000 and over	3	4,089	96.5	29,894,595	97.5	12,957,756	97.3
CONCORD	76	2,444	100.0	12,441,751	100.0	5,766,381	100.0
Less than $5,000	16	3	0.1	40,048	0.3	23,628	0.4
$5,000 to $20,000	25	76	3.1	275,456	2.2	153,955	2.7
$20,000 to $100,000	20	290	11.9	884,566	7.1	524,089	9.1
$100,000 to $500,000	9	509	20.8	2,447,910	19.7	1,418,462	24.6
$500,000 and over	6	1,566	64.1	8,793,771	70.7	3,646,247	63.2
DOVER	39	2,334	100.0	13,934,975	100.0	5,490,672	100.0
Less than $5,000	8	8	0.3	18,911	0.1	12,237	0.2
$5,000 to $20,000	10	23	1.0	94,409	0.7	52,003	0.9
$20,000 to $100,000	12	193	8.3	549,770	3.9	236,669	4.3
$100,000 to $500,000	5	288	12.3	965,702	6.9	425,112	7.7
$1,000,000 and over	4	1,822	78.1	12,306,183	88.3	4,764,651	86.8
KEENE	64	2,185	100.0	8,513,980	100.0	4,175,440	100.0
Less than $5,000	14	14	0.6	38,208	0.4	25,408	0.6
$5,000 to $20,000	10	38	1.7	139,022	1.6	81,176	1.9
$20,000 to $100,000	16	223	10.2	793,878	9.3	404,988	9.7
$100,000 to $500,000	20	1,332	61.0	4,706,805	55.3	2,406,836	57.6
$500,000 and over	4	578	26.5	2,836,067	33.3	1,257,032	30.1
LACONIA	32	2,579	100.0	$11,847,851	100.0	$5,854,102	100.0
Less than $5,000	6	4	0.2	13,858	0.1	9,917	0.2
$5,000 to $20,000	5	16	0.6	52,609	0.4	29,193	0.5
$20,000 to $100,000	9	107	4.1	433,461	3.7	166,792	2.8
$100,000 to $500,000	8	768	29.8	2,126,189	17.9	1,185,645	20.3
$500,000 and over	4	1,684	65.3	9,221,734	77.8	4,462,555	76.2
MANCHESTER	165	25,512	100.0	117,493,082	100.0	45,705,557	100.0
Less than $5,000	26	12	(1)	57,493	(1)	30,706	0.1
$5,000 to $20,000	47	126	0.5	542,345	0.5	285,733	0.6
$20,000 to $100,000	47	447	1.8	2,057,978	1.8	925,345	2.0
$100,000 to $500,000	24	1,259	4.9	5,431,311	4.6	2,573,485	5.6
$500,000 to $1,000,000	4	555	2.2	2,624,373	2.2	1,182,401	2.6
$1,000,000 and over	17	23,113	90.6	106,779,582	90.9	40,707,887	89.1
NASHUA	92	8,264	100.0	48,985,184	100.0	17,029,919	100.0
Less than $5,000	17	14	0.2	51,614	0.1	33,340	0.2
$5,000 to $20,000	22	58	0.7	245,872	0.5	131,968	0.8
$20,000 to $100,000	26	374	4.5	1,432,953	2.9	667,482	3.9
$100,000 to $500,000	15	959	11.6	3,214,733	6.6	1,944,413	11.4
$500,000 to $1,000,000	4	680	8.2	2,578,400	5.3	1,399,578	8.2
$1,000,000 and over	8	6,179	74.8	41,461,612	84.6	12,853,138	75.5
PORTSMOUTH	39	3,191	100.0	14,060,887	100.0	8,113,444	100.0
Less than $5,000	9	7	0.2	28,080	0.2	16,443	0.2
$5,000 to $20,000	16	32	1.0	150,253	1.1	75,044	0.9
$20,000 to $100,000	8	42	1.3	319,355	2.3	138,200	1.7
$100,000 and over	6	3,110	97.5	13,563,199	96.5	7,883,757	97.2

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

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY— Individuals.	Corporations.	All others.	AVERAGE NUMBER OF WAGE EARNERS. Total.	In establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.	VALUE OF PRODUCTS. Total.	Of establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.
All industries	1919	713	461	325	83,074	5,762	71,774	5,538	6.9	86.4	6.7	$407,204,934	$23,505,739	$358,832,142	$24,867,053	5.8	88.1	6.1
	1914	966	452	318	78,993	7,548	65,742	5,703	9.6	83.2	7.2	182,843,863	17,862,406	151,189,609	13,791,848	9.8	82.7	7.5
	1909	1,122	424	415	78,658	8,225	61,653	8,780	10.5	78.4	11.2	164,581,019	16,987,245	126,642,602	20,951,172	10.3	76.9	12.7
Boots and shoes	1919	4	39	9	12,336	293	11,140	903	2.4	90.3	7.3	73,870,588	1,681,112	68,177,649	4,011,827	2.3	92.3	5.4
	1914	9	36	10	12,937	573	11,293	1,071	4.4	87.3	8.3	37,664,039	1,289,025	34,046,642	2,328,372	3.4	90.4	6.2
Boxes, wooden packing, except cigar boxes.	1919	10	18	5	1,631	344	1,019	268	21.1	62.5	16.4	7,080,559	1,668,819	4,383,338	1,028,402	23.6	61.9	14.5
	1914	15	16	2	1,411	[1] 550	861	.....	39.0	61.0	.....	3,922,874	[1] 1,557,940	2,364,934	.....	39.7	60.3	.....
Bread and other bakery products.	1919	91	6	30	471	260	56	155	55.2	11.9	32.9	4,069,425	2,183,039	358,021	1,528,365	53.6	8.8	37.6
	1914	129	3	20	480	333	31	116	69.4	6.5	24.2	1,676,355	1,178,346	96,260	401,749	70.3	5.7	24.0
Cotton goods	1919	.....	15	1	21,183	.....	[1] 21,183	.....	.....	100.0	.....	85,986,158	.....	[1] 85,986,158	.....	.....	100.0	.....
	1914	1	15	.....	21,589	.....	[2] 21,589	.....	.....	100.0	.....	35,679,660	.....	[2] 35,679,660	.....	.....	100.0	.....
Flour-mill and gristmill products.	1919	27	5	16	83	19	46	18	22.9	55.4	21.7	3,391,346	493,077	2,157,232	741,037	14.5	63.6	21.9
	1914	46	5	28	144	57	46	41	39.6	31.9	28.5	2,733,820	875,235	1,133,793	724,792	32.0	41.5	26.5
Foundry and machine-shop products [3]	1919	21	36	11	3,537	107	3,268	162	3.0	92.4	4.6	15,434,949	421,048	14,515,287	498,614	2.7	94.0	3.2
	1914	26	30	13	2,500	165	2,167	168	6.6	86.7	6.7	5,041,104	308,945	4,341,018	391,141	6.1	86.1	7.8
Furniture	1919	7	8	4	627	131	446	50	20.9	71.1	8.0	2,438,781	365,608	1,851,381	221,792	15.0	75.9	9.1
	1914	5	16	5	745	39	576	130	5.2	77.3	17.4	1,554,272	90,381	1,212,471	251,420	5.8	78.0	16.2
Knit goods	1919	1	13	2	2,979	.....	2,434	[2] 545	.....	81.7	18.3	9,015,583	.....	7,712,230	[2] 1,303,353	.....	85.5	14.5
	1914	3	12	5	3,328	170	2,437	721	5.1	73.2	21.7	4,282,739	240,166	3,296,657	745,916	5.6	77.0	17.4
Leather, tanned, curried, and finished.	1919	.....	7	.....	709	.....	709	.....	.....	100.0	.....	7,309,472	.....	7,309,472	.....	.....	100.0	.....
	1914	2	5	1	452	[1] 195	257	.....	43.1	56.9	.....	2,863,759	[1] 1,541,456	1,322,303	.....	53.8	46.2	.....
Lumber and timber products.	1919	193	47	87	4,976	1,114	2,907	955	22.4	58.4	19.2	14,992,066	2,590,521	9,529,223	2,872,322	17.3	63.6	19.2
	1914	311	42	80	5,062	1,916	2,303	843	37.9	45.5	16.7	10,734,757	3,583,664	5,496,493	1,654,600	33.4	51.2	15.4
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	20	6	7	524	90	269	165	17.2	51.3	31.5	2,136,905	384,315	1,142,977	609,613	18.0	53.5	28.5
	1914	20	13	14	791	139	381	271	17.6	48.2	34.3	1,861,425	288,161	1,076,358	496,906	15.5	57.8	26.7
Marble and stone work	1919	39	9	22	776	158	326	292	20.4	42.0	37.6	2,130,643	470,945	751,141	908,557	22.1	35.3	42.6
	1914	45	12	28	1,176	197	611	368	16.8	52.0	31.3	1,803,656	421,112	778,830	603,714	23.3	43.2	33.5
Paper and wood pulp	1919	.....	22	5	5,000	.....	4,887	113	.....	97.7	2.3	41,825,551	.....	40,730,705	1,094,846	.....	97.4	
	1914	1	23	6	3,905	.....	3,549	[2] 356	.....	90.9	9.1	17,708,138	.....	16,491,371	[2] 1,216,767	.....	93.1	
Woolen and worsted goods.	1919	9	32	3	9,772	654	8,946	172	6.7	91.5	1.8	45,943,993	3,610,752	41,211,574	1,121,667	7.9	89.7	
	1914	12	23	5	9,532	662	8,526	344	6.9	89.4	3.6	15,039,284	1,261,236	12,950,777	827,271	8.4	86.1	

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

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.						
					Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
		Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.		Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
Total for cities	1919	231	192	109	50,745	2,227	46,111	2,407	4.4	90.9	4.7	$257,930,232	$9,726,727	$238,872,841	$9,330,664	3.8	92.6	3.6
	1914	272	197	94	47,023	2,874	42,426	1,723	6.1	90.2	3.7	111,434,728	7,679,509	99,016,819	4,738,400	6.9	88.9	4.3
BERLIN	1919	10	8	7	4,236	48	4,165	23	1.1	98.3	0.5	30,652,522	287,323	30,227,769	137,430	0.9	98.6	0.4
	1914	8	7	4	2,680	64	2,599	17	2.4	97.0	0.6	13,089,804	135,450	12,911,700	42,654	1.0	98.6	0.3
CONCORD	1919	35	24	17	2,444	157	1,987	300	6.4	81.3	12.3	12,441,751	634,547	10,786,080	1,021,124	5.1	86.7	8.2
	1914	35	31	20	2,856	144	2,279	433	5.0	79.8	15.2	6,743,687	286,737	5,632,279	824,671	4.3	83.5	12.2
DOVER	1919	23	11	5	2,334	150	2,086	98	6.4	89.4	4.2	13,934,975	690,134	13,100,716	144,125	5.0	94.0	1.0
	1914	40	9	9	2,483	321	2,107	55	12.9	84.9	2.2	5,682,095	1,848,943	3,733,937	99,215	32.5	65.7	1.7
KEENE	1919	23	30	11	2,185	158	1,788	239	7.2	81.8	10.9	8,513,980	589,192	7,120,013	804,775	6.9	83.6	9.5
	1914	24	33	11	2,068	168	1,764	136	8.1	85.3	6.6	3,918,449	395,678	3,213,984	308,787	10.1	82.0	7.9
LACONIA	1919	12	15	5	2,579	129	1,987	463	5.0	77.0	18.0	11,847,851	737,039	10,278,783	832,029	6.2	86.8	7.0
	1914	28	16	11	2,621	269	1,775	577	10.3	67.7	22.0	4,496,770	543,628	3,444,211	508,931	12.1	76.6	11.3
MANCHESTER	1919	68	60	37	25,512	1,204	23,786	522	4.7	93.2	2.0	117,493,082	5,021,391	109,587,027	2,884,664	4.3	93.3	2.5
	1914	78	51	22	25,843	1,340	24,249	254	5.2	93.8	1.0	50,799,667	3,117,540	46,930,002	752,125	6.1	92.4	1.5
NASHUA	1919	40	34	18	8,264	349	7,198	717	4.2	87.1	8.7	48,985,184	1,525,580	44,242,613	3,216,991	3.1	90.3	6.6
	1914	35	38	14	7,382	507	6,642	233	6.9	90.0	3.2	22,780,444	1,161,622	19,475,575	2,143,247	5.1	85.5	9.4
PORTSMOUTH	1919	20	10	9	3,191	32	3,114	45	1.0	97.6	1.4	14,060,887	241,521	13,529,840	289,526	1.7	96.2	2.1
	1914	24	12	3	1,090	61	1,011	18	5.6	92.8	1.7	3,923,812	189,911	3,675,131	58,770	4.8	93.7	1.5

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

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.						THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	8	.....	6	.....	2	.....	.....	.....
	1914	.....	8	.....	6	.....	2	.....	.....	.....
	1909	.....	8	.....	6	.....	2	.....	.....	.....
Population [1]	1920	443,083	193,739	43.7	86,976	19.6	106,763	24.1	249,344	56.3
	1915	438,662	184,187	42.0	81,651	18.6	102,536	23.4	254,475	58.0
	1910	430,572	174,112	40.4	78,044	18.1	96,068	22.3	256,460	59.6
Number of establishments	1919	1,499	532	35.5	275	18.3	257	17.1	967	64.5
	1914	1,736	563	32.4	325	18.7	238	13.7	1,173	67.6
	1909	1,961	616	31.4	337	17.2	279	14.2	1,345	68.6
Average number of wage earners	1919	83,074	50,745	61.1	16,969	20.4	33,776	40.7	32,329	38.9
	1914	78,993	47,023	59.5	13,798	17.5	33,225	42.1	31,970	40.5
	1909	78,658	45,196	57.5	13,196	16.8	32,000	40.7	33,462	42.5
Value of products	1919	$407,204,934	$257,930,232	63.3	$91,451,966	22.5	$166,478,266	40.9	$149,274,702	36.7
	1914	182,843,863	111,434,728	60.9	37,854,617	20.7	73,580,111	40.2	71,409,135	39.1
	1909	164,581,019	96,114,271	58.4	31,976,218	19.4	64,138,053	39.0	68,466,748	41.6
Value added by manufacture	1919	167,677,317	105,449,153	62.9	42,713,677	25.5	62,735,476	37.4	62,228,164	37.1
	1914	67,850,428	39,714,376	58.5	16,031,624	23.6	23,682,752	34.9	28,136,052	41.5
	1909	66,424,003	37,496,637	56.4	14,234,758	21.4	23,261,879	35.0	28,927,366	43.5

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

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

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.			Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Boots and shoes, including cut stock and findings	$50,423,909	52.4	$31,623,180	168.2	Printing and publishing, newspapers and periodicals	$566,388	39.8	$179,263	46.3
Tobacco, cigars	3,915,029	97.6	1,639,052	72.0	Cotton goods; Knit goods; Leather, tanned, curried, and finished; Textile machinery and parts; Worsted goods	(1)	(1)	(1)	(1)
Boxes, wooden packing, except cigar boxes	1,596,254	22.5	863,647	117.9					
Bread and other bakery products	1,224,267	30.1	754,566	160.6					
Lumber, planing-mill products, not including planing mills connected with sawmills	570,407	26.7	73,518	14.8					

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

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

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909
Primary power, total	7,941	4,902	3,415	349,138	344,093	293,991	100.0	100.0	100.0
Owned	1,562	2,121	2,399	264,291	291,434	268,407	75.7	84.7	91.3
Steam [1]	815	1,079	1,191	147,240	161,001	139,158	42.2	46.8	47.3
Engines	768	(2)	(2)	95,358	(2)	(2)	27.3		
Turbines	47	(2)	(2)	51,882	(2)	(2)	14.9		
Internal-combustion engines	106	131	108	1,676	1,841	1,238	0.5	0.5	0.4
Water	641	911	1,100	115,375	128,592	128,011	33.0	37.4	43.6
Water wheels and turbines	632	889	1,076	115,338	127,845	127,490	33.0	37.2	43.4
Water motors	9	22	24	37	747	521	(3)	0.2	0.2
Rented	6,379	2,781	1,016	84,847	52,659	25,584	24.3	15.3	8.7
Electric	6,379	2,781	1,016	84,601	49,171	21,209	24.2	14.3	7.2
Other				246	3,488	4,375	0.1	1.0	1.5
Electric	9,297	4,379	1,686	151,718	102,612	45,351	100.0	100.0	100.0
Rented	6,379	2,781	1,016	84,601	49,171	21,209	55.8	47.9	46.8
Generated by establishments reporting	2,918	1,598	670	67,117	53,441	24,142	44.2	52.1	53.2

[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	286,885	539,405	30,964	578,398	27,656	20,910
1914	101,330	635,885	10,169	46,561	(1)	19,523
Per cent of increase [2]	183.1	−15.2	204.5	1,201.6	(1)	7.1
Boots and shoes	3,028	20,497		250	183	138
Bread and other bakery products	3,734	3,535	696	75	73	283
Brick	812	3,937		1	26	
Buttons	24	7,700				
Cars and general shop construction and repairs by steam-railroad companies		6,262	14	2,947		
Cars, steam-railroad, not including operations of railroad companies	2,500	7,100	500	3,000		
Cotton goods	58,175	129,636	15,346	7,070		
Foundry and machine-shop products	1,942	6,113	4,041	191	485	6,001
Gas, illuminating and heating	4,658	19,306	8,825	22,536	23,401	96
Knit goods	336	8,655	79			
Leather, tanned, curried, and finished	1,289	5,258				
Marble and stone work	153	5,887	8	117	218	
Paper and wood pulp	179,355	158,457		522,000		
Paper goods, not elsewhere specified	2,359	4,387			120	
Shipbuilding, steel		7,113		9,000		
Silk goods		9,286				
Textile machinery and parts	40	2,297		1,833		5,334
Woolen goods	175	75,598			21	
Worsted goods	24,043	22,910	96	3,030		
All other industries	4,262	35,471	1,359	6,348	3,129	9,058
Total for cities	275,215	235,187	28,622	47,930	24,654	14,986
BERLIN	177,958	30,758	226		42	
CONCORD	1,007	9,629	1,819	8,925	170	5,310
DOVER	1,171	8,819	15,737	2,317	20	84
KEENE	1,931	10,073	313	3,939	701	620
LACONIA	3,701	11,249	1,116	5,861	79	6,435
MANCHESTER	83,131	89,698	7,198	11,883	23,424	1,622
NASHUA	5,207	51,271	1,700	6,005	192	564
PORTSMOUTH	509	23,690	513	9,200	26	351

[1] Included in figures for fuel oils.

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

SPECIAL STATISTICS.

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

Cotton goods (Table 19).—This table gives the quantity and cost of materials and the quantity and value of products of the cotton-goods industry in New Hampshire for the census years 1919, 1914, and 1909.

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

	1919	1914	1909 [1]
MATERIALS.			
Total cost	$46,998,138	$22,740,540	$19,123,850
Cotton:			
Domestic—			
Pounds	122,623,353	134,996,047	136,801,463
Cost	$35,493,456	$16,904,341	$14,751,838
Foreign—			
Pounds	7,153,126	6,415,766	1,731,164
Cost	$1,941,531	$991,309	$248,897
Yarn, purchased:			
Pounds	2,380,772	1,947,088	1,884,910
Cost	$1,291,064	$402,224	$389,009
Cotton waste, purchased:			
Pounds	8,850,722	1,422,815	1,067,102
Cost	$657,449	$124,519	$77,884
Starch, cost	$233,296	$176,701	$205,768
Chemicals and dyestuffs, cost	$1,232,784	$679,600	$416,498
Fuel and rent of power, cost	$1,845,321	$803,349	$712,663
All other materials, cost	$4,303,237	$2,658,497	$2,321,293
PRODUCTS.			
Total value	$85,986,158	$35,679,660	$33,601,830
Unbleached and bleached sheetings, shirtings, and muslins: [2]			
Pounds	11,671,242	(3)	(3)
Square yards	41,327,918	54,353,854	62,200,189
Value	$8,540,052	$3,443,893	$3,588,372
Twills, sateens, etc.:			
Pounds	12,173,740	(3)	(3)
Square yards	28,112,365	45,353,004	47,921,784
Value	$8,250,468	$4,939,594	$4,372,001
Napped fabrics:			
Pounds	46,010,809	(3)	(3)
Square yards	73,470,351	49,650,233	71,473,313
Value	$23,577,161	$5,192,818	$6,567,134
Bags and bagging, value	$473,500	$522,527	$696,769
All other woven goods:			
Pounds	47,022,122	(3)	(3)
Square yards	123,405,532	205,083,393	220,647,387
Value	$39,440,661	$19,386,926	$15,761,015
Yarns, for sale:			
Pounds	3,811,883	968,319	1,930,524
Value	$2,777,734	$341,886	$527,521
Cotton waste, not used for further manufacture:			
Pounds	7,499,957	15,360,363	12,366,641
Value	$451,430	$409,865	$263,256
Contract work, value	$630,674	(3)	(3)
All other products, value	$1,844,478	$1,442,151	$1,825,762

[1] Includes establishments engaged primarily in the manufacture of cotton small wares.
[2] The figures for these fabrics at the census of 1909 represent the combined quantities and values of those designated as "plain cloths for printing and converting" and "brown or bleached sheetings and shirtings."
[3] Not reported separately.

In 1919 raw cotton constituted a large proportion of the total cost of materials (79.7 per cent). From 1909 to 1914 there was an increase of 2.1 per cent in the quantity of raw cotton used as material, but a decrease of 8.2 per cent from 1914 to 1919, which results in a decrease of 6.3 per cent for the ten-year period 1909–1919. There has been little trading of yarn in the state during the decade 1909–1919. In 1919 the cost of yarn purchased and consumed represented only 2.7 per cent of the total cost of materials, and that produced for sale 3.2 per cent of the value of products for the industry. Since the value of woven goods represented 93.4 per cent of the total value of products for the industry in the state in 1919, 93.9 per cent in 1914, and 92.2 per cent in 1909, the condition of the cotton-goods industry for the state may best be measured by the decrease in the number of square yards of such manufactures. The figures in the table show a decrease of 11.9 per cent in the number of square yards of woven goods from 1909 to 1914, and 24.9 per cent from 1914 to 1919, or 33.8 per cent during the ten years from 1909 to 1919.

Woolen and worsted goods (Table 20).—This table gives a detailed account of the industry with reference to the quantity and cost of materials used and the quantity and value of products for the census years 1919, 1914, and 1909.

Manufacturers of woolen and worsted goods in this state generally produce a large share of their own yarn for the manufacture of woven goods. Wool was the principal raw material used, being 56.1 per cent of the total cost of materials in 1919, 48.2 per cent in 1914, and 63.2 per cent in 1909.

TABLE 20.—WOOLEN AND WORSTED GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$26,479,236	$10,086,821	$11,095,070
Wool:			
Foreign (in condition purchased)—			
Pounds	10,904,885	11,313,239	10,706,575
Cost	$6,606,370	$3,143,684	$3,627,863
Domestic (in condition purchased)—			
Pounds	10,743,702	5,818,251	12,027,487
Cost	$8,238,532	$1,721,846	$3,383,625
Equivalent in scoured condition, pounds—			
In grease—			
Foreign, pounds	12,533,273	(1)	(1)
Domestic, pounds	14,667,985	.....	.....
Scoured—			
Foreign, pounds	6,377,445	(1)	(1)
Domestic, pounds	7,518,242	.....	.....
Cotton:			
Pounds	963,908	2,290,290	489,543
Cost	$342,511	$270,495	$78,358
Rags, clippings, etc.:			
Pounds	4,439,364	5,325,635	4,037,235
Cost	$1,198,421	$387,895	$403,774
Recovered wool fiber:			
Pounds	3,655,460	2,568,081	2,423,570
Cost	$1,490,343	$386,561	$272,794
Waste and noils:			
Pounds	3,655,471	2,832,611	1,977,694
Cost	$2,246,298	$663,806	$537,262
Yarn, purchased:			
Woolen and worsted—			
Pounds	253,864	127,272	526,832
Cost	$677,954	$58,855	$430,295
Cotton—			
Pounds	1,182,461	1,355,139	1,183,689
Cost	$736,379	$357,337	$277,696
All other—			
Pounds	32,128	(1)	(1)
Cost	$149,816	(1)	(1)
Chemicals and dyestuffs, cost	$1,271,023	$387,565	$430,271
Fuel and rent of power, cost	$887,643	$417,945	$365,525
All other materials, cost	$2,627,946	$2,290,832	$1,287,602

[1] Not reported separately.

TABLE 20.—WOOLEN AND WORSTED GOODS: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS.			
Total value	$45,943,993	$15,039,284	$16,730,652
All-wool woven goods:			
Pounds	27,904,604	(1)	(1)
Square yards	22,404,350	20,880,031	25,922,838
Value	$32,377,902	$10,081,736	$11,791,315
Woolen and worsted suitings, dress goods, overcoatings, and cloakings—			
Pounds	27,701,130	(1)	(1)
Square yards	22,031,738	7,257,404	8,455,368
Value	$31,725,673	$4,080,149	$4,480,947
All other—			
Pounds	203,474	(1)	(1)
Square yards	372,612	13,622,627	17,467,470
Value	$652,229	$6,001,587	$7,310,368
Wool-and-cotton-mixed woven goods:			
Pounds	2,205,432	(1)	(1)
Square yards	3,207,439	4,717,530	5,010,181
Value	$3,504,314	$1,307,794	$1,651,492
Suitings, dress goods, overcoatings, and cloakings—			
Pounds	1,331,668	(1)	(1)
Square yards	1,574,108	3,707,146	3,973,788
Value	$1,793,096	$996,761	$1,436,933
All other—			
Pounds	873,764	(1)	(1)
Square yards	1,633,331	1,010,384	1,036,393
Value	$1,711,218	$311,033	$214,559
Cotton-warp woven goods:			
Pounds	4,993,556	(1)	(1)
Square yards	7,657,163	13,508,725	7,994,757
Value	$6,509,014	$2,811,258	$1,903,901
Suitings, dress goods, overcoatings, and cloakings—			
Pounds	3,069,644	(1)	(1)
Square yards	4,451,877	3,483,608	5,142,088
Value	$3,935,467	$825,122	$1,081,067
All other—			
Pounds	1,923,912	(1)	(1)
Square yards	3,205,286	10,025,117	2,852,669
Value	$2,573,547	$1,986,136	$822,834
Partly manufactured products for sale, value	$2,853,419	$587,016	$1,083,637
All other products, value	$337,746	$182,171	$251,476
Amount received for contract work	$361,598	$69,309	$48,831
MACHINERY.			
Spindles [2]	233,414	217,170	193,704
Looms	4,189	4,084	4,230
Woolen and worsted cards [3]	456	424	352
Combing machines	52	52	52

[1] Not reported separately.
[2] Includes both producing and doubling and twisting spindles.
[3] Includes shoddy cards. Woolen cards were reported in sets.

Woven goods greatly predominated as the principal product of the industry in the state, with 92.3 per cent of the total value of products in 1919, 94.4 per cent in 1914, and 91.7 per cent in 1909. Within the three divisions of woven goods (all-wool, wool-and-cotton mixed, and cotton-warp) the largest value was reported as all-wool woven goods, which represented 76.4, 71, and 76.8 per cent, respectively, of the total value of woven goods for the three census periods 1919, 1914, and 1909.

Knit goods (Table 21).—This table gives the quantity and cost of materials and the quantity and value of products for the knit-goods industry in New Hampshire for the census years 1919, 1914, and 1909.

"Yarn purchased" was the principal item used as materials and represented 64.3 per cent of the cost of all materials in 1919, 52.5 per cent in 1914, and 57.2 per cent in 1909.

Hosiery was the chief product, representing 72 per cent of the total value in 1919, 74.6 in 1914, and 66.4 per cent in 1909. The character of hosiery manufactured in New Hampshire has been constantly changing from cotton to merino. This is partly due to the reduction in the manufacture of all-wool hosiery. Thus, while the production of cotton hosiery decreased from 44.3 per cent to 31.5 per cent of the total quantity of all hosiery during the last ten years, and all-wool hosiery from 37 to 7.3 per cent, merino hosiery increased from 18.8 to 60 per cent.

Underwear was the second item of importance produced in the knit-goods industry for New Hampshire and in 1919 was 25.9 per cent of the total value of products as compared with 12 per cent in 1914, and 25.2 per cent in 1909. The figures for underwear are principally for separate shirts and drawers, together with small amounts and values for union suits, which could not be shown separately without disclosing individual establishments.

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

	1919	1914	1909
MATERIALS.			
Total cost	$5,118,063	$2,379,420	$2,635,673
Cotton (raw):			
Pounds	665,020	1,247,298	1,314,260
Cost	$234,095	$156,692	$173,411
Cotton, carded and otherwise prepared:			
Pounds	135,964	742,035	(1)
Cost	$34,965	$71,119	(1)
Cotton waste, purchased:			
Pounds	595,339	458,286	(1)
Cost	$174,719	$50,682	(1)
Wool, in condition purchased:			
Pounds	128,305	172,081	211,544
Cost	$179,133	$82,540	$99,855
Recovered wool fiber:			
Pounds	600,274	608,904	566,214
Cost	$215,978	$108,522	$118,187
Yarn, purchased:			
Pounds	4,567,531	3,406,640	4,532,099
Cost	$3,291,401	$1,248,860	$1,508,171
Cotton—			
Pounds	3,977,864	2,725,462	3,712,733
Cost	$1,872,504	$685,233	$728,469
Worsted—			
Pounds	250,176	643,762	733,465
Cost	$690,086	$539,371	$700,228
Merino—			
Pounds	286,431	(1)	(1)
Cost	$586,050	(1)	(1)
All other—			
Pounds	53,060	37,416	85,901
Cost	$142,761	$24,256	$79,474
Chemicals and dyestuffs, cost	$126,116	$95,947	$91,871
Fuel and rent of power, cost	$71,029	$50,161	$35,995
All other materials, cost	$790,627	$514,897	$608,183
PRODUCTS.			
Total value	$9,015,583	$4,282,739	$4,764,119
Hosiery:			
Dozen pairs	2,089,550	2,597,949	2,681,273
Value	$6,494,816	$3,196,266	$3,164,589
Cotton—			
Dozen pairs	657,326	1,034,358	1,186,912
Value	$1,538,716	$970,589	$984,243
Wool—			
Dozen pairs	152,309	495,565	991,105
Value	$556,601	$785,153	$1,589,567
Merino [2]—			
Dozen pairs	1,253,977	1,068,026	503,256
Value	$4,243,051	$1,440,524	$590,779
All other—			
Dozen pairs	25,938	(1)	(1)
Value	$156,448	(1)	(1)
Underwear:			
Dozens	304,337	135,359	260,703
Value	$2,337,407	$512,160	$1,200,038
All other products, value	$183,360	$574,313	$399,492

[1] Not reported separately.
[2] Includes small amounts of silk and silk-mixed hosiery, to avoid disclosures of individual operations in 1919 and 1914.

Boots and shoes (Tables 22 and 23).—Table 22 shows the number of pairs and value of the various kinds of footwear produced in 1919, 1914, and 1909. New Hampshire ranked fifth among the states in the actual production of all kinds of boots and shoes in 1919 as compared with third in 1914, while the state ranked fourth in value at both censuses. Measured by value of products, the boot and shoe industry ranked second in the state in 1919 and first in 1914. Of the totals for the four classes of boots and shoes shown in the table, "women's" is the only kind showing an increased output in 1919 as compared with 1914, the increase being 718,106 pairs, or 19 per cent. During this five-year period, "men's" decreased 462,329 pairs, or 4.2 per cent; "boys' and youths'" 358,451 pairs, or 8.9 per cent; "misses' and children's" 732,046 pairs, or 18.9 per cent; and "slippers and infants' shoes," 1,436,265 pairs, or 73.6 per cent.

TABLE 22.—BOOTS AND SHOES, BY CLASSES: 1919, 1914, AND 1909.

KIND.	NUMBER OF PAIRS AND VALUE.		
	1919	1914	1909
Aggregate value	$73,870,588	$37,664,039	[1]$34,027,176
Boots and shoes:			
Total number of pairs	21,873,826	22,708,546	25,069,572
Total value	$71,460,661	$35,143,718	.....
Men's—			
Number of pairs	10,586,597	11,048,926	11,698,985
Value	$43,672,721	$21,456,512	.....
Boys' and youths'—			
Number of pairs	3,651,685	4,010,136	4,176,479
Value	$8,467,965	$5,651,634	.....
Women's—			
Number of pairs	4,491,754	3,773,648	4,587,874
Value	$12,913,209	$4,351,718	.....
Misses' and children's—			
Number of pairs	3,143,790	3,875,836	4,606,234
Value	$6,406,766	$3,683,854	.....
Slippers:			
Total number of pairs	512,303	1,674,374	282,124
Total value	$1,000,174	$1,853,320	.....
Men's, boys', and youths'—			
Number of pairs	159,805	159,872	.....
Value	$330,674	$127,535	.....
Women's, misses', and children's—			
Number of pairs	352,498	1,514,502	282,124
Value	$669,500	$1,725,785	.....
Infants' shoes and slippers:			
Number of pairs	2,772	276,966	182,418
Value	$4,871	$201,932	.....
All other footwear:			
Number of pairs	311,793	.....	.....
Value	$656,648	.....	.....
All other products, including amount received for work done for others, value	$748,234	$465,069	.....

[1] Total value only reported in 1909.

Table 23 shows that more welted boots and shoes were manufactured in New Hampshire in 1919 than any other type. The number of welted boots and shoes increased from 38.3 per cent in 1914 to 48 per cent in 1919, while the number manufactured by the McKay method decreased from 56 per cent in 1914 to 41 per cent in 1919. Men's shoes were principally of the welted type, while women's, misses', and children's were McKay.

TABLE 23.—BOOTS AND SHOES—NUMBER OF PAIRS, BY METHOD OF MANUFACTURE: 1919 AND 1914.

CLASS.	Census year.	Total.	Welted.	McKay.	Turned.	Wood or metal fastened.
Boots and shoes	1919	[1]21,873,826	10,494,583	[2]8,970,490	386,204	2,022,549
	1914	22,708,546	8,701,304	[3]12,713,361	275,406	1,018,475
Mens'	1919	10,586,597	8,295,522	1,014,069	.....	1,277,006
	1914	11,048,926	7,644,060	2,591,669	.....	[3]813,197
Boys' and youths'	1919	3,651,685	1,456,010	1,450,132	.....	745,543
	1914	4,010,136	766,833	3,038,025	.....	[3]205,278
Women's	1919	4,491,754	528,320	3,577,230	386,204	.....
	1914	3,773,648	31,284	3,466,958	275,406	.....
Misses' and children's	1919	3,143,790	214,731	[2]2,929,059	.....	.....
	1914	3,875,836	259,127	[3]3,616,709	.....	.....
Slippers and infants' shoes	1919	515,075	.....	.....	[4]515,075	.....
	1914	1,951,340	66,201	1,037,766	847,433	.....

[1] Exclusive of 311,793 pairs of canvas shoes manufactured during the year 1919.
[2] Includes "Stitch down" to avoid disclosure of individual operations.
[3] Includes "Turned," to avoid disclosure of individual operations.
[4] Includes "McKay," to avoid disclosure of individual operations.

Paper and wood pulp (Table 24).—This table shows the quantity and cost of the principal materials used and the quantity and value of the various products of the paper and pulp mills of New Hampshire as reported at the censuses of 1919, 1914, and 1909. The table also gives the number and daily capacity of the paper machines used and the yearly capacity of both pulp and paper mills.

The statistics for the paper and wood-pulp industry include establishments making both paper and pulp, those making paper only, and those making pulp only. In determining the cost of materials for the entire industry the cost of materials as reported by the three classes are combined. Similarly, the value of products for the industry as a whole is obtained by combining the totals for the three classes of establishments. There is, therefore, considerable duplication, as undoubtedly a large part of the wood pulp purchased is duplicated in the cost of pulp wood; while wood pulp produced for sale is again included to a considerable extent as a finished product in the value of paper manufactured.

Of the total quantity of pulp wood consumed in 1919, spruce represented 70 per cent; balsam fir, 24.6 per cent; and other woods including slabs and other mill waste, 5.4 per cent. The item "All other materials" includes cost of fuel and rent of power to the amount of $2,734,049, and in addition, the cost of all paper stocks other than wood pulp, sizing, and chemicals, other than sulphur.

The predominating item included in "All other products," in 1919 and 1914, is wood pulp produced for sale or for use in establishments other than where manufactured. The value of hanging, poster, novel, tablet, and lining paper is also included in this item, as these figures could not be published separately without disclosing the operations of individual establishments.

TABLE 24.—PAPER AND WOOD PULP: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$24,833,996	$12,537,076	$9,253,369
Pulp wood:			
Cords	375,597	381,958	349,997
Cost	$7,297,625	$4,418,756	$3,222,871
Wood pulp, purchased, total:			
Tons	100,975	92,483	75,127
Cost	$7,941,505	$2,966,426	$2,248,190
Ground—			
Tons	14,779	27,442	31,407
Cost	$520,837	$534,297	$611,251
Sulphite fiber—			
Tons	29,221	29,054	39,599
Cost	$2,745,156	$1,126,222	$1,452,253
Sulphate fiber—			
Tons	53,376	(1)	(1)
Cost	$4,370,239	(1)	(1)
Other chemical fiber—			
Tons	3,599	35,987	4,121
Cost	$305,273	$1,305,907	$184,686
Bleaching powder:			
Tons	20,731	(2)	(2)
Cost	$674,467	(2)	(2)
Sulphur:			
Tons	26,227	(1)	(1)
Cost	$800,677	(1)	(1)
All other materials, cost	$8,119,722	$5,151,894	$3,782,308
PRODUCTS.			
Total value	$41,825,551	$17,708,138	$13,994,251
Newspaper in rolls or sheets:			
Tons	28,950	(3)	(3)
Value	$2,281,032	(3)	(3)
Book paper:			
Tons	15,294	25,647	14,259
Value	$1,947,667	$1,759,050	$1,118,834
Fine paper:			
Tons	25,631	(3)	(3)
Value	$4,902,134	(3)	(3)
Wrapping paper, including bag paper:			
Tons	79,380	77,159	50,409
Value	$10,039,182	$4,147,737	$2,788,798
Boards:			
Tons	14,283	13,140	12,187
Value	$1,203,499	$582,422	$659,499
Tissue paper:			
Tons	12,915	11,469	8,737
Value	$2,262,486	$989,522	$755,015
All other products, value [4]	$19,189,551	$10,229,407	$8,672,105
Wood pulp produced, including that used in mills where manufactured, total tons	232,134	244,887	217,252
Ground, tons	41,192	63,883	83,565
Sulphite fiber, tons	181,390	171,530	133,687
Screenings, tons	9,552	9,474	(2)
EQUIPMENT.			
Paper machines:			
Fourdrinier—			
Number	35	33	29
Capacity, per 24 hours, tons	679	661	614
Cylinder—			
Number	19	26	29
Capacity, per 24 hours, tons	75	75	64
Yearly capacity of mills in pulp, tons	278,140	271,475	312,941
Yearly capacity of mills in paper, tons	238,710	225,365	221,907

[1] Included in "All other materials."
[2] Not reported separately.
[3] Included in "All other products."
[4] Includes wood pulp produced for sale or for use in establishments other than where manufactured.

Lumber and timber products (Table 25).—This table shows the principal products of the sawmills in the state for 1919, 1914, and 1909. This industry is one of the oldest as well as one of the most important in the state. The production of lumber, the chief forest product, apparently reached the peak in 1907, the reported cut for that year being 754,023,000 feet board measure. The cut for 1919 showed a decrease from that of 1907 of 415,246,000 feet, or 55.1 per cent.

White pine was the principal kind of wood cut into lumber in this state in 1919; the cut from this species being 176,012,000 feet board measure, or 52 per cent of the total. Spruce was next with 75,811,000 feet, or 22.4 per cent, hemlock following with 31,404,000 feet, or 9.3 per cent. The cut of balsam-fir lumber represented 4.7 per cent of the total and birch 3.6 per cent. Other important woods were maple, beech, and chestnut in the order of the quantity cut.

TABLE 25.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY.		
	1919	1914	1909
Lumber ... M feet b. m.	338,777	[1] 482,744	649,606
Lath ... thousands	6,656	(2)	26,873
Shingles ... thousands	3,386	(2)	30,132

[1] Data for custom mills not included in 1914. [2] Not reported.

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

TABLE 26.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919
	1919	1914	
Number of establishments	61	74	.....
Persons engaged	708	864	−18.1
Proprietors and firm members	71	86	.....
Salaried employees	21	18	.....
Wage earners (average number)	616	760	−18.9
Primary horsepower	1,302	1,269	2.6
Capital	$380,224	$440,499	−13.7
Salaries and wages	508,580	338,045	50.4
Salaries	21,703	13,291	63.3
Wages	486,877	324,754	49.9
Paid for contract work	5,004	334	1,398.2
Rent and taxes	21,543	23,195	−7.1
Cost of materials	254,386	132,476	92.0
Amount received for work done	968,856	728,733	33.0

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

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

	Number or amount.
Number of establishments	8
Persons engaged	62
Proprietors and firm members	13
Salaried employees	3
Wage earners (average number)	46
Primary horsepower	46
Capital	$24,923
Salaries and wages	42,044
Salaries	1,946
Wages	40,098
Paid for contract work	829
Rent and taxes	4,193
Cost of materials	19,769
Amount received for work done	111,359

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

Tables 28 and 29 summarize the statistics for custom 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 28.—CUSTOM SAWMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	36	42	.....
Persons engaged	59	94	.....
Proprietors and firm members	40	46	.....
Salaried employees	.....	1	.....
Wage earners (average number)	19	47	.....
Primary horsepower	1,640	1,970	−16.8
Capital	$67,909	$91,373	−25.7
Salaries and wages	15,560	21,976	−29.2
Salaries	.....	35	.....
Wages	15,560	21,941	−29.1
Rent and taxes	796	863	−7.8
Cost of materials	2,564	956	168.2
Amount received for work done	30,818	49,201	−37.4

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

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	12	25	.....
Persons engaged	21	38	.....
Proprietors and firm members	17	33	.....
Wage earners (average number)	4	5	.....
Primary horsepower	378	743	−49.1
Capital	$52,438	$37,176	41.1
Wages	4,940	1,819	171.6
Rent and taxes	907	464	95.5
Cost of materials [2]	59,389	63,972	−7.2
Value of products [2]	69,812	77,443	−9.9

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

Table 31 presents, for 1919, for the state and for Manchester, 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 seven cities in the state having from 10,000 to 50,000 inhabitants.

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

Industry and city.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries	1919	1,499	83,074	349,138	$79,326	$239,528	$407,205
	1914	1,736	78,993	344,093	40,642	114,993	182,844
	1909	1,961	78,658	293,991	36,200	98,157	164,581
Boots and shoes, including cut stock and findings.	1919	72	14,514	10,066	13,185	70,283	96,250
	1914	71	14,815	8,715	7,608	33,712	46,695
	1909	68	14,211	8,582	6,897	28,215	39,440
Boxes, paper and other, not elsewhere specified.	1919	8	240	270	170	322	692
	1914	8	127	85	46	90	180
	1909	12	168	142	65	138	273
Brass and bronze products	1919	6	106	134	104	189	478
	1914	5	53	146	30	50	99
	1909	5	56	123	29	45	102
Bread and other bakery products.	1919	127	471	488	502	2,848	4,069
	1914	152	480	361	292	983	1,676
	1909	157	454	185	249	1,055	1,683
Brick	1919	9	169	456	208	105	465
	1914	21	345	641	192	114	417
	1909	29	395	727	199	156	533
Butter	1919	14	12	91	13	321	391
	1914	20	42	298	26	529	637
	1909	29	50	492	31	709	807
Canning and preserving, vegetables.	1919	4	60	146	28	171	240
	1914	4	24	65	9	36	69
	1909	3	20	48	8	27	45
Clothing, men's	1919	8	322	105	$207	$1,202	$1,830
	1914	8	341	89	121	535	757
	1909	12	471	234	161	462	785
Clothing, women's	1919	5	157	325	112	364	597
	1914	4	197	118	87	200	379
	1909	8	241	134	75	255	396
Confectionery and ice cream	1919	22	60	132	49	252	411
	1914	17	40	74	24	99	165
Copper, tin, and sheet-iron work.	1919	8	29	14	34	104	212
	1914	5	12	4	7	44	70
	1909	7	22	43	13	26	66
Cotton goods, including cotton small wares.	1919	21	21,294	90,980	18,233	47,244	86,392
	1914	20	21,669	87,386	10,045	22,790	35,793
	1909	21	22,290	83,966	8,938	19,124	33,602
Cutlery and tools, not elsewhere specified.	1919	8	339	600	293	262	779
	1914	8	204	516	123	78	232
	1909	12	268	470	146	99	328
Electrical machinery, apparatus, and supplies.	1919	7	425	571	360	643	1,464
	1914	6	228	392	122	165	352
	1909	6	193	422	87	155	388
Flour-mill and gristmill products.	1919	48	83	2,942	96	2,926	3,891
	1914	79	144	4,597	89	2,422	2,734
	1909	105	116	5,502	62	2,809	3,187

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

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

Industry and city.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
Foundry and machine-shop products.[1]	1919	125	3,909	7,058	$4,320	$6,513	$16,961
	1914	80	2,647	4,447	1,639	2,044	5,325
	1909	81	2,396	3,782	1,394	1,699	4,947
Furniture	1919	19	627	2,170	503	1,057	2,439
	1914	26	745	2,984	414	723	1,554
	1909	26	823	2,695	388	696	1,544
Gas, illuminating and heating	1919	13	209	298	228	529	1,195
	1914	14	244	513	147	324	842
	1909	14	247	220	106	180	581
Knit goods	1919	16	2,979	2,731	1,983	5,118	9,016
	1914	20	3,328	2,722	1,303	2,379	4,283
	1909	21	3,129	2,315	1,143	2,636	4,764
Leather, tanned, curried, and finished.	1919	7	709	4,750	754	5,966	7,309
	1914	8	452	3,174	263	2,251	2,864
Lumber and timber products[2]	1919	393	7,131	37,437	6,949	11,654	24,210
	1914	515	7,275	45,283	3,850	8,430	16,554
	1909	589	8,464	44,593	3,924	7,263	15,284
Marble and stone work	1919	70	776	4,975	993	419	2,131
	1914	85	1,176	5,726	928	395	1,804
	1909	99	1,527	3,620	1,062	298	1,818
Mineral and soda waters	1919	31	85	225	81	273	571
	1914	28	47	140	25	61	140
	1909	28	54	101	30	70	175
Needles, pins, and hooks and eyes.	1919	9	983	459	824	155	1,705
	1914	6	366	247	159	47	260
	1909	7	438	217	171	38	275
Paper and wood pulp	1919	27	5,000	123,929	6,546	24,834	41,826
	1914	30	3,905	118,123	2,513	12,537	17,708
	1909	34	3,413	79,912	2,106	9,253	13,994
Printing and publishing[3]	1919	128	797	863	$893	$734	$2,455
	1914	136	709	826	450	364	1,449
	1909	143	677	1,865	356	259	1,131
Sausage, not made in slaughtering and meat-packing establishments.	1919	11	22	100	20	179	232
	1914	6	10	59	8	66	82
	1909	4	15	59	9	100	121
Tobacco, cigars	1919	19	1,059	16	1,262	1,727	4,013
	1914	36	1,058	6	798	1,216	2,390
	1909	51	571	5	376	676	1,250
Toys and games	1919	10	208	528	154	173	517
	1914	7	114	201	50	71	175
	1909	9	101	192	42	53	149
Upholstering materials	1919	7	91	855	86	201	401
	1914	9	137	1,933	72	212	324
	1909	11	139	1,558	61	136	245
Wood, turned and carved	1919	16	237	1,216	177	213	514
	1914	24	666	2,739	308	505	971
	1909	29	637	2,327	243	306	721
Wooden goods, not elsewhere specified.	1919	5	158	1,335	131	166	385
	1914	11	281	1,705	143	186	399
	1909	14	180	1,246	77	53	184
Woolen and worsted goods	1919	44	9,772	33,119	9,549	26,479	45,944
	1914	40	9,532	30,392	4,211	10,087	15,039
	1909	39	9,486	30,485	3,649	11,095	16,731
All other industries	1919	182	10,041	19,754	10,279	25,902	47,711
	1914	227	7,580	19,386	4,540	11,248	20,396
	1909	288	7,406	17,729	4,103	10,071	19,032

[1] Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "hardware, saddlery"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; and "textile machinery and parts" in all years; "structural ironwork, not made in steel works or rolling mills" in 1919; and "steam fittings and steam and hot-water heating apparatus" in 1914 and 1909.
[2] Includes "boxes, wooden packing, except cigar boxes;" "lumber, planing-mill products, not including planing mills connected with sawmills"; and "pulpwood" in all years; and "window and door screens and weather strips" in 1914 and 1909.
[3] Includes "bookbinding and blank-book making" in 1914 and 1909.

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

Industry and city.	Census year.	Number of establishments	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
Manchester All industries.	1919	165	25,512	54,735	$22.585	$71,788	$117,493
	1914	151	25,843	63,481	12,510	33,707	50,800
	1909	175	24,735	61,796	10,444	30,497	46,812
Boots and shoes, including cut stock and findings.	1919	19	6,406	4,527	6,163	38,238	50,424
	1914	13	5,292	2,742	2,753	14,416	18,801
	1909	14	4,896	2,294	2,323	13,327	17,647
Bread and other bakery products.	1919	28	117	89	159	859	1,224
	1914	28	135	79	82	269	470
	1909	36	125	31	65	256	410
Confectionery and ice cream	1919	5	12	32	12	82	137
	1914	3	8	24	4	22	36
Lumber and timber products[1]	1919	7	464	1,540	$440	$1,208	$2,167
	1914	8	350	1,315	216	819	1,229
	1909	11	366	1,430	198	755	1,082
Printing and publishing	1919	23	171	147	183	239	731
	1914	22	157	202	118	82	438
	1909	21	151	118	88	74	331
Tobacco, cigars	1919	8	1,019	14	1,228	1,696	3,915
	1914	15	992	5	768	1,165	2,276
	1909	18	493	5	335	621	1,111
All other industries	1919	75	17,323	48,386	14,400	29,466	58,895
	1914	62	18,909	59,114	8,575	17,024	27,550
	1909	75	18,704	57,918	7,435	15,464	26,231

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.)	Cost of materials. (Expressed in thousands.)	Value of products. (Expressed in thousands.)
BERLIN	1919	25	4,236	90,559	$5,371	$17,339	$30,653
	1914	19	2,680	77,411	1,974	8,845	13,090
	1909	20	2,477	50,837	1,405	5,667	8,775
CONCORD	1919	76	2,444	7,296	2,813	6,675	12,442
	1914	86	2,856	7,122	1,956	3,712	6,744
	1909	111	2,693	6,381	1,641	3,546	6,476
DOVER	1919	39	2,334	8,400	2,488	8,444	13,935
	1914	58	2,483	8,503	1,219	3,657	5,682
	1909	51	3,030	10,395	1,486	3,236	6,370
KEENE	1919	64	2,185	4,770	1,964	4,339	8,514
	1914	68	2,068	4,865	1,153	1,921	3,918
	1909	64	1,769	5,158	973	1,837	3,483
LACONIA	1919	32	2,579	3,276	$2,296	$5,994	$11,848
	1914	55	2,621	2,949	1,417	1,841	4,497
	1909	55	2,235	2,609	1,030	2,095	4,001
NASHUA	1919	92	8,264	32,683	7,798	31,955	48,985
	1914	87	7,382	23,364	3,622	16,100	22,780
	1909	104	7,265	17,567	3,112	10,379	17,326
PORTSMOUTH	1919	39	3,191	2,733	3,433	5,947	14,061
	1914	39	1,090	2,009	665	1,847	3,924
	1909	36	992	1,800	500	1,361	2,871

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

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED 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.
1	All industries	1,499	90,332	1,426	2,310	1,669	1,853	83,074	De 89,224	Ap 78,849	(3)	(3)	(3)	(3)	(3)	Dollars. 329,166,870
2	Artificial limbs	4	29	3	4	.....	1	21	Fe 24	Ap [4] 19	21	18	3	.....	.....	67,135
3	Artificial stone products	5	15	8	.....	.....	1	6	Mh [4] 7	Ja [4] 1	8	8	.....	.....	.....	34,778
4	Automobile bodies and parts	4	7	3	.....	.....	.....	4	(5) 4	(5) 4	4	4	.....	.....	.....	17,828
5	Automobile repairing	48	232	52	9	4	10	157	Au 192	Ja 121	163	161	2	.....	.....	371,782
6	Awnings, tents, and sails	3	6	3	.....	.....	.....	3	(5) 3	(5) 3	3	3	.....	.....	.....	4,561
7	Boot and shoe cut stock and findings	20	2,724	29	141	78	298	2,178	De 2,404	Mh 1,928	2,406	1,565	833	5	3	8,342,733
8	Boots and shoes	52	13,384	26	444	197	381	12,336	De 13,849	My 11,300	13,739	8,308	5,173	168	90	26,395,880
9	Boxes, paper and other, not elsewhere specified.	8	266	6	12	.....	8	240	.....	.....	279	157	95	3	24	293,325
10	Shipping containers	5	187	5	9	.....	6	167	De 212	Mh 140	206	131	67	3	5	248,018
11	Set-up paper boxes	3	79	1	3	.....	2	73	(5) 73	(5) 73	73	26	28	.....	19	45,307
12	Boxes, wooden packing, except cigar boxes.	33	1,782	19	65	38	29	1,631	De 1,833	Jy 1,541	1,835	1,666	168	1	.....	5,488,957
13	Brass and bronze products	6	122	4	10	1	1	106	De 117	Je 96	116	113	3	.....	.....	368,712
14	Bread and other bakery products	127	704	157	14	29	33	471	Au [4] 492	Mh 446	505	400	99	2	4	1,010,051
15	Brick	9	197	6	13	6	3	169	My 335	Ja 42	163	160	1	2	.....	361,688
16	Brooms, from broom corn	4	10	3	1	.....	.....	6	No 12	Ja [4] 3	11	11	.....	.....	.....	10,907
17	Butter	14	28	15	1	.....	.....	12	My [4] 13	Mh [4] 11	12	12	.....	.....	.....	70,867
18	Canning and preserving, vegetables	4	75	.....	8	3	4	60	Se 179	Fe [4] 2	169	107	62	.....	.....	85,183
19	Carriages and wagons, including repairs	10	95	13	3	2	1	76	Ap 79	De 73	75	75	.....	.....	.....	196,766
20	Cars and general shop construction and repairs by electric-railroad companies.	7	79	.....	2	1	.....	76	Je 79	Ap 73	75	75	.....	.....	.....	244,274
21	Clothing, men's	8	388	10	13	30	13	322	De 354	Mh 300	355	40	314	1	.....	1,112,424
22	Clothing, women's	5	188	3	9	14	5	157	De 181	Ja 138	181	20	161	.....	.....	405,574
23	Confectionery and ice cream	22	108	30	7	5	6	60	.....	.....	67	43	23	.....	1	224,404
24	Confectionery	6	28	5	3	2	3	15	Oc 31	Mh [4] 3	30	16	13	.....	1	71,205
25	Ice cream	16	80	25	4	3	3	45	Jy [4] 59	No [4] 36	37	27	10	.....	.....	153,199
26	Copper, tin, and sheet-iron work	8	45	8	5	1	2	29	Ja [4] 31	Mh [4] 27	28	28	.....	.....	.....	92,325
27	Cotton goods	16	21,688	2	207	164	132	21,183	Se 21,753	Ja 20,421	21,637	11,568	9,788	155	126	83,219,151
28	Cotton small wares	5	126	8	3	1	3	111	Au 132	Fe 63	123	54	65	2	2	327,752
29	Cutlery and edge tools	4	307	.....	13	7	7	280	No 305	Ja 259	314	281	30	2	1	567,222
30	Electrical machinery, apparatus, and supplies.	7	461	1	25	2	8	425	De 530	Fe 384	530	290	240	.....	.....	920,294
31	Flavoring extracts	4	8	3	.....	1	.....	4	(5) 4	(5) 4	4	3	1	.....	.....	7,115
32	Flour-mill and gristmill products	48	160	60	6	9	2	83	De 96	Je 75	97	97	.....	.....	.....	1,419,428
33	Foundry and machine-shop products	53	2,689	36	104	125	133	2,291	.....	.....	2,531	2,428	101	2	.....	9,139,495
34	Foundries	9	347	9	13	7	6	312	No 347	My 283	340	336	2	2	.....	673,030
35	Machine shops	38	1,964	26	70	101	120	1,647	De 1,802	Je 1,498	1,807	1,708	99	.....	.....	7,567,244
36	Machine shop and foundry combined.	6	378	1	21	17	7	332	De 386	Au 232	384	384	.....	.....	.....	899,221
37	Furniture	19	723	19	40	20	17	627	De 673	Jy 570	673	662	7	4	.....	1,774,938
38	Gas, illuminating and heating	13	302	.....	33	35	25	209	Se 227	Ja 190	219	212	7	.....	.....	3,551,515
39	Knit goods	16	3,098	9	67	16	27	2,979	De 3,229	Jy 2,648	3,229	969	2,183	36	41	7,349,092
40	Leather, tanned, curried, and finished.	7	830	.....	46	35	40	709	De 968	Mh 582	968	906	61	1	.....	4,188,458
41	Lumber and timber products	327	5,527	377	106	37	31	4,976	No 6,174	Jy 3,091	7,110	7,088	14	8	.....	13,898,556
42	Lumber, planing-mill products, not including planing mills connected with sawmills.	33	602	34	15	15	14	524	De 631	Ap 451	629	621	4	4	.....	1,573,972
43	Marble and stone work	70	924	95	34	11	8	776	.....	.....	879	877	.....	2	.....	1,815,053
44	Monuments and tombstones	47	274	65	7	5	3	194	Au 209	Ja [4] 174	197	196	.....	1	.....	365,027
45	Other marble and stone work, except slate.	23	650	30	27	6	5	582	Oc 769	Ja 262	682	681	.....	1	.....	1,450,026
46	Mineral and soda waters	31	155	38	13	11	8	85	Je 142	Ja 52	65	63	2	.....	.....	668,708
47	Needles, pins, and hooks and eyes	9	1,021	4	17	7	10	983	De 1,086	Ap 913	1,092	435	649	4	4	1,189,174
48	Paper and wood pulp	27	5,338	12	107	167	52	5,000	.....	.....	5,135	4,968	160	4	3	51,603,019
49	Paper exclusively	20	872	12	60	25	16	759	De 844	Fe 639	842	764	72	3	3	5,767,985
50	Paper and pulp	7	4,466	.....	47	142	36	4,241	No 4,818	Mh 3,800	4,203	4,204	88	1	.....	45,835,034
51	Patent medicines and compounds	6	19	3	4	.....	1	11	Jy [4] 12	Ja [4] 10	9	6	3	.....	.....	42,963
52	Printing and publishing, book and job.	63	459	63	16	6	13	361	De 411	Ja 338	411	277	134	.....	.....	662,620
53	Printing and publishing, newspapers and periodicals.	65	630	48	47	46	53	436	.....	.....	426	288	102	36	.....	958,268
54	Printing and publishing	6	180	1	16	32	29	107	No [4] 113	Ja 101	111	97	14	.....	.....	254,317
55	Printing, publishing, and job printing.	48	441	43	27	14	24	328	De 339	Je 311	314	190	88	36	.....	691,931
56	Publishing without printing	11	9	4	4	.....	.....	1	(5) 1	(5) 1	1	1	.....	.....	.....	12,020

[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]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
7,863,707	5,348,695	79,326,341	2,417,380	420,772	14,800,993	231,599,446	7,928,171	407,204,934	167,677,317	349,138	95,358	51,882	1,676	115,375	84,847	67,117	1
3,670	250	13,607	.....	.....	961	16,501	451	45,082	28,130	196	25	.....	28	143	.....	.....	2
.....	580	7,241	.....	.....	234	12,605	1,152	39,779	25,962	32	25	.....	7	.....	.....	.....	3
.....	.....	3,131	.....	196	338	3,214	567	11,175	7,394	27	.....	.....	.....	.....	27	.....	4
9,106	9,740	189,728	.....	20,801	3,863	323,414	11,515	682,679	347,750	220	.....	.....	20	35	165	.....	5
.....	.....	3,600	.....	560	59	6,545	72	15,569	8,952	2	.....	.....	.....	.....	2	.....	6
467,091	319,580	2,011,901	1,081	10,859	93,651	19,157,763	69,857	22,388,515	3,160,955	2,389	360	100	.....	125	1,804	180	7
1,466,555	770,697	11,173,077	5,448	71,425	931,584	50,796,069	259,431	73,870,588	22,815,088	7,677	3,425	383	15	490	3,364	1,437	8
35,446	5,439	169,868	.....	5,782	8,536	315,366	6,529	691,832	369,937	270	108	.....	.....	.....	162	.....	9
24,726	3,867	130,050	.....	4,760	5,575	264,904	4,096	560,816	291,816	243	108	.....	.....	.....	135	.....	10
10,720	1,572	39,818	.....	1,022	2,961	50,462	2,433	131,016	78,121	27	.....	.....	.....	.....	27	.....	11
194,690	88,173	1,464,444	6,435	10,051	260,651	4,261,950	22,831	7,080,559	2,795,778	7,514	5,474	.....	27	539	1,474	1,767	12
26,790	2,500	104,307	.....	13,024	31,998	174,191	15,015	478,020	288,814	134	125	.....	.....	.....	9	.....	13
16,164	50,396	501,972	8,857	46,481	11,590	2,764,777	82,916	4,069,425	1,221,732	488	.....	.....	73	.....	415	.....	14
34,290	13,481	207,631	.....	4,609	4,300	19,850	85,554	465,204	359,800	456	315	.....	41	.....	100	.....	15
600	.....	4,960	.....	360	101	7,913	172	13,267	5,182	6	.....	.....	.....	.....	6	.....	16
2,961	169	12,940	198	350	912	317,403	3,317	391,297	70,577	91	62	.....	10	1	18	.....	17
12,780	5,120	28,444	.....	795	1,600	167,902	2,801	240,285	69,582	146	118	.....	5	.....	23	.....	18
5,700	3,048	60,319	.....	1,470	2,150	54,857	4,712	191,936	132,367	366	135	.....	39	22	170	.....	19
3,636	1,735	98,196	1,917	.....	2,300	74,961	6,108	188,853	107,784	76	.....	.....	.....	.....	76	.....	20
36,760	89,031	206,994	.....	871	7,502	1,195,152	6,545	1,829,585	627,888	105	.....	.....	.....	21	84	5	21
17,886	50,421	111,944	.....	940	4,241	358,295	5,330	597,123	233,498	325	35	.....	.....	.....	290	.....	22
6,726	8,610	48,792	.....	8,376	2,914	245,599	5,954	410,799	159,246	132	.....	.....	15	.....	117	.....	23
2,966	2,950	7,468	.....	2,586	1,388	30,722	555	62,406	31,129	5	.....	.....	.....	.....	5	.....	24
3,760	5,660	41,324	.....	5,790	1,526	214,877	5,399	348,393	128,117	127	.....	.....	15	.....	112	.....	25
9,139	2,797	34,165	.....	2,468	657	103,216	964	212,328	108,148	14	.....	.....	.....	.....	14	.....	26
835,611	370,942	18,136,068	41,743	6,097	5,273,081	45,152,817	1,845,321	85,986,158	38,988,020	90,895	21,185	29,042	.....	23,289	17,379	30,881	27
4,880	4,325	97,275	.....	2,175	4,226	238,956	6,429	405,537	160,152	85	.....	.....	10	45	30	4	28
30,862	11,364	241,933	32	.....	13,343	154,048	12,241	563,946	397,657	530	.....	.....	.....	337	193	70	29
93,912	22,624	359,801	.....	3,395	20,481	634,667	8,036	1,463,679	820,976	571	45	15	38	240	233	.....	30
.....	200	5,716	.....	620	73	19,440	44	32,130	12,646	.....	.....	.....	.....	.....	.....	.....	31
29,400	19,206	95,539	600	1,312	53,955	2,914,745	11,569	3,391,346	465,032	2,942	665	.....	169	1,434	674	30	32
346,106	294,897	2,573,218	13,746	17,916	915,003	3,159,333	123,132	8,795,111	5,512,646	4,797	1,967	40	54	709	2,027	146	33
75,802	23,590	366,644	459	1,500	20,791	299,719	19,992	966,261	586,550	289	90	.....	5	40	154	.....	34
197,278	236,182	1,833,372	7,090	12,876	850,031	2,415,388	81,142	6,621,304	4,124,774	4,036	1,552	40	49	669	1,726	28	35
73,026	35,125	378,202	6,197	3,540	44,181	444,226	21,998	1,267,546	801,322	472	325	.....	.....	.....	147	118	36
133,829	35,082	502,553	16,166	16,249	108,849	1,038,560	18,151	2,438,781	1,382,070	2,170	1,249	.....	.....	275	646	328	37
53,932	49,912	227,764	.....	1,468	74,586	102,684	426,335	1,194,779	665,760	298	217	.....	.....	.....	81	.....	38
264,912	119,812	1,982,887	133,367	2,838	522,093	5,047,034	71,029	9,015,583	3,897,520	2,731	460	100	.....	1,724	447	322	39
100,755	89,371	754,295	308	1,300	89,361	5,849,472	116,953	7,309,472	1,343,047	4,750	835	.....	.....	200	3,715	1	40
231,993	70,989	5,002,588	1,535,622	6,014	247,192	6,080,002	34,695	14,992,066	8,877,369	27,784	17,992	160	876	7,831	925	3,650	41
90,760	40,049	481,662	.....	8,740	36,929	1,246,712	7,793	2,136,905	882,400	2,139	1,715	.....	23	102	299	.....	42
67,820	24,224	992,844	45,488	6,977	13,390	338,651	80,431	2,130,643	1,711,561	4,975	2,446	.....	71	40	2,418	.....	43
8,233	7,899	259,558	6,968	5,577	2,315	224,388	19,868	709,259	465,003	919	.....	.....	59	40	820	.....	44
59,587	16,325	733,286	38,520	1,400	11,075	114,263	60,563	1,421,384	1,246,558	4,056	2,446	.....	12	.....	1,598	.....	45
25,505	22,230	80,845	.....	7,857	27,502	266,533	6,680	570,680	297,467	225	12	.....	14	.....	199	.....	46
53,304	20,595	823,628	6,620	12,781	327,879	139,053	16,210	1,704,998	1,549,735	459	25	15	.....	160	259	.....	47
662,820	852,405	6,545,865	9,145	5,239	1,555,267	22,099,947	2,734,049	41,825,551	16,991,555	128,929	14,195	12,917	.....	59,516	37,301	12,991	48
227,965	81,096	885,443	.....	525	219,624	4,484,290	479,799	7,578,106	2,614,017	15,202	5,420	2,417	.....	7,085	280	3,775	49
434,855	771,309	5,660,422	9,145	4,714	1,335,643	17,615,657	2,254,250	34,247,445	14,377,538	108,727	8,775	10,500	.....	52,431	37,021	9,216	50
6,038	1,752	9,349	3,309	1,700	1,305	17,462	1,554	59,760	40,744	5	.....	.....	.....	.....	5	.....	51
33,004	21,231	339,958	1,994	19,084	18,287	265,061	11,890	1,030,955	754,004	341	.....	.....	2	8	331	.....	52
100,778	86,302	553,320	38,502	22,452	18,565	433,524	23,085	1,423,983	967,374	522	.....	.....	6	50	466	.....	53
47,569	53,524	120,206	.....	6,844	10,584	192,311	3,790	548,348	352,247	100	.....	.....	.....	.....	100	.....	54
51,409	32,778	432,259	7,072	14,747	7,943	235,409	19,145	813,680	559,126	421	.....	.....	6	50	365	.....	55
1,800	.....	855	31,430	861	38	5,804	150	61,955	56,001	1	.....	.....	.....	.....	1	.....	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 31.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments.	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Number, 15th day of— Maximum month.	Wage earners. Number, 15th day of— Minimum month.	Wage earners dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Sausage, not made in slaughtering and meat-packing establishments.	11	39	13	2	2	.....	22	Ja [2] 25	Au 18	25	23	1	1	.....	50,054
2	Textile machinery and parts	11	1,194	6	27	18	34	1,109	De 1,248	Mh 1,007	1,247	1,138	108	1	.....	5,131,758
3	Tobacco, cigars	19	1,108	28	8	10	3	1,059	No 1,293	Au 79	1,231	962	263	3	3	2,139,159
4	Tools, not elsewhere specified	4	67	6	.....	2	.....	59	No [3] 64	Jy 52	65	47	17	1	.....	77,670
5	Toys and games	10	241	15	9	3	6	208	De 256	Ja 149	256	165	82	5	4	391,550
6	Upholstering materials, excelsior	7	101	6	3	1	.....	91	Oc [3] 94	Mh 88	93	93	.....	.....	.....	503,446
7	Vinegar and cider	14	23	19	.....	.....	.....	4	Oc 20	Ja [4] 0	20	20	.....	.....	.....	14,725
8	Wood, turned and carved	16	278	20	14	2	5	237	De 281	Mh 210	279	233	46	.....	.....	368,736
9	Wooden goods, not elsewhere specified	5	170	3	4	3	2	158	Ap [3] 174	Jy 142	174	157	9	8	.....	341,995
10	Woolen goods	39	5,609	11	177	44	60	5,317	De 6,038	Fe 4,073	6,041	4,308	1,722	8	3	23,122,089
11	Worsted goods	5	4,570	4	49	42	20	4,455	Se 4,718	Ja 4,125	4,695	2,409	2,193	42	51	21,601,514
12	All other industries *	134	11,381	85	353	418	343	10,182	.....	.....	.....	.....	.....	.....	.....	45,346,627

* All other industries embrace—

Agricultural implements 2
Asbestos products, not including steam packing 4
Automobiles 1
Baskets, and rattan and willow ware 3
Belting, leather 1
Belting, woven, other than rubber 1
Blacking, stains, and dressings 2
Bookbinding and blank-book making 2
Boxes, cigar 1
Brushes 3
Buttons 1
Carpets, rag 2
Carriage and wagon materials 3
Cars and general shop construction and repairs by steam-railroad companies 3
Cars, steam-railroad, not including operations of railroad companies 1
Cheese 1
Cleansing and polishing preparations 4
Coffee, roasting and grinding 2
Coffins, burial cases, and undertakers' goods 1
Condensed milk 1
Cooperage 6
Cordage and twine 1
Cotton lace 2
Dairymen's and poultrymen's supplies 1
Druggists' preparations 3
Dyeing and finishing textiles, exclusive of that done in textile mills 1
Electroplating 1
Engines, steam, gas, and water 2
Fancy articles, celluloid novelties 1
Files 1
Food preparations, not elsewhere specified 2
Gloves and mittens, cloth, not including gloves made in textile mills 1
Gloves and mittens, leather 2
Glue, other than fish 1
Grease and tallow, not including lubricating greases 2
Hand stamps 2
Hardware 3
Hardware, saddlery 1
Hats, fur-felt 1

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

1	**MANCHESTER**—All industries	165	27,350	148	616	432	642	25,512	De 27,356	Ap 24,004	27,230	15,839	10,989	251	151	101,098,956
2	Automobile repairing	11	71	8	6	1	5	51	Jy [3] 55	Ja 45	52	52	.....	.....	.....	101,858
3	Boots and shoes, including cut stock and findings.	19	7,287	6	302	148	425	6,406	De 7,347	My 5,473	7,217	4,476	2,571	108	62	16,982,366
4	Boxes, wooden packing, except cigar boxes.	4	353	3	10	8	3	329	No 347	Je 308	340	328	12	.....	.....	781,284
5	Bread and other bakery products	28	175	39	2	3	14	117	De 121	Ap 114	118	113	4	.....	1	260,925
6	Confectionery and ice cream	5	20	4	2	.....	2	12	Je [3] 16	Ja [3] 8	11	10	1	.....	.....	58,353
7	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	146	2	2	6	1	135	Ja [3] 136	Au 131	136	136	.....	.....	.....	497,465
8	Marble and stone work	6	38	8	2	3	2	23	Je [3] 29	Ja 16	23	23	.....	.....	.....	132,162
9	Mineral and carbonated waters	5	20	6	1	.....	1	12	Jy [3] 17	De 8	10	10	.....	.....	.....	32,903
10	Printing and publishing, book and job.	15	87	13	4	.....	4	66	No 72	Oc 61	71	51	20	.....	.....	106,624
11	Printing and publishing, newspapers and periodicals.	8	180	3	17	32	23	105	My [3] 106	Ja [3] 103	106	92	14	.....	.....	258,381
12	Sausage, not made in slaughtering and meat-packing establishments.	4	20	5	1	2	.....	12	([5]) 12	([5]) 12	12	12	.....	.....	.....	30,256
13	Tobacco, cigars	8	1,055	15	8	10	3	1,019	No 1,248	Au 35	1,190	928	259	3	.....	2,108,659
14	All other industries *	49	17,898	36	259	219	159	17,225	.....	.....	17,944	9,608	8,108	140	88	79,747,720

*All other industries embrace—

Artificial stone products 1
Blacking, stains, and dressings 1
Boxes, cigar 1
Boxes, paper and other, not elsewhere specified 2
Brooms, from broom corn 2
Brushes 1
Carpets, rag 1
Carriages and wagons, including repairs 2
Cars and general shop construction and repairs by electric-railroad companies 1
Clothing, women's 2
Coffee, roasting and grinding 2
Copper, tin, and sheet-iron work 2
Cotton goods 2
Cotton lace 1
Electroplating 1
Flavoring extracts 1

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

BERLIN	25	4,407	25	25	105	16	4,236	Jy 4,892	Ja 3,544	4,658	4,592	62	1	3	39,300,580
CONCORD	76	2,813	70	122	106	71	2,444	De 2,657	Ja 2,239	2,659	2,285	327	43	4	8,693,982
DOVER	39	2,527	34	57	55	47	2,334	Jy 2,433	Oc 2,229	2,435	1,475	950	1	9	14,659,797
KEENE	64	2,530	51	132	83	79	2,185	De 2,529	Ja 1,946	2,510	1,828	662	14	6	6,535,948
LACONIA	32	2,754	25	58	43	49	2,579	Se 2,763	Ap 2,222	2,690	1,672	984	10	24	8,737,943
NASHUA	92	9,057	76	239	212	266	8,264	De 8,668	My 7,944	8,662	5,797	2,809	29	27	15,918,377
PORTSMOUTH	39	3,334	40	40	32	31	3,191	Jy 3,560	Ja 2,871	3,378	3,007	309	1	1	18,203,090

[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.

EXPENSE.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
3,410	2,964	20,142	.....	624	877	175,376	3,794	232,152	52,982	100	.....	.....	.....	.....	100	.....	1
149,910	81,551	1,164,246	.....	405	634,738	2,422,224	47,168	6,222,552	3,753,160	1,313	526	.....	.....	164	623	3	2
23,360	10,558	1,261,977	125	4,981	328,399	1,721,419	5,407	4,013,190	2,286,364	16	.....	.....	.....	.....	16	.....	3
.....	3,250	51,118	763	1,600	952	92,865	2,632	214,607	119,110	70	.....	.....	25	15	30	.....	4
8,500	6,876	154,459	350	600	2,645	168,090	5,343	516,846	343,413	528	145	.....	15	206	162	.....	5
29,403	4,665	85,764	.....	2,820	12,504	179,279	21,300	401,480	200,901	855	225	.....	.....	535	95	.....	6
.....	.....	3,352	.....	30	398	41,060	811	57,590	15,719	165	25	.....	52	40	48	.....	7
21,731	6,076	177,399	651	7,273	3,304	207,764	4,976	513,833	301,093	1,216	675	.....	8	365	168	137	8
18,418	6,473	131,215	2,744	100	13,305	157,889	8,284	385,315	219,142	1,335	600	.....	.....	140	595	.....	9
732,989	146,156	5,862,151	11,958	3,552	1,187,603	18,176,812	519,859	31,245,162	12,548,491	17,379	7,047	.....	5	8,686	1,641	2,016	10
200,756	87,055	3,687,262	.....	.....	870,849	7,414,781	367,784	14,698,831	6,916,266	15,740	2,900	8,350	.....	4,300	190	9,000	11
1,265,019	1,413,792	10,462,887	530,211	55,155	1,053,910	25,265,643	793,393	48,317,413	22,258,377	19,607	10,000	760	28	3,588	5,231	4,149	12

Hones and whetstones..... 2
Instruments, medical and surgical... 1
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills..... 1
Iron and steel, welding..... 1
Jewelry..... 1
Jewelry and instrument cases..... 1
Jute goods..... 1
Labels and tags..... 1
Lasts..... 2
Leather goods, not elsewhere specified 2
Linen goods..... 2
Looking-glass and picture frames.... 1
Machine tools..... 3
Mattresses and spring beds, not elsewhere specified..... 2
Millinery and lace goods, embroideries 1
Minerals and earths, ground or otherwise treated..... 2
Musical instruments, piano materials. 1
Optical goods..... 1
Paper goods, not elsewhere specified.. 3
Perfumery and cosmetics..... 1
Pickles and preserves..... 1
Plumbers' supplies, not elsewhere specified..... 1
Pottery, chinaware..... 1
Pulp goods..... 2
Pumps, not including power pumps.. 1
Refrigerators..... 1
Saddlery and harness..... 2
Saws..... 2
Shipbuilding, steel..... 1
Shipbuilding, wooden, including boat building..... 1
Shirts..... 1
Show cases..... 1
Silk goods..... 2
Silversmithing and silverware..... 1
Smelting and refining, not from the ore..... 1
Soap..... 2
Sporting and athletic goods..... 1
Stamped ware, not elsewhere specified 1
Structural ironwork, not made in steel works or rolling mills..... 2
Surgical appliances..... 1
Waste..... 1
Window and door screens..... 2
Wirework, not elsewhere specified... 2

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

1,855,357	1,195,317	22,584,641	9,675	140,474	4,033,966	70,011,482	1,776,043	117,493,082	45,705,557	54,735	13,978	24,120	13	6,892	9,732	30,465	1
6,887	5,054	59,721	.....	10,830	1,148	206,429	3,254	347,288	137,605	59	.....	.....	2	.....	57	.....	2
804,917	560,186	6,162,832	1,081	47,925	402,101	38,100,284	137,787	50,423,909	12,185,838	4,527	475	.....	.....	.....	4,052	.....	3
35,765	16,579	324,301	.....	4,411	18,858	823,267	2,538	1,596,254	770,449	1,130	875	.....	.....	.....	255	355	4
2,536	12,021	158,726	.....	21,215	2,763	839,031	20,286	1,224,267	364,950	89	.....	.....	.....	.....	89	.....	5
1,560	2,360	12,020	.....	2,329	121	80,196	1,958	136,540	54,386	32	.....	.....	.....	.....	32	.....	6
11,300	8,853	116,039	.....	.....	7,129	381,971	.....	570,407	188,436	410	410	.....	.....	.....	.....	.....	7
3,053	5,962	27,557	.....	1,245	556	25,810	2,660	94,666	66,196	116	40	.....	6	.....	70	.....	8
2,080	520	10,448	.....	2,885	2,578	28,540	945	62,471	32,986	9	.....	.....	.....	.....	9	.....	9
12,861	2,773	55,009	.....	7,176	819	39,931	1,861	164,371	122,579	45	.....	.....	.....	.....	45	.....	10
53,513	52,481	127,786	8,195	7,634	10,207	193,652	3,989	566,388	368,747	102	.....	.....	.....	.....	102	.....	11
2,860	2,964	14,672	.....	240	725	120,493	2,296	157,068	35,179	56	.....	.....	.....	.....	56	.....	12
23,360	10,558	1,228,414	.....	3,180	318,792	1,690,510	5,276	3,915,029	2,219,243	14	.....	.....	.....	.....	14	.....	13
894,665	515,006	14,287,116	399	31,404	3,268,169	27,481,368	1,593,193	58,233,524	29,158,963	48,146	12,178	24,120	5	6,892	4,951	30,110	14

Foundry and machine-shop products. 3
Furniture, wood, other than rattan and willow..... 1
Gas, illuminating and heating..... 1
Grease and tallow, not including lubricating greases..... 1
Hats, fur-felt..... 1
Iron and steel, welding..... 1
Jewelry..... 1
Knit goods..... 1
Lasts..... 1
Leather goods, not elsewhere specified. 1
Leather, tanned, curried, and finished. 1
Mattresses and spring beds, not elsewhere specified..... 2
Needles, pins, and hooks and eyes.... 2
Paper and wood pulp..... 1
Patent and proprietary medicines.... 1
Pickles and preserves..... 1
Saddlery and harness..... 1
Show cases..... 1
Structural ironwork, not made in steel works or rolling mills..... 1
Textile machinery and parts..... 2
Worsted goods..... 1

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

327,473	679,161	5,370,684	516,606	10,985	1,224,076	15,774,074	1,564,810	30,652,522	13,313,638	90,559	1,460	10,400	.....	42,075	36,624	5,730
352,474	253,568	2,813,133	40,666	31,293	232,708	6,503,597	171,773	12,441,751	5,766,381	7,296	1,952	.....	10	1,390	3,944	125
228,910	155,444	2,488,319	10,665	14,030	1,050,122	8,215,736	228,567	13,934,975	5,490,672	8,400	2,850	3,070	.....	1,714	766	4,230
366,745	201,486	1,963,879	38,696	26,094	199,507	4,185,203	153,337	8,513,980	4,175,440	4,770	2,770	.....	25	165	1,810	25
261,521	133,620	2,295,901	132,312	12,775	702,185	5,845,067	148,682	11,847,851	5,854,102	3,276	1,425	15	65	713	1,058	1,313
728,648	534,414	7,797,813	421,791	42,950	1,177,477	31,242,005	713,260	48,985,184	17,029,919	32,683	6,590	6,592	42	4,328	15,131	2,173
354,664	539,553	3,432,765	496,000	17,516	201,852	5,687,031	260,412	14,060,887	8,113,444	2,733	825	750	25	.....	1,133	.....

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

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

NEW JERSEY

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

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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.

NEW JERSEY.

GENERAL STATISTICS.

General character of the state.—New Jersey has a gross area of 8,224 square miles, of which 7,514 represent land surface. The inhabitants of the state in 1900 numbered 1,883,669; in 1910, 2,537,167; and in 1920, 3,155,900. In total population New Jersey ranked tenth among the states in 1920. The number of inhabitants per square mile in 1910 was 337.7, the corresponding figure for 1920 being 420.

In 1920 there were 39 cities in the state having more than 10,000 inhabitants. The combined population of these cities in that year was 2,070,129, which formed 65.6 per cent of the total for New Jersey. Of the total value of the state's manufactured products, 76.4 per cent was reported from these 39 cities.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products, from 1914 to 1919, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. The increases shown, however, in number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the exceptional 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 21 counties in the state, Essex and Hudson Counties reported 45.9 per cent of the total value of products for the state in 1919 and 43.6 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. Their ranking 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 42.

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

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—For the census period 1914 to 1919 all of the cities, for which comparative figures are available, show increases in value of products, but for 5 of the 36 cities for which figures are shown separately in the table there were decreases in the average number of wage earners. Statistics for 3 of the cities could not be shown separately without disclosing the operations of individual establishments, and the totals for them have been combined as "All other cities."

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

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months for selected industries and cities, similar data are given for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more. 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, 82.9 per cent were in the 39 cities, although of the male wage earners, only 77.9 per cent were reported by the cities.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in New Jersey. In that year 7.6 per cent of the wage earners were included in the group "48 and under," as against 59.5 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 12.1 per cent of the total wage earners, as compared with 3.7 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, 92.1 per cent were in the several classes having

fewer than 101 wage earners, although such establishments employed but 24.2 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 7.9 per cent of the total number of manufacturing establishments in the state, but reported 75.8 per cent of the total number of wage earners.

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

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 35.7 per cent of the number of establishments in the state in 1919, they reported 89.4 per cent of the average number of wage earners and 91.7 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 141,689, or 45.2 per cent, and the value of products, $2,117,061,522, or 169.3 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the 39 cities in 1919 represented 72.2 per cent of the total in the state. They reported in that year 79.1 per cent of the average number of wage earners and 76.4 per cent of the total value of products.

Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state (Table 16).—This table presents the principal industries in each of the 11 cities in the state having 50,000 inhabitants or more in 1920, the figures being given for those which can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 353,681 horsepower, or 44.6 per cent. This increase, however, is chiefly due to the gain of 207,990 horsepower, or 200 per cent, in rented power. The owned power increased 145,691 horsepower, or 21.1 per cent, during the five-year period. Of the total horsepower in 1914, 86.9 per cent was owned power and 13.1 per cent rented. The corresponding proportions for 1919 were 72.8 per cent and 27.2 per cent, respectively.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel, and by the cities of 10,000 inhabitants or more. There were increases in each kind of fuel used in 1919 as compared with 1914, except in anthracite coal, which decreased. In 1919, of the total anthracite coal consumed, 33.4 per cent was used in three industries—chemicals; dyeing and finishing textiles; and petroleum, refining; 26.1 per cent of the bituminous coal was used in six industries—cement; chemicals; coal-tar products; explosives; iron and steel rolling mills; and smelting and refining, copper; and two industries—gas and petroleum refining—used 33.8 per cent of the coke and 72.1 per cent of the fuel oils.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	11,057	9,742	8,817	7,010	6,415	13.5	10.5	25.8	9.3
Persons engaged	602,170	431,003	371,265	296,262	(1)	39.7	16.1	25.3	.....
Proprietors and firm members	9,349	8,342	8,204	6,730	(1)	12.1	1.7	21.9	.....
Salaried employees	84,135	49,056	36,838	23,196	15,361	71.5	33.2	58.8	51.0
Wage earners (average number)	508,686	373,605	326,223	266,336	213,975	36.2	14.5	22.5	24.5
Primary horsepower	1,146,744	793,063	612,293	436,274	322,503	44.6	29.5	40.3	35.3
Capital	$2,815,577,127	$1,352,381,873	$977,172,141	$715,060,174	$477,301,565	108.2	38.4	36.7	49.8
Salaries and wages	771,732,612	280,984,004	218,046,366	157,125,520	114,222,611	174.7	28.9	38.8	37.6
Salaries	171,074,267	69,847,544	48,336,333	28,956,728	19,057,698	144.9	44.5	66.9	51.9
Wages	600,658,345	211,136,460	169,710,033	128,168,801	95,164,913	184.5	24.4	32.4	34.7
Paid for contract work	27,716,816	9,380,405	8,445,253	5,221,402	(1)	195.5	11.1	61.7	.....
Rent and taxes	130,613,297	23,515,537	18,399,060	(2) 4,835,603	(1)	455.4	27.8	.....	.....
Cost of materials	2,270,473,279	883,464,594	720,033,399	470,449,176	334,726,094	157.0	22.7	53.1	40.5
Value of products	3,672,064,987	1,406,633,414	1,145,529,076	774,369,025	553,005,684	161.1	22.8	47.9	40.0
Value added by manufacture (3)	1,401,591,708	523,168,820	425,495,677	303,919,849	218,279,590	169.7	23.0	40.0	39.2

1 Figures not available. 2 Exclusive of internal revenue. 3 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	11,057	508,686	$600,658,345	$130,613,297	$2,270,473,279	$3,672,064,987	$1,401,591,708	1,146,744
Atlantic	259	2,970	2,930,785	449,209	6,593,754	12,680,094	6,086,340	5,781
Bergen	493	22,262	26,081,256	7,090,237	153,227,174	233,188,728	79,961,554	66,661
Burlington	201	9,431	9,866,321	1,375,100	39,966,261	61,319,903	21,353,642	33,542
Camden	428	48,325	62,551,314	7,328,045	127,785,494	246,555,714	118,770,220	75,414
Cape May	88	612	610,916	42,784	816,098	2,718,908	1,902,810	1,891
Cumberland	254	9,094	8,304,724	718,805	15,559,165	29,505,313	13,946,148	12,724
Essex	2,653	108,933	129,937,621	25,757,965	414,099,334	714,898,235	300,798,901	184,482
Gloucester	132	3,003	3,720,856	242,943	18,558,035	24,824,967	6,266,932	9,779
Hudson	2,350	112,662	140,104,615	41,098,568	644,712,124	969,336,856	324,624,732	238,651
Hunterdon	145	2,800	2,832,766	626,104	7,516,653	14,077,001	6,560,348	15,641
Mercer	497	30,515	34,873,501	5,066,441	79,663,534	158,361,221	78,697,687	76,226
Middlesex	483	32,004	37,469,123	8,581,255	303,438,122	407,619,344	101,181,222	134,927
Monmouth	384	5,184	4,473,131	384,367	11,161,779	20,443,398	9,281,619	11,336
Morris	225	6,858	7,687,324	1,117,347	21,380,700	38,171,134	16,790,434	30,958
Ocean	90	468	473,185	20,784	744,679	1,523,294	778,615	1,610
Passaic	1,411	62,571	64,906,830	17,401,826	228,551,968	404,579,656	176,027,688	106,860
Salem	108	6,058	8,166,169	743,814	8,938,203	30,725,756	21,787,553	15,517
Somerset	114	4,847	5,449,277	327,647	20,040,146	32,409,888	12,369,742	15,198
Sussex	90	1,367	1,261,305	169,876	4,689,187	7,786,002	3,096,815	5,313
Union	477	30,641	40,592,809	10,119,582	138,753,691	218,535,172	79,781,481	71,685
Warren	175	8,081	8,394,517	1,950,598	21,277,178	42,804,403	21,527,225	32,548

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	11,057	508,686	100.0	$3,672,065	100.0	$1,401,592	100.0
Petroleum, refining	9	10,178	2.0	280,995	7.6	58,108	4.1
Smelting and refining, copper	4	4,066	0.8	244,269	6.7	12,855	0.9
Shipbuilding, steel	13	50,251	9.9	229,826	6.3	107,358	7.7
Silk goods, including throwsters	686	32,326	6.4	215,051	5.9	91,609	6.5
Foundry and machine-shop products	446	25,033	4.9	128,534	3.5	69,140	4.9
Electrical machinery, apparatus, and supplies	105	26,135	5.1	120,341	3.3	61,359	4.4
Slaughtering and meat packing	46	3,566	0.7	110,221	3.0	9,817	0.7
Worsted goods	20	13,219	2.6	95,115	2.6	43,598	3.1
Rubber tires, tubes, and rubber goods, not elsewhere specified	65	12,353	2.4	84,129	2.3	37,793	2.7
Chemicals	78	12,472	2.5	84,034	2.3	38,860	2.8
Dyeing and finishing textiles, exclusive of that done in textile mills	132	14,492	2.8	79,305	2.2	35,083	2.5
Leather, tanned, curried, and finished	73	5,499	1.1	78,012	2.1	25,426	1.8
Iron and steel, steel works and rolling mills	16	13,811	2.7	74,382	2.0	40,055	2.9
Cotton goods	33	9,261	1.8	$58,706	1.6	$18,093	1.3
Bread and other bakery products	1,263	5,911	1.2	55,763	1.5	18,851	1.3
Phonographs and graphophones	15	12,266	2.4	55,419	1.5	34,759	2.5
Coal-tar products	48	6,495	1.3	44,740	1.2	20,480	1.5
Automobiles	6	2,359	0.5	39,561	1.1	8,878	0.6
Soap	16	2,889	0.6	37,382	1.0	10,035	0.7
Food preparations, not elsewhere specified	100	1,359	0.3	33,612	0.9	4,149	0.3
Tobacco, cigars and cigarettes	308	8,443	1.7	32,299	0.9	18,190	1.3
Oil, not elsewhere specified	30	1,245	0.2	30,835	0.8	8,516	0.6
Cars and general shop construction and repairs by steam-railroad companies	36	10,321	2.0	29,467	0.8	17,682	1.3
Jewelry	174	3,234	0.6	27,890	0.8	13,232	0.9
Liquors, malt	20	1,780	0.3	26,148	0.7	20,616	1.5
Canning and preserving, fruits and vegetables	53	2,685	0.5	24,619	0.7	9,803	0.7
Millinery and lace goods, not elsewhere specified	510	6,254	1.2	24,506	0.7	12,893	0.9
Tobacco, chewing and smoking, and snuff	10	1,718	0.3	24,419	0.7	11,929	0.9
Knit goods	90	4,853	1.0	23,853	0.6	8,503	0.6

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
Oilcloth and linoleum, floor	10	2,136	0.4	$21,689	0.6	$8,905	0.6
Paper and wood pulp	33	3,108	0.6	20,361	0.6	8,365	0.6
Gas, illuminating and heating	38	2,083	0.4	20,317	0.6	12,943	0.9
Wire	7	1,923	0.4	19,878	0.5	5,179	0.4
Engines, steam, gas, and water	15	2,392	0.5	19,387	0.5	13,972	1.0
Paints	33	1,332	0.3	18,501	0.5	6,444	0.5
Gold and silver, reducing and refining, not from the ore	14	312	0.1	18,391	0.5	1,845	0.1
Clothing, women's	255	5,696	1.1	17,900	0.5	8,584	0.6
Confectionery and ice cream	245	2,955	0.6	16,899	0.5	6,722	0.5
Hats, fur-felt	31	3,303	0.6	16,625	0.5	8,390	0.6
Pottery	53	5,717	1.1	16,226	0.4	12,645	0.9
Clothing, men's	164	4,801	0.9	15,950	0.4	9,587	0.7
Fertilizers	19	1,740	0.3	15,758	0.4	3,947	0.3
Automobile bodies and parts	110	3,160	0.6	15,111	0.4	8,708	0.6
Bags, other than paper, not including bags made in textile mills	14	824	0.2	14,697	0.4	1,953	0.1
Cordage and twine	6	2,334	0.5	14,540	0.4	4,751	0.3
Brass, bronze, and copper products	67	2,185	0.4	14,412	0.4	5,943	0.4
Glass	21	5,942	1.2	13,695	0.4	9,249	0.7
Structural ironwork, not made in steel works or rolling mills	73	2,115	0.4	13,633	0.4	5,346	0.4
Varnishes	30	662	0.1	13,314	0.4	4,561	0.3
Tinware, not elsewhere specified	9	1,990	0.3	13,079	0.4	3,236	0.2
Boots and shoes, not including rubber boots and shoes	34	2,835	0.6	12,864	0.4	5,053	0.4
Pumps, steam and other power	6	2,408	0.5	12,723	0.3	6,017	0.4
Printing and publishing, newspapers and periodicals	295	2,352	0.5	12,400	0.3	8,291	0.6
Shirts	46	2,884	0.6	12,250	0.3	4,072	0.3
Surgical appliances	12	1,788	0.4	12,112	0.3	6,008	0.4
Belting and hose, rubber	5	1,661	0.3	10,880	0.3	5,619	0.4
Chocolate and cocoa products	8	489	0.1	10,813	0.3	1,536	0.1
Pencils, lead	5	2,842	0.6	10,791	0.3	6,012	0.4
Lumber, planing-mill products, not including planing mills connected with sawmills	168	1,950	0.4	10,759	0.3	4,499	0.3
Furniture	78	2,136	0.4	10,751	0.3	5,494	0.4
Steam packing	17	1,612	0.3	10,291	0.3	3,766	0.3
Brick and tile, terra-cotta, and fire-clay products	67	3,544	0.7	10,127	0.3	7,349	0.5
Photographic materials	18	952	0.2	10,031	0.3	2,891	0.2
Paper goods, not elsewhere specified	29	1,036	0.2	9,719	0.3	3,681	0.3
Printing and publishing, book and job	421	2,339	0.5	9,569	0.3	5,741	0.4
Corsets	21	2,152	0.4	9,293	0.3	4,874	0.3
Furnishing goods, men's	29	2,841	0.6	$9,263	0.3	$4,297	0.3
Oleomargarine and other butter substitutes	5	409	0.1	9,059	0.2	2,452	0.2
Iron and steel, cast-iron pipe	8	2,035	0.4	9,030	0.2	4,293	0.3
Upholstering materials, not elsewhere specified	9	519	0.1	8,803	0.2	2,831	0.2
Boxes, wooden packing, except cigar boxes	36	1,197	0.2	8,756	0.2	2,479	0.2
Cooperage	45	968	0.2	8,627	0.2	2,331	0.2
Patent medicines and compounds	81	1,021	0.2	8,548	0.2	3,388	0.2
Boxes, paper and other, not elsewhere specified	51	2,659	0.5	8,202	0.2	4,457	0.3
Shipbuilding, wooden, including boat building	80	2,146	0.4	8,189	0.2	5,103	0.4
Paving materials	46	1,200	0.2	7,324	0.2	3,093	0.2
Wirework, including wire rope and cable, not elsewhere specified	33	1,330	0.3	7,253	0.2	3,269	0.2
Coffee, roasting and grinding	17	192	(1)	7,218	0.2	2,567	0.2
Aluminum manufactures	5	1,163	0.2	7,060	0.2	2,753	0.2
Buttons	70	2,570	0.5	7,021	0.2	4,022	0.3
Stamped ware, not elsewhere specified	29	2,446	0.5	6,809	0.2	4,351	0.3
Machine tools	14	1,678	0.3	6,768	0.2	4,347	0.3
Gas and electric fixtures	12	1,763	0.3	6,593	0.2	2,547	0.2
Roofing materials	15	660	0.1	6,553	0.2	2,482	0.2
Steam fittings and steam and hot-water heating apparatus	12	1,397	0.3	6,305	0.2	3,853	0.3
Fancy articles, not elsewhere specified	65	1,801	0.4	6,221	0.2	3,444	0.2
Automobile repairing	493	1,627	0.3	6,130	0.2	3,817	0.3
Flour-mill and gristmill products	150	232	(1)	6,040	0.2	1,004	0.1
Dyestuffs and extracts—natural	17	385	0.1	5,924	0.2	2,375	0.2
Carpets and rugs, other than rag	5	917	0.2	5,912	0.2	2,693	0.2
Iron and steel, forgings, not made in steel works or rolling mills	16	827	0.2	5,603	0.2	2,527	0.2
Cutlery and edge tools	28	1,951	0.4	5,598	0.2	4,254	0.3
Grease and tallow, not including lubricating greases	67	299	0.1	5,402	0.1	986	0.1
Iron and steel, wrought pipe	5	739	0.1	5,391	0.1	2,500	0.2
Druggists' preparations	10	994	0.2	5,335	0.1	2,244	0.2
Hardware	27	1,434	0.3	5,300	0.1	3,061	0.2
Woolen goods	6	1,271	0.2	5,210	0.1	2,154	0.2
Furs, dressed	18	1,551	0.3	5,113	0.1	3,957	0.3
Smelting and refining, not from the ore	10	468	0.1	5,059	0.1	1,408	0.1
Textile machinery and parts	56	1,672	0.3	5,003	0.1	3,172	0.2
All other industries [2]	2,599	70,160	13.8	522,274	14.2	197,233	14.1

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

[2] Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 10 having products in excess of some for which figures are shown in the table. These industries are as follows: "Babbitt metal and solder"; "coke, not including gas-house coke"; "drug grinding"; "explosives"; "glucose and starch"; "oil and cake, cottonseed"; "oil, linseed"; "sewing machines"; "smelting and refining, metals, not elsewhere specified"; 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.	Female.
All classes	1919	602,170	459,767	142,403	76.4	23.6
	1914	431,003	320,967	110,036	74.5	25.5
	1909	371,265	278,968	92,297	75.1	24.9
Proprietors and officials	1919	31,423	30,282	1,141	96.5	3.5
	1914	19,257	18,626	631	96.7	3.3
	1909	17,581	17,043	538	96.9	3.1
Proprietors and firm members	1919	9,349	9,003	346	96.6	3.4
	1914	8,342	8,030	312	96.3	3.7
	1909	8,204	7,924	280	96.6	3.4
Salaried officers of corporations	1919	6,547	6,266	281	95.7	4.3
	1914	4,549	4,367	182	96.0	4.0
	1909	4,147	4,056	91	97.8	2.2
Superintendents and managers	1919	15,527	15,013	514	96.7	3.3
	1914	6,366	6,229	137	97.8	2.2
	1909	5,230	5,063	167	96.8	3.2
Clerks and other subordinate salaried employees	1919	62,061	41,066	20,995	66.2	33.8
	1914	38,141	29,355	8,786	77.0	23.0
	1909	27,461	21,652	5,809	78.8	21.2
Wage earners (average number)	1919	508,686	388,419	120,267	76.4	23.6
	1914	373,605	272,986	100,619	73.1	26.9
	1909	326,223	240,273	85,950	73.7	26.3
16 years of age and over	1919	501,690	385,401	116,289	76.8	23.2
	1914	368,759	270,999	97,760	73.5	26.5
	1909	318,685	236,499	82,186	74.2	25.8
Under 16 years of age	1919	6,996	3,018	3,978	43.1	56.9
	1914	4,846	1,987	2,859	41.0	59.0
	1909	7,538	3,774	3,764	50.0	50.0

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL. 16 years of age and over. Male.	Female.	Under 16 years of age.
All industries	1919	503,686	75.7	22.9	1.4
	1914	373,605	72.5	26.2	1.3
	1909	326,223	72.5	25.2	2.3
Automobile bodies and parts	1919	3,160	93.1	6.9	.....
	1914	1,989	96.8	2.9	0.4
Automobiles	1919	2,359	96.8	3.2	.....
	1914	531	99.8	0.2	.....
Boots and shoes, not including rubber boots and shoes.	1919	2,835	58.2	39.0	2.8
	1914	3,834	61.5	37.5	1.0
Boxes, paper and other, not elsewhere specified.	1919	2,659	38.5	56.1	5.4
	1914	2,176	30.6	66.3	3.1
Brass, bronze, and copper products	1919	2,185	96.4	3.2	0.5
	1914	1,236	97.4	0.4	2.2
Bread and other bakery products	1919	5,911	86.1	12.8	1.2
	1914	5,712	91.5	7.4	1.1
Brick and tile, terra-cotta, and fire-clay products.	1919	3,544	94.0	5.6	0.4
	1914	7,786	94.4	4.5	1.1
Buttons	1919	2,570	67.3	31.3	1.4
	1914	1,773	67.1	31.9	1.0
Canning and preserving, fruits and vegetables.	1919	2,685	61.3	38.7	.....
	1914	2,686	46.6	53.1	0.3
Cars and general shop construction and repairs by steam-railroad companies.	1919	10,321	99.3	0.7	(1)
	1914	6,835	100.0	(1)	(1)
Chemicals	1919	12,472	91.9	8.0	0.2
	1914	6,276	90.5	9.4	0.1
Clothing, men's	1919	4,801	48.8	48.7	2.5
	1914	4,715	52.3	47.4	0.3
Clothing, women's	1919	5,696	12.5	87.0	0.5
	1914	5,423	16.7	81.6	1.6
Coal-tar products [2]	1919	6,495	99.0	0.9	0.1
Confectionery and ice cream	1919	2,955	46.6	50.4	2.9
	1914	1,810	49.4	47.5	3.1
Cordage and twine	1919	2,334	44.0	49.1	6.9
	1914	760	63.4	35.9	0.7
Corsets	1919	2,152	10.3	88.2	1.5
	1914	2,592	8.4	90.0	1.5
Cotton goods	1919	9,261	43.0	53.6	3.4
	1914	7,144	44.5	49.9	5.6
Cutlery and edge tools	1919	1,951	79.7	18.7	1.7
	1914	1,551	83.3	15.3	1.4
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	14,492	75.3	22.7	2.0
	1914	11,683	83.8	15.6	0.6
Electrical machinery, apparatus, and supplies.	1919	26,135	65.6	33.4	1.0
	1914	14,405	68.0	31.4	0.6
Engines, steam, gas, and water	1919	2,392	99.4	0.5	0.1
	1914	677	99.6	.....	0.4
Foundry and machine-shop products [3]	1919	28,410	94.0	5.3	0.7
	1914	18,099	96.8	2.7	0.5
Furnishing goods, men's	1919	2,841	11.1	83.9	5.0
	1914	3,920	10.7	86.6	2.7
Furniture	1919	2,136	97.3	2.4	0.3
	1914	2,287	98.1	1.4	0.5
Gas, illuminating and heating	1919	2,083	99.5	0.5	.....
	1914	2,205	99.9	0.1	.....
Glass	1919	5,942	86.9	12.2	1.0
	1914	5,784	94.7	3.2	2.2
Hats, fur-felt	1919	3,303	77.2	22.6	0.2
	1914	4,401	75.1	24.6	0.3
Iron and steel, steel works and rolling mills	1919	13,811	97.2	2.8	.....
	1914	4,639	99.8	0.2	(1)
Iron and steel, cast-iron pipe	1919	2,035	99.8	0.1	(1)
	1914	3,421	99.7	0.2	0.1
Jewelry	1919	3,234	75.5	23.3	1.2
	1914	3,408	76.4	22.7	0.9
Knit goods	1919	4,853	21.6	73.5	4.9
	1914	4,025	37.3	59.4	3.3
Leather, tanned, curried, and finished	1919	5,499	88.9	11.1	.....
	1914	5,108	97.8	2.1	0.1
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,950	97.4	2.3	0.3
	1914	2,377	99.8	0.1	0.1
Millinery and lace goods, not elsewhere specified.	1919	6,254	17.9	79.4	2.8
	1914	5,573	24.9	72.2	2.9
Oilcloth and linoleum, floor	1919	2,136	96.5	2.6	0.9
	1914	1,858	97.8	1.1	1.0
Paper and wood pulp	1919	3,108	90.8	7.4	1.8
	1914	2,927	93.3	6.0	0.6
Pencils, lead [2]	1919	2,842	41.3	51.8	6.9
Petroleum, refining	1919	10,178	98.1	1.6	0.3
	1914	5,178	99.8	0.2	(1)
Phonographs and graphophones [2]	1919	12,266	77.6	22.3	(1)
Pottery	1919	5,717	78.4	19.4	2.2
	1914	5,225	81.5	17.5	1.0
Printing and publishing, book and job	1919	2,339	75.8	21.7	2.5
	1914	1,698	84.3	13.7	2.0
Printing and publishing, newspapers and periodicals.	1919	2,352	88.1	10.5	1.5
	1914	2,470	88.5	10.2	1.4
Pumps, steam and other power [2]	1919	2,408	95.6	3.5	0.9
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	12,353	85.9	12.9	1.2
	1914	6,316	87.2	11.1	1.7
Shipbuilding, steel	1919	50,251	99.2	0.8	.....
	1914	5,142	100.0	.....	.....
Shipbuilding, wooden, including boat building.	1919	2,146	99.5	0.5	.....
	1914	1,182	99.9	0.1	.....
Shirts	1919	2,884	16.9	80.4	2.8
	1914	3,502	18.3	77.2	4.5
Silk goods, including throwsters	1919	32,326	45.7	51.4	2.8
	1914	28,263	46.7	51.2	2.1
Slaughtering and meat packing	1919	3,566	91.3	8.7	0.1
	1914	2,033	95.6	4.2	0.2
Smelting and refining, copper	1919	4,066	98.9	1.1	.....
	1914	3,344	100.0	.....	.....
Soap	1919	2,889	67.0	30.8	2.2
	1914	2,057	71.8	28.0	0.2
Stamped ware, not elsewhere specified	1919	2,446	69.3	25.9	4.8
	1914	2,263	78.5	19.4	2.1
Structural ironwork, not made in steel works or rolling mills.	1919	2,115	100.0	.....	.....
	1914	2,603	99.7	0.3	.....
Tinware, not elsewhere specified	1919	1,990	79.0	20.8	0.2
	1914	1,328	77.1	22.4	0.5
Tobacco manufactures	1919	10,161	21.6	74.5	3.9
	1914	15,830	20.6	74.3	5.1
Wire [2]	1919	1,923	95.9	3.9	0.2
Woolen and worsted goods	1919	14,490	45.1	49.8	5.1
	1914	14,280	41.9	56.4	1.7
All other industries	1919	110,018	80.4	18.3	1.3
	1914	109,265	82.7	16.5	0.8

[1] Less than one-tenth of 1 per cent.
[2] Not shown separately in 1914.
[3] 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
Asbury Park	393	312	264	199	206	258	194	106	6	.....	.....	.....	$1,565,289	$765,762	$602,194
Atlantic City	958	918	786	886	877	764	71	40	14	1	1	8	6,358,720	2,971,065	2,340,291
Bayonne	14,994	10,150	7,519	13,182	9,079	6,624	1,653	1,007	718	159	64	177	260,602,109	98,234,245	73,040,960
Belleville	1,856	.....	.....	1,534	.....	.....	316	.....	.....	6	.....	.....	11,764,501	.....	.....
Bloomfield	5,150	3,177	2,957	3,451	1,801	1,475	1,653	1,321	1,390	46	55	92	25,245,436	8,357,620	5,894,710
Bridgeton	2,329	2,479	2,387	1,691	1,823	1,647	619	616	695	19	40	45	10,958,787	4,935,711	4,070,508
Camden	40,906	22,541	16,527	34,365	18,412	12,923	6,364	3,987	3,142	177	142	462	218,165,277	71,823,905	49,137,874
Clifton	3,253	.....	.....	1,903	.....	.....	1,186	.....	.....	164	.....	.....	29,430,811	.....	.....
East Orange	2,683	1,949	1,386	1,790	1,335	1,042	874	602	323	19	12	21	11,084,224	5,406,985	3,724,879
Elizabeth	18,386	12,870	12,737	15,615	10,874	11,291	2,743	1,957	1,408	28	39	38	76,440,515	31,228,181	29,147,334
Englewood	256	91	.....	180	74	.....	76	17	.....	.....	.....	.....	1,119,264	321,161	.....
Garfield	5,025	5,869	2,530	2,563	2,437	1,025	2,260	3,258	1,412	202	174	93	40,233,553	16,113,492	8,893,710
Gloucester	6,225	1,945	.....	5,081	739	.....	995	1,151	.....	149	55	.....	19,994,017	4,710,951	.....
Hackensack	698	766	738	399	523	527	274	236	206	25	7	5	3,707,795	2,252,503	1,977,966
Harrison	13,026	7,404	6,893	10,732	5,802	4,829	2,255	1,566	1,980	39	36	84	61,766,542	17,960,500	13,769,877
Hoboken	15,933	9,290	7,883	12,779	6,778	5,821	3,008	2,405	1,839	146	107	223	70,311,540	23,461,298	19,016,310
Irvington	1,956	921	540	1,769	790	436	177	102	76	10	29	28	12,175,332	7,349,713	3,017,824
Jersey City	36,981	31,021	25,454	26,680	21,765	18,140	9,509	9,011	6,866	792	245	448	374,182,924	164,528,608	128,774,978
Kearny	14,860	5,094	4,001	14,477	4,442	3,464	312	623	493	71	29	44	80,832,074	15,419,840	12,380,445
Long Branch	841	410	415	362	226	260	471	180	153	8	4	2	3,012,724	1,055,428	1,116,663
Millville	3,857	3,198	2,761	2,848	2,534	2,206	851	572	411	158	92	144	10,416,362	4,644,412	4,181,824
Montclair	281	382	252	223	317	219	56	56	32	2	9	1	2,282,413	1,431,708	1,025,585
Morristown	248	218	201	185	190	177	63	24	22	.....	4	2	1,352,152	684,266	724,233
New Brunswick	7,673	6,448	5,264	4,756	2,909	2,411	2,859	3,462	2,711	58	77	142	42,624,947	14,814,018	10,004,802
Newark	86,707	63,084	59,885	65,254	44,958	42,847	20,480	17,159	15,308	973	967	1,730	577,608,564	210,601,047	201,888,239
Orange	2,712	2,126	1,770	1,816	1,636	1,337	888	483	379	8	7	54	13,092,066	4,558,321	3,458,907
Passaic	18,203	17,142	14,654	10,558	9,250	7,937	6,825	7,584	6,296	820	308	421	129,073,484	53,267,859	40,732,557
Paterson	37,217	30,925	31,981	22,252	18,456	18,391	14,282	11,836	12,579	683	633	1,011	216,659,174	78,428,639	69,262,659
Perth Amboy	9,197	9,202	7,082	7,119	6,798	5,584	1,890	2,218	1,340	188	186	158	230,658,263	148,959,944	118,598,066
Phillipsburg	5,403	4,359	3,432	4,238	3,118	2,718	1,088	1,173	649	77	68	65	29,407,670	11,328,677	9,150,227
Plainfield	3,421	1,832	1,758	2,959	1,456	1,454	455	371	292	7	5	12	17,540,331	5,008,880	3,648,745
Rahway	1,697	.....	.....	1,268	.....	.....	381	.....	.....	48	.....	.....	11,747,584	.....	.....
Trenton	24,547	19,828	18,543	18,457	15,456	14,751	5,570	3,832	3,484	520	540	308	122,477,987	54,821,906	49,115,211
Union	1,506	1,479	1,855	757	844	834	708	625	991	41	10	30	8,195,484	4,465,201	5,883,402
West Hoboken	3,565	3,454	2,782	1,391	1,395	1,127	2,128	2,016	1,541	46	43	114	16,652,844	6,601,166	5,577,439
West New York	3,208	2,335	1,508	1,327	1,320	770	1,838	1,007	694	43	8	44	28,377,866	13,960,963	9,273,717
All other cities [1]	6,334	.....	.....	5,208	.....	.....	1,122	.....	.....	4	.....	.....	27,844,036	.....	.....

[1] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

MONTH	NUMBER.[1]			PER CENT OF MAXIMUM.			MONTH.	NUMBER.[1]			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January	504,994	375,612	*313,158*	93.9	97.9	91.2	July	510,709	371,217	318,216	95.0	96.7	92.7
February	484,983	377,720	313,216	90.2	98.4	91.2	August	516,895	367,483	323,506	96.1	95.7	94.2
March	*482,240*	381,166	318,401	89.7	99.3	92.7	September	519,235	372,481	334,710	96.6	97.0	97.5
April	489,806	383,830	321,883	91.1	100.0	93.7	October	528,238	372,664	341,569	98.2	97.1	99.5
May	496,342	383,376	321,876	92.3	99.9	93.7	November	530,083	362,322	342,786	98.6	94.4	99.8
June	503,068	379,332	321,969	93.6	98.8	93.8	December	**537,639**	*356,057*	343,389	100.0	92.8	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	508,686	504,994	484,983	*482,240*	489,806	496,342	503,068	510,709	516,895	519,235	528,238	530,083	**537,639**	89.7
Males	388,419	385,734	373,075	*371,151*	374,515	379,240	383,893	389,872	394,479	394,761	401,151	402,976	**410,201**	90.5
Females	120,267	119,260	111,908	*111,109*	115,291	117,102	119,175	120,837	122,416	124,474	127,087	127,107	**127,438**	87.2
Automobile bodies and parts	3,160	2,476	*2,461*	2,623	2,803	2,914	2,997	3,372	3,530	3,710	3,696	3,621	**3,717**	66.2
Automobiles	2,359	2,793	2,474	2,250	*2,035*	2,068	2,089	2,313	2,317	2,315	2,429	2,569	2,656	72.9
Boots and shoes, not including rubber boots and shoes	2,835	*2,675*	2,778	2,813	2,825	2,842	2,886	2,849	2,812	2,806	2,765	2,952	**3,017**	88.7
Boxes, paper and other, not elsewhere specified	2,659	2,690	2,563	2,567	2,554	*2,512*	2,598	2,718	2,641	2,707	2,760	2,765	**2,833**	88.7
Brass, bronze, and copper products	2,185	**2,575**	2,451	2,106	2,018	2,020	*1,968*	2,091	2,226	2,007	2,056	2,300	2,402	76.4
Bread and other bakery products	5,911	5,603	5,659	*5,602*	5,710	5,702	5,854	5,997	6,170	6,181	6,167	6,091	**6,196**	90.4
Brick and tile, terra-cotta, and fire-clay products	3,544	2,483	*2,190*	2,325	2,732	3,207	3,659	4,077	4,398	4,408	4,429	4,422	4,198	49.4
Buttons	2,570	*2,340*	2,345	2,399	2,436	2,497	2,567	2,639	2,712	2,689	2,700	**2,764**	2,752	84.7
Canning and preserving, fruits and vegetables	2,685	1,835	1,801	1,571	*1,240*	1,378	2,267	2,778	4,305	**4,858**	4,725	3,096	2,366	25.5
Cars and general shop construction and repairs by steam-railroad companies	10,321	10,431	10,501	9,738	*9,455*	9,901	10,038	10,305	10,390	10,658	10,670	10,863	**10,902**	86.7
Chemicals	12,472	12,911	12,846	11,734	*11,277*	11,765	11,946	12,469	12,706	12,818	12,988	13,077	**13,127**	85.9
Clothing, men's	4,801	*3,833*	4,027	4,246	4,312	4,358	4,727	5,016	5,130	5,198	5,468	5,568	**5,729**	66.9
Clothing, women's	5,696	*4,870*	4,925	5,046	5,164	5,502	5,719	5,812	6,145	6,351	6,362	6,261	6,135	76.5
Coal-tar products	6,495	6,084	*5,589*	5,822	6,165	6,459	6,487	5,970	6,943	7,010	7,017	7,118	**7,276**	76.8
Confectionery and ice cream	2,955	*2,317*	2,450	2,540	2,582	2,584	2,865	3,273	3,722	3,846	3,924	2,763	2,594	59.0
Cordage and twine	2,334	2,377	2,363	2,388	2,301	2,294	2,310	2,340	2,394	*2,225*	2,299	2,303	**2,414**	92.2
Corsets	2,152	2,040	2,008	*1,991*	2,041	2,059	2,101	2,226	2,269	2,236	2,262	2,282	**2,309**	86.2
Cotton goods	9,261	9,163	*8,437*	8,726	9,133	9,311	9,421	9,278	9,462	9,481	9,461	9,488	**9,771**	86.3
Cutlery and edge tools	1,951	1,998	1,938	1,898	1,923	1,943	1,941	1,949	*1,709*	1,743	1,990	2,168	**2,212**	77.3
Dyeing and finishing textiles, exclusive of that done in textile mills	14,492	14,359	14,082	14,470	13,787	14,191	14,491	15,155	14,301	*13,156*	14,720	15,285	**15,907**	82.7
Electrical machinery, apparatus, and supplies	26,135	**28,235**	27,542	26,708	25,963	25,651	24,484	*24,290*	24,816	25,480	26,061	26,690	27,041	85.9
Engines, steam, gas, and water	2,392	**5,057**	5,054	4,438	2,959	1,616	1,543	1,457	1,366	1,293	1,288	*1,287*	1,346	25.4
Foundry and machine-shop products	25,033	**26,608**	25,621	25,013	25,170	24,640	24,774	*23,928*	24,246	24,707	24,858	25,080	25,751	89.9
Furnishing goods, men's	2,841	3,187	2,972	*1,846*	2,263	2,543	2,982	3,001	3,161	3,074	3,054	**3,213**	2,796	57.5
Furniture	2,136	*1,901*	1,906	1,943	1,963	2,064	2,103	2,126	2,326	2,295	2,312	2,337	**2,356**	80.7
Gas, illuminating and heating	2,083	2,303	2,176	2,012	*1,924*	2,057	2,077	2,188	2,062	2,029	2,029	2,067	2,072	83.5
Glass	5,942	6,574	5,909	6,076	6,274	6,171	6,120	5,045	*4,488*	5,089	6,182	6,565	**6,811**	65.9
Hats, fur-felt	3,303	3,081	3,034	3,050	3,052	*3,026*	3,234	3,399	3,496	3,521	3,574	**3,588**	3,581	84.3
Iron and steel, steel works and rolling mills	13,811	**14,473**	14,316	14,153	13,645	13,492	13,658	*13,351*	13,427	13,638	13,888	13,884	13,807	92.2
Iron and steel, cast-iron pipe	2,035	1,908	1,657	*1,602*	1,842	1,914	2,030	2,069	2,221	2,197	2,330	2,278	**2,372**	67.5
Jewelry	3,234	*2,734*	2,856	2,992	3,064	3,168	3,237	3,342	3,462	3,428	3,491	3,510	**3,524**	77.6
Knit goods	4,853	*4,545*	4,648	4,755	4,705	4,721	4,670	4,887	4,932	4,900	5,100	**5,184**	5,180	87.7
Leather, tanned, curried, and finished	5,499	*4,856*	5,001	5,059	5,365	5,563	5,714	5,607	5,761	**5,920**	5,802	5,583	5,757	82.0
Lumber, planing-mill products, not including planing mills connected with sawmills	1,950	1,777	*1,665*	1,765	1,847	1,890	1,933	2,000	2,060	2,089	2,101	**2,147**	2,126	77.6
Millinery and lace goods, not elsewhere specified	6,254	5,821	5,826	*5,559*	5,666	6,181	6,122	6,544	6,647	6,571	6,681	**6,735**	6,695	82.5
Oilcloth and linoleum, floor	2,136	*1,544*	*1,544*	1,668	1,746	1,956	2,218	2,338	2,397	2,464	2,539	2,558	**2,660**	58.0
Paper and wood pulp	3,108	3,029	2,827	2,948	*2,799*	2,827	2,922	3,213	3,374	3,384	**3,406**	3,335	3,232	82.2
Pencils, lead	2,842	2,884	2,905	2,872	2,897	2,861	2,838	2,866	2,889	2,767	*2,747*	2,808	2,770	94.6
Petroleum, refining	10,178	9,330	9,218	*9,026*	9,198	9,901	10,322	10,620	10,772	10,708	**11,301**	10,992	10,749	79.9
Phonographs and graphophones	12,266	*9,880*	10,707	11,426	11,786	12,175	12,516	12,250	12,161	12,722	13,424	**14,121**	14,024	70.0
Pottery	5,717	5,196	4,973	*4,958*	4,988	5,190	5,431	5,722	6,124	6,214	6,446	6,598	**6,764**	73.3
Printing and publishing, book and job	2,339	2,273	2,286	2,333	*2,196*	2,337	2,370	2,301	2,204	2,247	2,458	2,395	**2,668**	82.3
Printing and publishing, newspapers and periodicals	2,352	2,342	2,391	2,353	2,369	2,361	2,370	*2,284*	2,296	2,323	2,358	2,376	**2,401**	95.1
Pumps, steam and other power	2,408	2,598	2,520	**2,624**	2,481	2,402	2,347	2,353	2,313	2,322	*2,187*	2,378	2,371	83.3
Rubber tires, tubes, and rubber goods, not elsewhere specified	12,353	*11,321*	11,885	12,152	11,880	12,204	12,252	12,355	12,485	12,054	13,021	13,259	**13,368**	84.7
Shipbuilding, steel	50,251	50,979	51,207	**52,467**	51,499	51,207	50,402	51,228	51,104	48,438	47,674	*47,492*	49,315	90.5
Shipbuilding, wooden, including boat building	2,146	2,231	**2,302**	*1,926*	2,024	2,126	2,231	2,164	2,162	2,194	*2,015*	2,224	2,153	83.7
Shirts	2,884	*2,699*	2,730	2,727	2,756	2,782	2,760	2,842	2,847	2,955	3,084	3,177	**3,249**	83.1
Silk goods, including throwsters	32,326	30,541	*28,628*	30,628	31,270	31,698	32,109	32,700	32,689	33,521	34,268	34,736	**35,064**	81.6
Slaughtering and meat packing	3,566	3,914	3,825	3,687	3,594	3,691	3,656	3,577	3,580	3,546	3,514	*2,599*	3,609	66.4
Smelting and refining, copper	4,066	4,926	4,788	4,414	4,378	3,986	3,693	3,990	3,820	3,707	3,826	3,640	*3,624*	73.6
Soap	2,889	2,863	2,702	*2,662*	2,696	2,773	2,909	3,024	3,150	3,111	2,991	2,894	2,893	84.5
Stamped ware, not elsewhere specified	2,446	*2,277*	2,407	2,448	2,437	2,443	2,414	2,454	2,497	2,488	2,471	2,475	**2,541**	89.6
Structural ironwork, not made in steel works or rolling mills	2,115	**2,199**	2,168	2,066	2,050	2,025	*2,005*	2,044	2,095	2,164	2,187	2,192	2,185	91.2
Tinware, not elsewhere specified	1,990	1,916	2,003	1,945	*1,698*	1,844	1,906	1,991	2,063	2,142	2,122	2,074	**2,176**	78.0
Tobacco, cigars and cigarettes	8,443	8,687	8,997	8,752	8,336	8,059	8,084	7,590	*6,696*	7,549	8,810	9,635	**10,121**	66.2
Wire	1,923	2,024	1,902	1,846	1,773	*1,717*	1,776	1,891	1,984	2,033	**2,066**	2,007	2,057	83.1
Worsted goods	13,219	12,695	*2,556*	2,610	12,991	14,863	15,675	16,240	16,294	**16,182**	16,059	16,154	16,309	15.7
All other industries	116,384	117,683	113,441	111,877	*111,769*	112,650	114,181	116,802	118,146	119,366	119,625	120,060	**121,008**	92.4

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Industries showing large proportion of females.														
Boots and shoes, not including rubber boots and shoes	1,152	*1,080*	1,119	1,116	1,136	1,148	1,149	1,153	1,162	1,168	1,179	**1,213**	1,201	89.0
Boxes, paper and other, not elsewhere specified	1,604	1,547	1,553	1,572	1,563	*1,541*	1,573	1,641	1,646	1,599	1,641	1,659	**1,713**	90.0
Canning and preserving, fruits and vegetables	1,040	692	663	535	*363*	408	851	969	1,733	2,139	**2,221**	1,220	686	16.3
Clothing, men's	2,433	*2,006*	2,124	2,185	2,201	2,229	2,369	2,485	2,521	2,596	2,712	2,827	**2,941**	68.2
Clothing, women's	4,973	4,271	*4,260*	4,360	4,541	4,932	5,065	5,036	5,311	5,515	**5,529**	5,468	5,388	77.0
Confectionery and ice cream	1,546	*1,188*	1,265	1,325	1,309	1,251	1,382	1,644	1,950	2,129	**2,293**	1,482	1,334	51.8
Cordage and twine	1,222	1,245	1,224	1,214	1,227	1,219	1,215	1,235	**1,265**	1,211	1,206	*1,170*	1,233	92.5
Corsets	1,928	1,838	1,803	*1,780*	1,821	1,847	1,880	1,991	2,025	1,993	2,030	2,052	**2,076**	85.7
Cotton goods	5,191	5,197	*4,908*	5,085	5,195	5,224	5,255	5,103	5,251	5,300	5,226	5,194	**5,354**	91.7
Dyeing and finishing textiles, exclusive of that done in textile mills	3,464	3,626	3,586	3,580	*3,152*	3,231	3,254	3,385	3,429	3,410	3,610	3,585	**3,720**	84.7
Electrical machinery, apparatus, and supplies	8,817	**9,723**	9,566	9,388	8,871	8,586	8,326	8,222	*8,211*	8,427	8,590	8,889	9,005	84.4
Furnishing goods, men's	2,508	2,785	2,599	*1,610*	1,977	2,261	2,643	2,639	2,805	2,731	2,716	**2,848**	2,482	56.5
Knit goods	3,774	*3,601*	3,683	3,756	3,709	3,704	3,608	3,775	3,815	3,781	3,907	3,982	3,967	90.4
Millinery and lace goods, not elsewhere specified	5,111	4,814	4,791	*4,522*	4,598	5,072	4,988	5,338	5,444	5,369	5,453	**5,501**	5,442	82.2
Pencils, lead	1,637	1,615	1,671	1,669	1,686	1,654	1,641	1,673	**1,691**	1,589	*1,573*	1,576	1,606	93.0
Phonographs and graphophones	2,739	2,865	2,756	2,738	2,705	2,684	2,686	*2,644*	2,659	2,691	2,780	2,864	2,796	92.3
Pottery	1,155	1,065	1,006	1,011	*994*	1,063	1,108	1,142	1,223	1,221	1,302	1,351	**1,374**	72.3
Shirts	2,380	*2,224*	2,264	2,249	2,261	2,289	2,273	2,328	2,340	2,443	2,537	2,642	**2,710**	82.1
Silk goods, including throwsters	17,252	16,460	*15,452*	16,359	16,827	17,040	17,336	17,477	17,382	17,786	18,016	18,349	**18,540**	83.3
Tobacco, cigars and cigarettes	7,113	7,412	7,703	7,454	7,064	6,802	6,878	6,411	*5,503*	6,207	7,347	8,111	**8,524**	64.6
Worsted goods	6,998	6,657	*1,663*	1,682	6,952	7,790	8,116	8,442	8,473	**8,590**	8,425	8,518	8,548	19.4
Total for cities	402,485	401,864	384,086	*381,855*	390,536	395,123	398,771	404,147	407,717	408,997	416,371	417,672	**422,681**	90.3
Males	302,720	302,464	291,778	*290,525*	294,598	297,504	299,445	303,328	306,387	306,137	311,483	312,110	**316,881**	91.7
Females	99,765	99,400	92,308	*91,330*	95,938	97,619	99,326	100,819	101,330	102,860	104,888	105,562	**105,800**	86.3
ASBURY PARK	393	*349*	353	352	379	400	426	450	448	413	386	374	386	77.6
Males	199	*158*	161	160	182	196	222	239	249	227	204	189	201	63.5
Females	194	191	192	192	197	204	204	211	199	186	*182*	185	185	86.3
ATLANTIC CITY	958	*804*	833	879	912	947	991	**1,107**	1,101	1,011	975	959	977	72.6
Males	887	*746*	771	805	838	875	913	1,019	1,018	937	907	899	916	73.2
Females	71	*58*	62	74	74	72	78	88	83	74	68	60	61	65.9
BAYONNE	14,994	15,983	15,508	14,396	*13,886*	14,255	14,277	14,682	14,890	15,183	15,539	15,413	15,916	86.9
Males	13,254	14,141	13,710	12,726	*12,209*	12,526	12,635	12,949	13,168	13,424	13,803	13,670	14,087	86.3
Females	1,740	**1,842**	1,798	*1,670*	1,677	1,729	1,642	1,733	1,722	1,759	1,736	1,743	1,829	90.7
BELLEVILLE	1,856	1,885	1,906	**1,996**	1,952	1,799	*1,734*	1,753	1,789	1,809	1,875	1,885	1,889	86.9
Males	1,539	1,573	1,567	**1,641**	1,608	1,518	*1,453*	1,461	1,491	1,501	1,545	1,548	1,562	88.5
Females	317	312	339	**355**	344	*281*	*281*	292	298	308	330	337	327	79.2
BLOOMFIELD	5,150	5,247	5,240	**5,381**	5,150	5,089	*4,982*	5,004	5,035	5,052	5,066	5,290	5,264	92.6
Males	3,475	3,624	3,614	**3,699**	3,604	3,531	3,412	3,343	3,357	3,305	*3,302*	3,448	3,461	89.3
Females	1,675	1,623	1,626	1,682	*1,546*	1,558	1,570	1,661	1,678	1,747	1,764	1,842	1,803	83.9
BRIDGETON	2,329	2,243	2,172	2,154	*2,119*	2,204	2,315	2,249	2,304	2,389	**2,626**	2,587	2,586	80.7
Males	1,710	1,768	1,729	1,700	1,695	1,676	1,673	*1,508*	1,586	1,579	1,805	1,841	**1,960**	76.9
Females	619	475	443	454	*424*	528	642	741	718	810	**821**	746	626	51.6
CAMDEN	40,906	*35,261*	36,110	36,220	37,512	38,613	40,188	41,653	43,714	44,365	45,413	**45,989**	45,834	76.7
Males	34,418	*28,534*	29,395	29,716	31,242	32,315	33,885	35,219	37,464	38,042	38,804	**39,275**	39,125	72.7
Females	6,488	**6,727**	6,715	6,504	6,270	6,298	6,303	6,434	*6,250*	6,323	6,609	6,714	6,709	92.9
CLIFTON	3,253	3,178	*2,525*	2,555	3,011	3,223	3,336	3,479	3,496	3,512	3,525	3,574	**3,622**	69.7
Males	1,987	1,911	*1,578*	1,647	1,823	1,944	2,033	2,133	2,143	2,131	2,127	2,179	**2,195**	71.9
Females	1,266	1,267	947	*908*	1,188	1,279	1,303	1,346	1,353	1,381	1,398	1,395	**1,427**	63.6
EAST ORANGE	2,683	2,589	2,612	2,564	*2,489*	2,555	2,666	2,732	2,745	2,794	**2,850**	2,805	2,795	87.3
Males	1,797	*1,580*	1,626	1,616	1,628	1,738	1,846	1,878	1,844	1,926	**1,971**	1,942	1,969	80.2
Females	886	1,009	986	948	861	*817*	820	854	901	868	879	863	826	81.0
ELIZABETH	18,386	18,346	18,148	18,422	18,234	18,318	*18,086*	18,598	**18,607**	18,473	18,590	18,466	18,344	97.2
Males	15,626	15,766	15,527	15,732	15,537	15,670	*15,327*	15,744	**15,787**	15,636	15,658	15,489	15,639	97.1
Females	2,760	*2,580*	2,621	2,690	2,697	2,648	2,759	2,854	2,820	2,837	2,932	**2,977**	2,705	86.7
ENGLEWOOD	256	220	*218*	225	237	246	242	245	252	299	297	302	289	72.2
Males	180	*158*	161	166	178	181	181	185	190	**194**	193	191	182	81.4
Females	76	62	*57*	59	59	65	61	60	62	105	104	111	107	51.4
GARFIELD	5,025	5,209	1,867	*1,477*	4,739	5,038	5,652	5,887	6,128	**6,184**	5,970	6,095	6,054	23.9
Males	2,659	2,648	*1,171*	1,213	2,496	2,811	2,905	3,102	3,082	3,106	3,097	3,178	3,099	36.8
Females	2,366	2,561	696	*264*	2,243	2,227	2,747	2,785	3,046	3,078	2,873	2,917	2,955	8.6
GLOUCESTER	6,225	**8,322**	7,804	7,374	7,273	6,229	5,691	5,149	5,116	*4,662*	5,289	5,772	6,019	56.0
Males	5,153	**7,288**	6,762	6,320	6,187	5,163	4,641	4,064	4,077	*3,630*	4,214	4,632	4,858	43.8
Females	1,072	1,034	1,042	1,054	1,086	1,066	1,050	1,085	1,039	*1,032*	1,075	1,140	1,161	88.9
HACKENSACK	698	642	633	*625*	646	650	665	682	737	752	770	765	809	77.3
Males	405	382	368	*362*	378	381	393	382	414	433	455	446	466	77.7
Females	293	*260*	265	263	268	269	272	300	323	319	315	319	343	75.8
HARRISON	13,026	13,406	13,387	13,043	13,498	13,001	13,111	13,020	12,710	12,808	*12,707*	12,769	12,852	94.1
Males	10,764	10,861	10,689	*10,434*	10,922	10,598	10,856	10,864	10,654	10,692	10,772	10,851	**10,975**	95.1
Females	2,262	2,545	2,698	2,609	2,576	2,403	2,255	2,156	2,056	2,116	1,935	1,918	*1,877*	69.6

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

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

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
HOBOKEN	15,933	17,430	17,156	17,458	15,644	15,325	*14,282*	14,576	14,843	16,231	15,473	15,076	**17,702**	80.7
Males	12,827	14,123	13,876	14,117	12,679	12,331	*11,343*	11,514	11,746	13,173	12,396	11,984	**14,642**	77.5
Females	3,106	3,307	3,280	3,341	2,965	2,994	*2,939*	3,062	3,097	3,058	3,077	3,092	**3,060**	88.0
IRVINGTON	1,956	1,777	*1,728*	1,760	1,811	1,914	1,778	1,945	1,984	2,052	2,155	2,244	**2,329**	74.0
Males	1,773	1,603	*1,564*	1,587	1,627	1,735	1,597	1,756	1,803	1,868	1,957	2,047	**2,132**	73.4
Females	183	174	*159*	173	184	179	181	189	181	184	**198**	197	197	80.3
JERSEY CITY	36,981	37,802	37,509	36,264	*35,571*	36,465	36,496	36,839	36,319	37,285	37,672	37,327	**38,223**	93.1
Males	27,025	27,553	27,490	26,525	*25,800*	26,591	26,818	26,771	26,712	27,470	27,536	27,207	**27,917**	92.4
Females	9,956	10,249	10,109	9,739	9,771	9,874	9,678	10,068	*9,607*	9,815	10,136	10,120	**10,306**	93.2
KEARNY	14,860	16,209	**17,199**	16,924	15,139	15,154	14,811	14,891	14,477	14,114	13,463	13,110	*12,829*	74.6
Males	14,521	15,871	**16,869**	16,585	14,799	14,820	14,480	14,542	14,113	13,746	13,128	12,798	*12,501*	74.1
Females	339	338	330	339	340	334	331	349	364	**368**	335	*312*	328	84.8
LONG BRANCH	841	*622*	649	698	718	816	898	972	**984**	949	913	953	920	63.2
Males	366	*254*	268	288	303	350	403	450	434	423	406	411	402	56.4
Females	475	*368*	381	410	415	466	495	522	**550**	526	507	542	518	66.9
MILLVILLE	3,857	3,758	*3,194*	3,482	3,849	3,890	4,234	4,042	3,808	3,882	3,982	4,077	4,086	75.4
Males	2,918	2,894	*2,335*	2,566	2,926	3,000	3,252	3,076	2,843	2,910	3,000	3,108	3,106	71.8
Females	939	864	*859*	916	923	890	982	966	965	972	**982**	969	980	87.5
MONTCLAIR	281	265	*260*	*260*	273	263	275	268	322	296	298	296	296	80.7
Males	225	212	207	*206*	219	212	218	207	**257**	244	236	240	242	80.2
Females	56	53	53	54	54	*51*	57	61	**65**	52	62	56	54	78.5
MORRISTOWN	248	*206*	212	221	231	236	257	258	262	272	268	**282**	271	73.0
Males	185	162	*159*	169	176	181	193	197	200	202	200	195	186	78.7
Females	63	*44*	53	52	55	55	64	61	62	70	68	**87**	85	50.6
NEW BRUNSWICK	7,673	10,016	**10,032**	9,458	7,997	6,721	6,638	*6,217*	6,508	7,045	7,077	7,198	7,169	62.0
Males	4,785	6,866	**6,967**	6,477	5,011	*3,768*	3,830	3,851	4,074	4,105	4,124	4,193	4,154	54.1
Females	2,888	3,150	3,065	2,981	2,986	2,953	2,808	*2,366*	2,434	2,940	2,953	3,005	3,015	75.1
NEWARK	86,707	81,677	*81,528*	83,497	84,656	86,006	87,308	88,537	89,247	87,581	**90,541**	89,795	90,111	90.0
Males	65,773	61,570	*61,333*	63,044	64,330	65,670	66,794	67,645	68,186	66,484	**68,414**	67,892	67,914	89.6
Females	20,934	*20,107*	20,195	20,453	20,326	20,336	20,514	20,892	21,061	21,097	22,127	21,903	**22,197**	90.6
ORANGE	2,712	**2,964**	2,937	2,702	*2,539*	2,621	2,684	2,715	2,646	2,677	2,668	2,690	2,701	85.7
Males	1,823	1,913	**1,925**	1,771	*1,718*	1,792	1,803	1,849	1,823	1,824	1,804	1,825	1,829	89.2
Females	889	**1,051**	1,012	931	*821*	829	881	866	823	853	864	865	872	78.1
PASSAIC	18,203	18,111	10,163	7,794	16,895	19,053	20,167	20,757	20,948	20,925	21,093	21,218	**21,312**	36.6
Males	10,853	10,644	6,230	*5,263*	10,244	11,175	11,762	12,191	12,362	12,359	12,553	12,609	**12,844**	41.0
Females	7,350	7,467	3,933	*2,531*	6,651	7,878	8,405	8,566	8,586	8,566	8,540	**8,609**	8,468	29.4
PATERSON	37,217	37,375	*33,883*	36,272	36,811	37,331	37,645	38,183	36,897	36,114	37,729	38,825	**39,539**	85.7
Males	22,545	23,291	*20,820*	22,044	22,494	22,855	22,872	23,302	22,072	21,026	22,520	23,324	**23,920**	87.0
Females	14,672	14,084	*13,063*	14,228	14,317	14,476	14,773	14,881	14,825	15,088	15,209	15,501	**15,619**	83.6
PERTH AMBOY	9,197	9,623	9,304	8,823	8,740	8,693	*8,656*	8,787	**9,630**	9,581	9,534	9,404	9,589	89.9
Males	7,162	**7,678**	7,341	6,877	6,882	*6,667*	6,730	7,270	7,493	7,395	7,305	7,136	7,170	86.8
Females	2,035	1,945	1,963	1,946	1,858	2,026	1,926	*1,517*	2,137	2,186	2,229	2,268	2,419	62.7
PHILLIPSBURG	5,403	**5,995**	5,743	5,227	5,215	5,280	5,296	*4,666*	5,347	5,388	5,567	5,587	5,525	77.8
Males	4,259	**4,896**	4,653	4,144	4,115	4,175	4,185	*3,523*	4,212	4,197	4,335	4,345	4,329	71.9
Females	1,144	1,099	1,090	*1,083*	1,100	1,105	1,111	1,144	1,135	1,191	1,232	**1,242**	1,196	87.2
PLAINFIELD	3,421	**4,067**	3,634	3,349	*3,136*	3,203	3,218	3,347	3,319	3,319	3,407	3,462	3,591	77.1
Males	2,965	**3,546**	3,172	2,910	*2,720*	2,757	2,790	2,924	2,887	2,861	2,933	2,986	3,094	76.7
Females	456	**521**	462	439	*416*	446	428	423	432	458	474	476	497	79.8
RAHWAY	1,697	1,686	1,541	1,617	1,566	*1,499*	1,591	1,725	1,727	1,649	1,850	1,925	**1,988**	75.4
Males	1,281	1,293	1,167	1,228	1,216	*1,156*	1,234	1,317	1,304	1,250	1,375	1,392	**1,440**	80.3
Females	416	393	374	389	350	*343*	357	408	423	399	475	533	**548**	62.6
TRENTON	24,547	24,345	24,056	23,928	23,047	*23,036*	23,674	24,261	24,860	25,310	25,806	26,082	**26,159**	88.1
Males	18,658	18,548	18,200	18,089	17,878	*17,848*	18,003	18,355	18,863	19,190	19,509	19,685	**19,728**	90.5
Females	5,889	5,797	5,856	5,839	*5,169*	5,188	5,671	5,906	5,997	6,120	6,297	6,397	**6,431**	80.4
UNION	1,506	1,377	*1,321*	1,429	1,493	1,498	1,532	1,534	1,576	1,581	1,578	**1,586**	1,567	83.3
Males	768	722	*711*	727	758	765	763	769	802	798	794	**807**	800	88.1
Females	738	655	*610*	702	735	733	769	765	774	783	**784**	779	767	77.8
WEST HOBOKEN	3,565	3,512	*3,179*	3,307	3,505	3,536	3,521	3,625	3,691	3,746	3,742	3,676	3,740	84.9
Males	1,409	1,337	*1,193*	1,281	1,413	1,405	1,415	1,457	1,483	1,510	1,494	1,450	1,470	79.0
Females	2,156	2,175	*1,986*	2,026	2,092	2,131	2,106	2,168	2,208	2,236	2,248	2,226	2,270	87.5
WEST NEW YORK	3,208	2,958	*2,928*	3,041	3,071	3,099	3,130	3,354	3,376	3,380	**3,411**	3,373	3,375	85.8
Males	1,334	*1,184*	1,198	1,276	1,296	1,313	1,339	1,394	1,401	1,417	1,442	1,367	1,381	82.1
Females	1,874	1,774	*1,730*	1,765	1,775	1,786	1,791	1,960	1,975	1,963	1,969	2,006	1,994	86.2
ALL OTHER CITIES [1]	6,334	6,405	6,619	6,681	6,592	6,917	6,318	5,958	*5,874*	5,914	6,266	6,441	6,023	84.9
Males	5,212	5,166	5,361	5,414	5,467	5,815	5,246	4,879	*4,793*	4,922	5,165	5,331	4,985	82.4
Females	1,122	1,239	1,258	1,267	1,125	1,102	1,072	1,079	1,081	*992*	1,101	1,110	1,038	78.3

[1] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries	1919	508,686	120,136	19,969	162,437	101,586	28,314	57,527	12,943	5,774
	1914	373,605	(2)	(2)	28,298	62,279	60,538	177,308	32,349	12,833
	1909	326,223	(2)	(2)	16,189	25,713	45,861	173,701	49,716	15,043
Automobile bodies and parts	1919	3,160	366	.....	1,515	1,049	121	108	1	.....
	1914	1,989	(2)	(2)	13	1,037	311	621	7	.....
Automobiles	1919	2,359	379	1,021	936	.....	23	.....	.....	.....
	1914	531	(2)	(2)	5	.....	463	56	7	.....
Boots and shoes, not including rubber boots and shoes	1919	2,835	600	85	471	1,149	.....	530	.....	.....
	1914	3,834	(2)	(2)	245	262	4	3,310	13	.....
Boxes, paper and other, not elsewhere specified	1919	2,659	158	60	1,311	1,056	2	72	.....	.....
	1914	2,176	(2)	(2)	109	317	319	1,317	114	.....
Brass, bronze, and copper products	1919	2,185	324	8	579	432	370	445	27	.....
	1914	1,236	(2)	(2)	22	113	276	800	25	.....
Bread and other bakery products	1919	5,911	224	612	3,538	441	672	149	231	44
	1914	5,712	(2)	(2)	465	123	1,536	411	2,931	249
Brick and tile, terra-cotta, and fire-clay products	1919	3,544	201	.....	308	1,067	1,300	537	131	.....
	1914	7,786	(2)	(2)	112	192	2,784	1,967	2,731	.....
Buttons	1919	2,570	40	.....	974	1,057	361	138	.....	.....
	1914	1,773	(2)	(2)	74	59	165	1,472	3	.....
Canning and preserving, fruits and vegetables	1919	2,685	56	19	22	333	147	1,669	424	15
	1914	2,686	(2)	(2)	198	160	178	1,342	808	.....
Cars and general shop construction and repairs by steam-railroad companies.	1919	10,321	387	.....	7,674	.....	2	2,169	33	56
	1914	6,835	(2)	(2)	779	3,659	1,661	.....	134	602
Chemicals	1919	12,472	25	2,037	4,853	860	260	2,242	2,116	79
	1914	6,276	(2)	(2)	25	91	65	3,457	1,115	1,523
Clothing, men's	1919	4,801	3,727	298	441	227	46	50	9	3
	1914	4,715	(2)	(2)	429	1,698	386	2,140	62	.....
Clothing, women's	1919	5,696	2,527	1,007	836	1,175	36	115	.....	.....
	1914	5,423	(2)	(2)	277	2,464	1,491	1,061	104	26
Coal-tar products [3]	1919	6,495	.....	21	4,300	254	677	956	228	59
Confectionery and ice cream	1919	2,955	341	24	1,498	400	180	190	112	210
	1914	1,810	(2)	(2)	84	308	102	855	271	190
Cordage and twine	1919	2,334	.....	.....	.....	2,076	.....	258	.....	.....
	1914	760	(2)	(2)	1	.....	221	318	220	.....
Corsets	1919	2,152	20	497	1,205	257	173	.....	.....	.....
	1914	2,592	.....	.....	.....	2,137	84	354	17	.....
Cotton goods	1919	9,261	369	.....	4,100	4,050	55	687	.....	.....
	1914	7,144	.....	.....	.....	46	.....	6,407	691	.....
Cutlery and edge tools	1919	1,951	19	20	270	666	2	974	.....	.....
	1914	1,551	(2)	(2)	196	526	.....	746	83	.....
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	14,492	8,957	40	992	2,154	712	1,635	2	.....
	1914	11,683	(2)	(2)	7	912	159	9,203	1,402	.....
Electrical machinery, apparatus, and supplies	1919	26,135	2,643	4,394	13,479	4,298	66	1,255	.....	.....
	1914	14,405	(2)	(2)	262	3,638	4,878	5,223	404	.....
Engines, steam, gas, and water	1919	2,392	881	135	123	521	43	689	.....	.....
	1914	677	(2)	(2)	2	.....	589	83	3	.....
Foundry and machine-shop products [4]	1919	28,410	3,205	1,310	10,756	7,272	3,149	2,336	382	.....
	1914	18,099	(2)	(2)	912	2,418	6,040	7,465	576	688
Furnishing goods, men's	1919	2,841	168	.....	2,122	420	39	92	.....	.....
	1914	3,920	(2)	(2)	90	678	25	3,127	.....	.....
Furniture	1919	2,136	522	.....	513	844	131	126	.....	.....
	1914	2,287	(2)	(2)	81	129	244	1,588	245	.....
Gas, illuminating and heating	1919	2,083	5	.....	1,418	43	140	255	23	199
	1914	2,205	(2)	(2)	7	3	102	46	233	1,814
Glass	1919	5,942	1,136	744	942	2,044	822	83	171	.....
	1914	5,784	(2)	(2)	864	3,602	918	.....	151	249
Hats, fur-felt	1919	3,303	2,619	267	65	323	.....	29	.....	.....
	1914	4,401	(2)	(2)	700	3,075	245	374	7	.....
Iron and steel, steel works and rolling mills	1919	13,811	.....	.....	.....	962	3,329	9,380	81	59
	1914	4,639	.....	.....	.....	1,842	579	1,067	1,151	.....
Iron and steel, cast-iron pipe	1919	2,035	.....	.....	.....	242	548	741	504	.....
	1914	3,421	.....	.....	.....	.....	100	1,875	1,446	.....
Jewelry	1919	3,234	2,693	67	193	230	2	49	.....	.....
	1914	3,408	(2)	(2)	521	607	1,077	1,201	2	.....

[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.
Knit goods	1919	4,853	462	114	980	2,552	582	163	.....	.....
	1914	4,025	(2)	(2)	73	171	303	3,328	90	.....
Leather, tanned, curried, and finished	1919	5,499	104	.....	2,220	2,183	253	459	280	.....
	1914	5,108	(2)	(2)	110	341	283	3,592	782	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	1,950	784	31	211	725	147	49	3	.....
	1914	2,377	(2)	(2)	494	556	500	694	133	.....
Millinery and lace goods, not elsewhere specified	1919	6,254	199	144	1,026	4,288	123	424	4	46
	1914	5,573	(2)	(2)	53	205	2,210	2,751	350	4
Oilcloth and linoleum, floor	1919	2,136	.....	.....	.....	1,059	400	677	.....	.....
	1914	1,858	.....	.....	.....	439	384	886	149	.....
Paper and wood pulp	1919	3,108	667	.....	832	454	56	451	205	443
	1914	2,927	.....	.....	.....	.....	78	789	438	1,622
Pencils, lead [3]	1919	2,842	1,107	.....	.....	1,592	.....	83	.....	.....
Petroleum, refining	1919	10,178	81	701	9,213	183	.....	.....	.....	.....
	1914	5,178	.....	.....	.....	.....	4,992	.....	186	.....
Phonographs and graphophones [3]	1919	12,266	8	.....	9,853	121	12	2,266	6	.....
Pottery	1919	5,717	1,144	218	144	2,559	922	622	108	.....
	1914	5,225	(2)	(2)	1,785	1,985	1,003	381	3	68
Printing and publishing, book and job	1919	2,339	129	31	2,024	118	16	19	2	.....
	1914	1,698	(2)	(2)	908	547	195	42	6	.....
Printing and publishing, newspapers and periodicals	1919	2,352	215	62	1,729	184	44	114	3	1
	1914	2,470	(2)	(2)	1,708	224	271	196	68	3
Pumps, steam and other power [3]	1919	2,408	225	.....	14	2,116	53	.....	.....	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified	1919	12,353	205	.....	2,554	2,899	337	4,752	1,606	.....
	1914	6,316	(2)	(2)	10	1,139	41	3,666	1,460	.....
Shipbuilding, steel	1919	50,251	40,781	312	9,158	.....	.....	.....	.....	.....
	1914	5,142	(2)	(2)	4,847	226	69	.....	.....	.....
Shipbuilding, wooden, including boat building	1919	2,146	774	.....	819	151	176	22	200	4
	1914	1,182	(2)	(2)	218	426	500	1	35	2
Shirts	1919	2,884	1,795	289	199	568	33	.....	.....	.....
	1914	3,502	(2)	(2)	209	237	385	2,572	99	.....
Silk goods, including throwsters	1919	32,326	24,332	1,744	2,333	3,109	118	161	52	477
	1914	28,263	(2)	(2)	33	1,532	534	26,148	16	.....
Slaughtering and meat packing	1919	3,566	180	8	3,233	40	42	23	40	.....
	1914	2,033	(2)	(2)	459	15	23	240	1,225	71
Smelting and refining, copper	1919	4,066	.....	.....	1,915	.....	.....	2,151	.....	.....
	1914	3,344	.....	.....	.....	.....	792	1,915	637	.....
Soap	1919	2,889	2	.....	2,206	543	20	118	.....	.....
	1914	2,057	(2)	(2)	17	1,609	56	355	20	.....
Stamped ware, not elsewhere specified	1919	2,446	313	.....	1,013	423	.....	697	.....	.....
	1914	2,263	(2)	(2)	51	48	727	1,282	155	.....
Structural ironwork, not made in steel works or rolling mills	1919	2,115	248	57	175	1,224	365	46	.....	.....
	1914	2,603	(2)	(2)	56	984	582	978	3	.....
Tinware, not elsewhere specified	1919	1,990	.....	.....	1,011	500	113	366	.....	.....
	1914	1,328	.....	.....	.....	287	452	577	12	.....
Tobacco manufactures	1919	10,161	2,164	12	441	2,547	2,238	2,342	417	.....
	1914	15,830	(2)	(2)	1,005	503	812	12,908	602	.....
Wire [3]	1919	1,923	.....	53	.....	66	784	1,020	.....	.....
Woolen and worsted goods	1919	14,490	.....	.....	13,464	.....	28	906	.....	92
	1914	14,280	.....	.....	.....	.....	13	14,262	5	.....
All other industries	1919	110,018	11,565	3,527	30,236	35,480	8,044	11,637	5,542	3,987
	1914	109,265	(2)	(2)	9,782	20,709	20,271	41,859	10,919	5,725
Total for cities [4]	1919	402,485	107,689	16,556	130,604	82,692	18,039	39,789	4,737	2,379
	1914	283,219	(2)	(2)	24,362	48,825	48,042	137,363	18,269	6,358
ASBURY PARK	1919	393	51	4	92	142	97	2	5	.....
	1914	312	(2)	(2)	46	109	89	5	52	11
ATLANTIC CITY	1919	958	19	8	425	108	78	79	28	213
	1914	918	(2)	(2)	213	66	303	1	220	115
BAYONNE	1919	14,994	837	599	11,696	1,412	259	187	.....	4
	1914	10,150	(2)	(2)	43	301	6,817	1,464	174	1,351
BELLEVILLE	1919	1,856	292	2	214	1,011	86	251	.....	.....
BLOOMFIELD	1919	5,150	334	12	3,697	867	118	79	.....	43
	1914	3,177	(2)	(2)	124	91	1,661	1,243	8	50

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] Not shown separately in 1914.
[4] Excludes West Orange in 1914 to avoid disclosure of individual operations.

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

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48.[1]	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
BRIDGETON	1919	2,329	628	167	106	298	337	568	170	55
	1914	2,479	(2)	(2)	964	213	261	674	339	28
CAMDEN	1919	40,906	17,813	104	14,212	3,712	562	3,312	904	287
	1914	22,541	(2)	(2)	4,407	1,058	7,103	7,432	1,134	1,407
CLIFTON	1919	3,253	614	100	1,521	826	139	23	30	.....
EAST ORANGE	1919	2,683	88	378	684	426	147	957	1	2
	1914	1,949	(2)	(2)	117	117	982	683	49	1
ELIZABETH	1919	18,386	354	114	6,013	9,858	984	413	90	60
	1914	12,870	(2)	(2)	686	8,874	1,028	1,792	430	60
ENGLEWOOD	1919	256	38	.....	20	44	114	33	2	5
	1914	91	(2)	(2)	16	4	28	24	15	4
GARFIELD	1919	5,025	742	.....	3,595	245	451	31	1	.....
	1914	5,869	(2)	(2)	22	2	37	5,204	604	.....
GLOUCESTER	1919	6,225	4,251	.....	1,759	3	125	17	.....	70
	1914	1,945	(2)	(2)	1,381	2	21	320	216	5
HACKENSACK	1919	698	50	295	76	271	2	.....	4	.....
	1914	766	(2)	(2)	112	27	18	553	52	4
HARRISON	1919	13,026	102	2,044	4,135	3,170	3,071	504	.....	.....
	1914	7,404	(2)	(2)	563	2,146	1,841	2,050	800	4
HOBOKEN	1919	15,933	1,536	416	9,540	4,175	149	90	22	5
	1914	9,290	(2)	(2)	1,344	2,065	902	4,398	469	112
IRVINGTON	1919	1,056	131	24	620	387	173	578	43	.....
	1914	921	(2)	(2)	48	145	227	481	20	.....
JERSEY CITY	1919	36,921	3,871	1,336	15,260	9,599	461	4,807	1,443	204
	1914	31,021	(2)	(2)	1,709	4,888	6,301	13,686	3,414	1,023
KEARNY	1919	14,860	7,133	42	5,813	1,700	42	99	31	.....
	1914	5,094	(2)	(2)	25	1,674	115	2,837	442	1
LONG BRANCH	1919	841	257	49	347	33	108	40	1	6
	1914	410	(2)	(2)	83	211	23	6	27	60
MILLVILLE	1919	3,857	222	121	1,269	1,779	409	57	.....	.....
	1914	3,198	(2)	(2)	8	2,004	8	1,104	64	10
MONTCLAIR	1919	281	32	4	32	46	2	.....	3	162
	1914	382	(2)	(2)	68	43	27	51	18	175
MORRISTOWN	1919	248	53	51	84	2	52	.....	1	5
	1914	218	(2)	(2)	58	53	29	11	61	6
NEW BRUNSWICK	1919	7,673	1,509	95	925	3,383	672	878	104	107
	1914	6,448	(2)	(2)	304	367	1,323	4,303	147	4
NEWARK	1919	86,707	25,306	5,592	21,269	19,453	4,909	9,152	733	293
	1914	63,084	(2)	(2)	6,890	11,611	11,361	28,048	4,110	1,064
ORANGE	1919	2,712	843	496	631	574	63	99	5	1
	1914	2,126	(2)	(2)	230	1,552	30	279	24	11
PASSAIC	1919	18,203	350	261	15,749	1,086	73	546	63	75
	1914	17,142	(2)	(2)	379	763	66	14,275	1,654	5
PATERSON	1919	37,217	28,125	998	2,299	5,024	95	37	87	552
	1914	30,925	(2)	(2)	1,194	619	456	27,751	718	187
PERTH AMBOY	1919	9,197	1,130	89	1,831	1,716	892	3,183	314	42
	1914	9,202	(2)	(2)	168	187	2,091	5,752	822	182
PHILLIPSBURG	1919	5,403	2,365	57	271	1,850	18	422	420	.....
	1914	4,359	(2)	(2)	32	414	28	3,154	713	18
PLAINFIELD	1919	3,421	369	1,927	1,001	44	67	3	.....	10
	1914	1,832	(2)	(2)	77	414	649	637	50	5
RAHWAY	1919	1,697	13	524	490	432	13	166	.....	59
TRENTON	1919	24,547	2,070	499	1,909	6,130	2,899	10,732	211	97
	1914	19,828	(2)	(2)	2,540	7,740	3,025	5,418	780	325
UNION	1919	1,506	794	74	229	330	55	24	.....	.....
	1914	1,479	(2)	(2)	277	435	32	378	244	113
WEST HOBOKEN	1919	3,565	1,984	47	348	986	54	137	9	.....
	1914	3,454	(2)	(2)	174	232	677	2,289	74	8
WEST NEW YORK	1919	3,208	991	22	379	1,546	243	26	.....	1
	1914	2,335	(2)	(2)	60	398	483	1,060	325	9
ALL OTHER CITIES[3]	1919	6,334	1,892	5	2,063	64	20	2,257	12	21

[1] Includes 48 and under for 1914 and 1909.
[2] Corresponding figures not available.
[3] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	11,057	508,686	1,239	4,829	11,016	2,276	25,927	1,200	39,535	642	46,709	495	77,538	213	74,270	93	62,366	70	171,325
Automobile bodies and parts	110	3,160	7	59	123	25	254	12	427	3	281	2	342	1	440			1	1,293
Automobiles	6	2,359		1	5			1	23	1	73			1	379	1	858	1	1,021
Boots and shoes, not including rubber boots and shoes	34	2,835	3	1	1	5	48	9	319	7	550	6	981	3	936				
Boxes, paper and other, not elsewhere specified	51	2,659		5	15	12	159	21	712	7	495	4	668	2	610				
Brass, bronze, and copper products	67	2,185	3	24	61	18	189	10	298	5	406	7	1,231						
Bread and other bakery products	1,263	5,911	163	938	2,078	128	1,161	17	522	10	651	5	654	1	316	1	529		
Brick and tile, terra-cotta, and fire-clay products	67	3,544	1	8	16	13	198	26	870	7	583	11	1,526	1	351				
Buttons	70	2,570	2	19	41	21	333	13	381	9	704	5	756	1	355				
Canning and preserving, fruits and vegetables	53	2,685	1	10	35	28	348	8	295	2	125	3	438					1	1,444
Cars and general shop construction and repairs by steam-railroad companies	36	10,321		1	2			3	101	11	862	10	1,550	5	1,678	2	1,316	4	4,812
Chemicals	78	12,472		13	35	16	213	18	565	9	698	15	2,466	3	888	1	618	3	6,989
Clothing, men's	164	4,801	1	35	99	56	692	51	1,783	17	1,160	2	244	2	823				
Clothing, women's	255	5,696	8	58	157	105	1,364	56	1,769	22	1,526	6	880						
Coal-tar products	48	6,495		9	45	17	197	6	183	8	604	5	839	1	370	1	702	1	3,555
Confectionery and ice cream	245	2,955	35	154	318	34	340	10	296	9	632	1	249	1	355	1	765		
Cordage and twine	6	2,334										1	144	4	1,380	1	810		
Corsets	21	2,152		4	10	4	54	5	176	1	58	3	392	4	1,462				
Cotton goods	33	9,261		4	12	4	51	8	288	2	136	6	1,057	5	1,759			4	5,958
Cutlery and edge tools	28	1,951		7	14	4	56	9	301	3	258	2	260	3	1,062				
Dyeing and finishing textiles, exclusive of that done in textile mills	132	14,492	1	22	61	29	367	36	1,177	14	964	16	2,304	6	2,058	5	3,206	3	4,355
Electrical machinery, apparatus, and supplies	105	26,135		16	41	24	335	20	745	6	434	14	2,433	11	3,936	6	4,037	8	14,174
Engines, steam, gas, and water	15	2,392	1	2	5	2	28	3	104	2	169	2	238	1	278	2	1,570		
Foundry and machine-shop products	446	25,033	31	144	372	116	1,320	62	2,057	39	2,679	38	6,374	10	3,508	3	1,911	3	6,802
Furnishing goods, men's	29	2,841	2	2	6	3	40	10	354	7	557	2	365	2	855	1	664		
Furniture	78	2,136	6	37	74	15	160	9	311	5	352	4	575	2	664				
Gas, illuminating and heating	38	2,083	1	12	26	11	124	5	169	3	211	3	385	3	1,168				
Glass	21	5,942				2	25	3	116	2	142	4	602	7	2,493	2	1,107	1	1,457
Hats, fur-felt	31	3,303	1	9	21			6	210	6	388	4	724	4	1,402	1	558		
Iron and steel, steel works and rolling mills	16	13,811						1	30	4	316	1	182	3	943	4	2,200	3	10,140
Iron and steel, cast-iron pipe	8	2,035								2	145	3	559	2	770	1	561		
Jewelry	174	3,234	11	50	146	68	738	29	906	11	712	5	732						
Knit goods	90	4,853	4	25	59	28	333	13	427	9	730	3	550	7	2,061	1	693		
Leather, tanned, curried, and finished	73	5,499	1	8	26	15	164	22	753	12	854	10	1,534	3	972	2	1,196		
Lumber, planing-mill products, not including planing mills connected with sawmills	168	1,950	10	83	215	52	567	15	447	7	522	1	199						
Millinery and lace goods, not elsewhere specified	510	6,254	31	237	522	180	1,920	44	1,513	12	940	5	842			1	517		
Oilcloth and linoleum, floor	10	2,136						2	78	1	74	5	747	1	324	1	913		
Paper and wood pulp	33	3,108		1	5	2	32	12	403	8	515	8	1,135	1	351	1	667		
Pencils, lead	5	2,842						1	22	2	140							2	2,680
Petroleum, refining	9	10,178								3	264					2	1,234	4	8,680
Phonographs and graphophones	15	12,266	1	2	8	2	18	3	102	1	72	2	300			1	613	3	11,153
Pottery	53	5,717		3	4	9	106	4	116	17	1,177	16	2,670	3	1,093	1	551		
Printing and publishing, book and job	421	2,339	133	215	447	58	563	8	202	3	255	3	594	1	278				
Printing and publishing, newspapers and periodicals	295	2,352	73	152	400	45	495	15	483	8	596	2	378						
Pumps, steam and other power	6	2,408				3	41			1	53	1	225					1	2,089
Rubber tires, tubes, and rubber goods, not elsewhere specified	65	12,353		4	10	13	178	12	416	10	707	14	2,414	6	2,136	3	2,668	3	3,824
Shipbuilding, steel	13	50,251	1									2	250	2	673	1	727	7	48,601
Shipbuilding, wooden, including boat building	80	2,146	15	37	77	10	106	5	189	5	323	6	934	2	517				
Shirts	46	2,884		7	23	10	132	13	438	10	708	4	550	1	283	1	750		
Silk goods, including throwsters	686	32,326	9	109	304	227	2,857	171	5,697	89	6,666	65	9,385	14	5,583	1	794	1	1,040
Slaughtering and meat packing	46	3,566	1	15	36	18	206	3	126	2	57	2	325	3	979	1	615	1	1,122
Smelting and refining, copper	4	4,066														2	1,499	2	2,567
Soap	16	2,889		6	22	2	24	2	77	3	202	1	118	1	306			1	2,140
Stamped ware, not elsewhere specified	29	2,446		6	22	7	77	9	311	1	65	2	221	2	709	2	1,041		
Structural ironwork, not made in steel works or rolling mills	73	2,115	4	38	94	12	143	10	361	3	216	3	355	3	946				
Tinware, not elsewhere specified	9	1,990		1	2			1	28			4	658	2	770	1	532		
Tobacco, cigars and cigarettes	308	8,443	146	102	170	23	242	7	203	5	433	16	2,708	3	900	6	3,787		
Wire	7	1,923		1	1					2	117	1	114	1	298	2	1,393		
Worsted goods	20	13,219						2	50	3	242	2	281	6	2,166	4	2,947	3	7,533
All other industries	4,239	116,384	532	2,133	4,750	800	8,920	359	11,595	191	13,810	127	19,901	62	21,686	26	17,817	9	17,896

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
Total for cities	7,984	402,485	811	3,339	7,967	1,734	19,658	945	30,957	515	37,304	362	56,949	148	51,697	74	49,429	56	148,524
ASBURY PARK	60	393	12	34	72	10	100	3	130	1	91	.....	.....	.....	.....	.....	.....	.....	.....
ATLANTIC CITY	154	958	15	102	221	28	312	6	201	3	224	.....	.....	.....	.....	.....	.....	.....	.....
BAYONNE	152	14,994	6	68	160	29	344	18	615	9	609	10	1,673	6	2,439	3	1,990	3	7,164
BELLEVILLE	48	1,856	4	22	56	5	47	5	187	6	445	4	581	2	540	.....	.....	.....	.....
BLOOMFIELD	59	5,150	6	18	33	12	158	10	301	3	228	7	1,243	.....	.....	2	1,588	1	1,599
BRIDGETON	87	2,329	3	37	88	17	179	17	521	8	523	4	498	.....	.....	1	520	.....	.....
CAMDEN	336	40,906	44	120	328	68	725	38	1,288	22	1,556	24	3,656	11	3,889	6	3,314	3	26,150
CLIFTON	49	3,253	3	17	26	12	118	4	123	4	325	4	663	5	1,998	.....	.....	.....	.....
EAST ORANGE	76	2,683	12	46	105	8	104	1	23	3	204	2	281	2	607	2	1,269	.....	.....
ELIZABETH	226	18,386	33	96	205	37	427	26	852	18	1,344	8	1,226	3	962	2	1,304	3	12,066
ENGLEWOOD	29	256	5	18	42	3	47	2	58	.....	.....	1	109	.....	.....	.....	.....	.....	.....
GARFIELD	56	5,025	7	23	48	10	114	6	192	3	221	2	349	1	377	3	2,318	1	1,406
GLOUCESTER	21	6,225	3	8	15	2	17	2	61	1	70	3	566	.....	.....	.....	.....	2	5,496
HACKENSACK	45	698	8	19	56	16	190	.....	.....	.....	.....	1	163	1	289	.....	.....	.....	.....
HARRISON	63	13,026	6	23	51	11	143	6	242	6	481	5	770	.....	.....	2	1,051	4	10,288
HOBOKEN	280	15,933	34	113	270	60	705	29	936	23	1,751	8	1,101	8	2,662	2	1,627	3	6,881
IRVINGTON	89	1,956	6	42	103	18	197	8	261	10	690	5	705	.....	.....	.....	.....	.....	.....
JERSEY CITY	896	36,981	65	424	1,060	190	2,069	99	3,138	43	3,098	37	5,955	22	7,325	9	5,520	7	8,816
KEARNY	49	14,860	4	15	39	15	174	5	155	2	165	2	300	1	409	2	1,528	3	12,090
LONG BRANCH	65	841	8	35	70	12	120	5	134	3	207	2	310	.....	.....	.....	.....	.....	.....
MILLVILLE	44	3,857	3	23	45	8	80	2	66	2	112	2	326	2	647	.....	.....	2	2,581
MONTCLAIR	34	281	8	19	44	6	75	.....	.....	.....	.....	1	162	.....	.....	.....	.....	.....	.....
MORRISTOWN	56	248	11	32	76	11	99	2	73	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NEW BRUNSWICK	138	7,673	18	64	128	19	202	11	372	10	783	8	1,170	4	1,357	3	1,943	1	1,718
NEWARK	2,155	86,707	213	838	2,042	502	5,620	297	9,726	156	11,085	97	15,228	31	10,932	15	9,550	6	22,524
ORANGE	81	2,712	12	41	84	8	78	9	262	3	230	5	940	3	1,118	.....	.....	.....	.....
PASSAIC	234	18,203	31	111	239	28	341	25	817	17	1,144	5	965	8	2,711	4	2,490	5	9,496
PATERSON	1,044	37,217	70	315	786	288	3,497	203	6,832	88	6,467	56	8,199	17	5,922	6	4,463	1	1,051
PERTH AMBOY	124	9,197	12	60	139	12	137	11	353	13	926	8	1,416	3	1,150	2	1,292	3	3,784
PHILLIPSBURG	53	5,403	8	19	44	5	57	3	114	6	439	9	1,366	1	416	.....	.....	2	2,967
PLAINFIELD	94	3,421	17	47	110	14	195	6	199	4	333	3	430	1	296	1	837	1	1,021
RAHWAY	36	1,697	3	14	38	8	91	2	67	5	331	2	390	2	780	.....	.....	.....	.....
TRENTON	389	24,547	46	170	366	67	782	34	1,066	24	1,842	27	4,792	12	4,016	7	5,187	2	6,496
UNION	116	1,506	18	54	125	27	282	13	404	2	143	1	106	1	446	.....	.....	.....	.....
WEST HOBOKEN	307	3,565	39	154	395	93	1,012	12	377	4	252	3	416	1	319	1	794	.....	.....
WEST NEW YORK	192	3,208	12	74	200	68	732	22	714	12	922	4	640	.....	.....	.....	.....	.....	.....
ALL OTHER CITIES[1]	47	6,334	6	24	58	7	88	3	97	1	63	2	254	.....	.....	1	844	3	4,930

[1] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes	11,057	9,742	8,817	508,686	373,605	326,223	$3,672,064,987	$1,406,633,414	$1,145,529,076	$1,401,591,708	$523,168,820	$425,495,677
Less than $5,000	2,007	2,775	2,288	1,352	3,560	3,094	5,244,581	7,168,727	5,815,878	3,410,547	4,705,929	3,771,297
$5,000 to $20,000	3,367	3,280	3,081	10,997	17,316	16,218	37,193,970	34,292,209	32,476,593	21,242,311	19,447,024	18,157,917
$20,000 to $100,000	2,996	2,153	2,053	35,449	44,300	43,646	135,068,707	96,112,033	90,682,537	70,823,249	49,259,473	46,875,049
$100,000 to $500,000	1,622	1,048	1,201	74,298	145,638	137,123	368,845,380	240,737,369	366,705,326	181,269,369	105,287,457	168,792,863
$500,000 to $1,000,000	470	254		60,449			330,320,324	175,515,757		153,609,185		
$1,000,000 and over	595	232	194	326,141	162,791	126,142	2,795,392,025	852,807,319	649,848,742	971,237,047	254,468,937	187,898,561
	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	18.2	28.5	25.9	0.3	1.0	0.9	0.1	0.5	0.5	0.2	0.9	0.9
$5,000 to $20,000	30.5	33.7	34.9	2.2	4.6	5.0	1.0	2.4	2.8	1.5	3.7	4.3
$20,000 to $100,000	27.1	22.1	23.3	7.0	11.9	13.4	3.7	6.8	7.9	5.1	9.4	11.0
$100,000 to $500,000	14.7	10.8	13.6	14.6	39.0	42.0	10.0	17.1	32.0	12.9	37.3	39.7
$500,000 to $1,000,000	4.2	2.6		11.9			9.0	12.5		11.0		
$1,000,000 and over	5.4	2.4	2.2	64.1	43.6	38.7	76.1	60.6	56.7	69.3	48.6	44.2

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 BODIES AND PARTS	110	45	100.0	100.0	3,160	1,989	100.0	100.0	$15,110,688	$5,355,290	100.0	100.0	$8,708,080	$3,475,541	100.0	100.0
Less than $5,000	22	14	20.0	31.1	16	15	0.5	0.8	66,562	39,506	0.4	0.7	43,186	28,030	0.5	0.8
$5,000 to $20,000	43	10	39.1	22.2	128	73	4.1	3.7	438,013	131,672	2.9	2.5	273,558	88,820	3.1	2.6
$20,000 to $100,000	30	10	27.3	22.2	350	205	11.1	10.3	1,309,869	480,844	8.7	9.0	828,252	281,075	9.5	8.1
$100,000 to $500,000	10	7	9.1	15.6	493	[1] 1,696	15.6	85.3	1,962,823	1,444,634	13.0	27.0	952,646	[1] 3,077,616	10.9	88.6
$500,000 and over	5	4	4.5	8.9	2,173	.....	68.8	.....	11,333,421	3,258,574	75.0	60.8	6,610,438	.....	75.9	.....
BOOTS AND SHOES, NOT INCLUDING RUBBER BOOTS AND SHOES	34	42	100.0	100.0	2,835	3,834	100.0	100.0	12,864,068	8,238,710	100.0	100.0	5,053,077	3,471,883	100.0	100.0
Less than $5,000	.....	5	.....	11.9	.....	9	.....	0.2	.....	11,276	.....	0.1	.....	6,400	.....	0.2
$5,000 to $20,000	[2] 5	5	14.7	11.9	[2] 9	39	0.3	1.0	[2] 20,022	58,345	0.2	0.7	[2] 15,926	29,304	0.3	0.8
$20,000 to $100,000	6	11	17.6	26.2	87	423	3.1	11.0	287,961	692,354	2.2	8.4	128,907	292,515	2.6	8.4
$100,000 to $500,000	17	17	50.0	40.5	1,279	[1] 3,363	45.1	87.7	4,830,357	3,907,265	37.5	47.4	1,948,841	[1] 3,143,664	38.6	90.5
$500,000 and over	6	4	17.6	9.5	1,460	.....	51.5	.....	7,725,128	3,569,470	60.1	43.3	2,959,403	.....	58.6	.....
BRASS, BRONZE, AND COPPER PRODUCTS	67	61	100.0	100.0	2,185	1,236	100.0	100.0	14,412,106	4,686,427	100.0	100.0	5,943,113	1,511,562	100.0	100.0
Less than $5,000	6	16	9.0	26.2	2	14	0.1	1.1	11,117	35,019	0.1	0.7	6,479	21,149	0.1	1.4
$5,000 to $20,000	16	18	23.9	29.5	48	68	2.2	5.5	212,819	226,371	1.5	4.8	114,217	103,550	1.9	6.9
$20,000 to $100,000	23	16	34.3	26.2	210	306	9.6	24.8	1,101,503	766,990	7.6	16.4	469,246	371,598	7.9	24.6
$100,000 to $500,000	13	8	19.4	13.1	525	[3] 848	24.0	68.6	3,410,128	1,585,510	23.7	33.8	1,408,625	[3] 1,015,265	23.7	67.2
$500,000 to $1,000,000	4	3	6.0	4.9	523	.....	23.9	.....	2,695,860	2,072,537	18.7	44.2	1,370,054	.....	23.1	.....
$1,000,000 and over	5	.....	7.5	.....	877	.....	40.1	.....	6,980,679	.....	48.4	.....	2,574,492	.....	43.3	.....
BREAD AND OTHER BAKERY PRODUCTS	1,263	1,278	100.0	100.0	5,911	5,712	100.0	100.0	55,763,446	22,310,018	100.0	100.0	18,851,358	9,352,016	100.0	100.0
Less than $5,000	82	238	6.5	18.6	26	173	0.4	3.0	256,959	736,629	0.5	3.3	96,037	313,118	0.5	3.3
$5,000 to $20,000	573	785	45.4	61.4	709	2,195	12.0	38.4	7,050,925	8,387,360	12.6	37.6	2,533,593	3,458,657	13.4	37.0
$20,000 to $100,000	558	233	44.2	18.2	2,298	2,148	38.9	37.6	20,477,749	7,973,190	36.7	35.7	7,061,726	3,207,704	37.5	34.3
$100,000 to $500,000	33	[3] 22	2.6	1.7	759	[3] 1,196	12.8	20.9	6,092,225	[3] 5,212,839	10.9	23.4	2,036,880	[3] 2,372,537	10.8	25.4
$500,000 to $1,000,000	10	.....	0.8	.....	679	.....	11.5	.....	6,842,981	.....	12.3	.....	2,393,821	.....	12.7	.....
$1,000,000 and over	7	.....	0.6	.....	1,440	.....	24.4	.....	15,042,607	.....	27.0	.....	4,729,301	.....	25.1	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES	53	52	100.0	100.0	2,685	2,686	100.0	100.0	24,618,704	11,366,906	100.0	100.0	9,803,231	4,813,725	100.0	100.0
Less than $5,000	3	5	5.7	9.6	4	12	0.1	0.4	9,591	11,356	(4)	0.1	1,099	5,983	(4)	0.1
$5,000 to $20,000	19	17	35.8	32.7	196	176	7.3	6.6	178,317	220,474	0.7	1.9	41,454	82,724	0.4	1.7
$20,000 to $100,000	20	22	37.7	42.3	319	604	11.9	22.5	989,282	1,088,603	4.0	9.6	302,716	370,387	3.1	7.7
$100,000 to $500,000	8	[5] 8	15.1	15.4	433	[5] 1,894	16.1	70.5	1,692,897	[5] 10,046,473	6.9	88.4	587,890	[5] 4,354,631	6.0	90.5
$1,000,000 and over	3	.....	5.7	.....	1,733	.....	64.5	.....	21,748,617	.....	88.3	.....	8,870,072	.....	90.5	.....
CHEMICALS	78	64	100.0	100.0	12,472	6,276	100.0	100.0	84,033,941	31,686,865	100.0	100.0	38,860,347	14,632,579	100.0	100.0
Less than $5,000	.....	3	.....	4.7	.....	8	.....	0.1	.....	11,506	.....	(4)	.....	7,392	.....	0.1
$5,000 to $20,000	8	6	10.3	9.4	25	34	0.2	0.5	85,653	78,797	0.1	0.2	21,357	31,299	0.1	0.2
$20,000 to $100,000	12	17	15.4	26.6	97	137	0.8	2.2	541,089	849,822	0.6	2.7	224,280	369,049	0.6	2.5
$100,000 to $500,000	26	20	33.3	31.3	710	[3] 1,981	5.7	31.6	5,870,319	5,377,397	7.0	17.0	2,766,828	[3] 4,441,641	7.1	30.4
$500,000 to $1,000,000	12	10	15.4	15.6	1,255	.....	10.1	.....	8,570,400	7,145,453	10.2	22.6	3,324,915	.....	8.6	.....
$1,000,000 and over	20	8	25.6	12.5	10,385	4,116	83.3	65.6	68,966,480	18,223,890	82.1	57.5	32,522,967	9,783,198	83.7	66.9
CLOTHING, MEN'S	164	118	100.0	100.0	4,801	4,785	100.0	100.0	15,949,559	5,953,706	100.0	100.0	9,587,469	3,271,491	100.0	100.0
Less than $5,000	14	27	8.5	22.9	35	154	0.7	3.3	46,036	88,069	0.3	1.5	41,281	79,435	0.4	2.4
$5,000 to $20,000	41	38	25.0	32.2	424	513	8.8	10.9	465,408	406,063	2.9	6.8	425,852	344,224	4.4	10.5
$20,000 to $100,000	78	40	47.6	33.9	2,055	1,798	42.8	38.1	3,766,777	1,519,445	23.6	25.5	3,186,206	1,233,025	33.2	37.7
$100,000 to $500,000	26	[3] 13	15.9	11.0	1,158	[3] 2,250	24.1	47.7	4,798,945	[3] 3,940,129	30.1	66.2	2,771,964	[3] 1,614,807	28.9	49.4
$500,000 and over	5	.....	3.0	.....	1,129	.....	23.5	.....	6,872,393	.....	43.1	.....	3,162,106	.....	33.0	.....
CLOTHING, WOMEN'S	255	183	100.0	100.0	5,696	5,423	100.0	100.0	17,900,421	6,768,076	100.0	100.0	8,584,128	3,816,118	100.0	100.0
Less than $5,000	31	36	12.2	19.7	65	192	1.1	3.5	90,535	106,524	0.5	1.6	72,717	84,558	0.8	2.2
$5,000 to $20,000	84	80	32.9	43.7	965	1,334	16.9	24.6	987,557	871,066	5.5	12.9	817,017	705,885	9.5	18.5
$20,000 to $100,000	98	51	38.4	27.9	2,399	1,696	42.1	31.3	3,951,636	2,019,087	22.1	29.8	2,534,060	1,203,281	29.5	31.5
$100,000 to $500,000	37	[3] 16	14.5	8.7	1,602	[3] 2,201	28.1	40.6	7,968,619	[3] 3,771,399	44.5	55.7	3,232,960	[3] 1,822,394	37.7	47.8
$500,000 and over	5	.....	2.0	.....	665	.....	11.7	.....	4,902,074	.....	27.4	.....	1,927,374	.....	22.5	.....
CONFECTIONERY AND ICE CREAM	245	141	100.0	100.0	2,955	1,810	100.0	100.0	16,898,953	6,079,244	100.0	100.0	6,722,024	2,159,129	100.0	100.0
Less than $5,000	40	43	16.3	30.5	16	39	0.5	2.2	114,452	117,889	0.7	1.9	50,536	64,719	0.8	3.0
$5,000 to $20,000	96	51	39.2	36.2	163	177	5.5	9.8	1,064,579	560,615	6.3	9.2	382,549	238,023	5.7	11.0
$20,000 to $100,000	82	32	33.5	22.7	466	339	15.8	18.7	3,318,948	1,305,132	19.6	21.5	1,293,083	543,986	19.2	25.2
$100,000 to $500,000	19	[3] 15	7.8	10.6	571	[3] 1,255	19.3	69.3	3,840,991	[3] 4,095,608	22.7	67.4	1,232,224	[3] 1,312,401	18.3	60.8
$500,000 to $1,000,000	5	.....	2.0	.....	564	.....	39.8	.....	3,256,877	.....	19.3	.....	1,306,304	.....	19.4	.....
$1,000,000 and over	3	.....	1.2	.....	1,175	.....	19.1	.....	5,303,106	.....	31.4	.....	2,457,328	.....	36.6	.....
COTTON GOODS	33	21	100.0	100.0	9,261	7,144	100.0	100.0	58,705,655	16,317,490	100.0	100.0	18,093,342	6,366,518	100.0	100.0
Less than $20,000	5	3	15.2	14.3	18	9	0.2	0.1	45,331	16,937	0.1	0.1	22,318	6,692	0.1	0.1
$20,000 to $100,000	5	6	15.2	28.6	111	208	1.2	2.9	375,051	410,893	0.6	2.5	142,668	187,135	0.8	2.9
$100,000 to $500,000	8	4	24.2	19.0	432	[3] 1,286	4.7	18.0	2,031,236	1,256,358	3.5	7.7	814,639	[3] 1,146,481	4.5	18.0
$500,000 to $1,000,000	4	3	12.1	14.3	601	.....	6.5	.....	3,138,280	1,715,366	5.3	10.5	1,322,340	.....	7.3	.....
$1,000,000 and over	11	5	33.3	23.8	8,099	5,641	87.5	79.0	53,120,757	12,917,936	90.5	79.2	15,790,877	5,026,210	87.3	78.9
DYEING AND FINISHING TEXTILES, EXCLUSIVE OF THAT DONE IN TEXTILE MILLS	132	98	100.0	100.0	14,492	11,683	100.0	100.0	79,305,174	27,986,512	100.0	100.0	35,083,174	14,280,512	100.0	100.0
Less than $5,000	6	11	4.5	11.2	12	32	0.1	0.3	21,370	31,902	(4)	0.1	19,130	23,246	0.1	0.2
$5,000 to $20,000	16	20	12.1	20.4	60	152	0.4	1.3	177,659	238,540	0.2	0.9	126,095	161,547	0.4	1.1
$20,000 to $100,000	36	27	27.3	27.6	644	850	4.4	7.3	2,022,746	1,428,340	2.6	5.1	1,378,936	792,479	3.9	5.5
$100,000 to $500,000	50	29	37.9	29.6	3,297	[3] 4,676	22.8	40.0	11,258,392	6,380,922	14.2	22.8	6,696,282	[3] 5,472,175	19.1	38.3
$500,000 to $1,000,000	10	5	7.6	5.1	1,732	.....	12.0	.....	7,311,185	3,429,581	9.2	12.3	4,357,026	.....	12.4	.....
$1,000,000 and over	14	6	10.6	6.1	8,747	5,973	60.4	51.1	58,513,822	16,477,227	73.8	58.9	22,505,705	7,831,065	64.1	54.8

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

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES	105	76	100.0	100.0	26,135	14,405	100.0	100.0	$120,341,356	$40,740,810	100.0	100.0	$61,358,734	$20,191,534	100.0	100.0
Less than $5,000	.....	10	.....	13.1	.....	12	.....	0.1	.....	28,543	.....	0.1	.....	17,569	.....	0.1
$5,000 to $20,000	[1] 17	8	16.2	10.5	[1] 54	46	0.2	0.3	[1] 175,892	92,912	0.1	0.2	[1] 109,945	67,131	0.2	0.3
$20,000 to $100,000	31	18	29.5	23.7	649	289	2.5	2.0	1,852,643	634,685	1.5	1.6	1,090,180	329,743	1.8	1.6
$100,000 to $500,000	19	20	18.1	26.3	1,119	[2] 4,767	4.3	33.1	4,496,604	4,921,211	3.7	12.1	2,387,801	[2] 6,419,029	3.9	31.8
$500,000 to $1,000,000	5	10	4.8	13.2	1,157	.....	4.4	.....	3,601,527	7,809,716	3.0	19.2	2,443,473	.....	4.0	.....
$1,000,000 and over	33	10	31.4	13.2	23,156	9,291	88.6	64.5	110,214,690	27,253,743	91.6	66.9	55,327,335	13,358,062	90.2	66.2
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED	100	63	100.0	100.0	1,359	812	100.0	100.0	33,612,181	9,478,997	100.0	100.0	4,149,445	2,144,284	100.0	100.0
Less than $5,000	15	28	15.0	44.4	3	16	0.2	2.0	50,420	87,104	0.2	0.9	19,621	37,263	0.5	1.7
$5,000 to $20,000	41	16	41.0	25.4	26	67	1.9	8.3	434,616	174,139	1.3	1.8	138,838	72,203	3.3	3.4
$20,000 to $100,000	21	9	21.0	14.3	189	80	13.9	9.9	1,029,485	396,969	3.1	4.2	384,086	115,540	9.3	5.4
$100,000 to $500,000	14	7	14.0	11.1	257	[3] 649	18.9	79.9	3,323,221	1,867,128	9.9	19.7	1,128,929	[3] 1,919,278	27.2	89.5
$500,000 to $1,000,000	6	[4] 3	6.0	4.8	276	.....	20.3	.....	4,079,222	[4] 6,953,657	12.1	73.4	1,086,356	.....	26.2	.....
$1,000,000 and over	3	.....	3.0	.....	608	.....	44.7	.....	24,695,217	.....	73.5	.....	1,391,615	.....	33.5	.....
FOUNDRY AND MACHINE-SHOP PRODUCTS [5]	529	472	100.0	100.0	28,410	18,099	100.0	100.0	140,450,937	41,869,838	100.0	100.0	76,762,348	25,618,564	100.0	100.0
Less than $5,000	83	136	15.7	28.8	59	167	0.2	0.9	238,108	354,947	0.2	0.8	172,667	260,580	0.2	1.0
$5,000 to $20,000	122	130	23.1	27.5	451	823	1.6	4.5	1,414,153	1,381,365	1.0	3.3	960,952	945,270	1.3	3.7
$20,000 to $100,000	159	121	30.1	25.6	2,074	2,775	7.3	15.3	7,127,547	5,479,172	5.1	13.1	4,366,600	3,339,100	5.7	13.0
$100,000 to $500,000	112	72	21.1	15.2	6,586	[2] 10,171	23.2	56.2	27,253,488	16,659,675	19.4	39.8	16,866,052	[2] 13,276,422	22.0	51.8
$500,000 to $1,000,000	35	8	6.6	1.7	6,477	.....	22.8	.....	25,213,811	5,490,059	18.0	13.1	14,666,825	.....	19.1	.....
$1,000,000 and over	18	5	3.4	1.1	12,763	4,163	44.9	23.0	79,203,830	12,504,620	56.4	29.9	39,729,252	7,797,192	51.8	30.4
GAS, ILLUMINATING AND HEATING	38	43	100.0	100.0	2,083	2,205	100.0	100.0	20,317,305	14,020,050	100.0	100.0	12,942,608	9,944,588	100.0	100.0
Less than $5,000	5	5	13.2	11.6	5	7	0.2	0.3	11,811	12,577	0.1	0.1	[6] 4,761	4,642	(7)	(7)
$5,000 to $20,000	7	11	18.4	25.6	20	34	1.0	1.5	105,306	130,615	0.5	0.9	52,736	73,949	0.4	0.7
$20,000 to $100,000	11	17	28.9	39.5	107	270	5.1	12.2	542,885	891,832	2.7	6.4	270,219	541,638	2.1	5.4
$100,000 to $500,000	8	4	21.1	9.3	309	[3] 1,894	14.8	85.9	1,886,597	782,785	9.3	5.6	1,111,395	[3] 9,324,359	8.6	93.8
$500,000 and over	7	6	18.4	14.0	1,642	.....	78.8	.....	17,770,706	12,202,241	87.5	87.0	11,513,019	.....	89.0	.....
HATS, FUR-FELT	31	41	100.0	100.0	3,303	4,401	100.0	100.0	16,625,357	7,969,344	100.0	100.0	8,390,191	4,261,302	100.0	100.0
Less than $5,000	.....	3	.....	7.3	.....	4	.....	0.1	.....	8,957	.....	0.1	.....	5,595	.....	0.1
$5,000 to $20,000	[1] 7	10	22.6	24.3	[1] 10	51	0.3	1.2	[1] 57,645	115,806	0.3	1.5	[1] 29,342	61,983	0.3	1.5
$20,000 to $100,000	3	6	9.7	14.6	10	251	0.3	5.7	74,807	224,794	0.4	2.8	38,846	119,166	0.5	2.8
$100,000 to $500,000	10	17	32.3	41.5	496	[3] 4,095	15.0	93.1	2,222,050	4,159,317	13.4	52.2	1,094,148	[3] 4,074,558	13.0	95.6
$500,000 to $1,000,000	5	[4] 5	16.1	12.2	590	.....	17.9	.....	3,338,208	[4] 3,460,470	20.1	43.4	1,295,268	.....	15.4	.....
$1,000,000 and over	6	.....	19.4	.....	2,197	.....	66.5	.....	10,932,647	.....	65.8	.....	5,932,587	.....	70.7	.....
JEWELRY	174	175	100.0	100.0	3,234	3,408	100.0	100.0	27,889,565	11,347,455	100.0	100.0	13,232,050	5,822,516	100.0	100.0
Less than $5,000	12	26	6.9	14.9	7	45	0.2	1.3	36,642	61,370	0.1	0.5	29,826	44,158	0.2	0.8
$5,000 to $20,000	29	41	16.7	23.4	86	288	2.7	8.5	327,337	504,512	1.2	4.4	190,176	322,330	1.4	5.5
$20,000 to $100,000	67	76	38.5	43.4	584	1,151	18.1	33.8	3,597,086	3,550,646	12.9	31.3	1,731,987	1,867,994	13.1	32.1
$100,000 to $500,000	52	[2] 32	29.9	18.3	1,272	[2] 1,924	39.3	56.5	11,280,867	[2] 7,230,927	40.4	63.7	5,605,550	[2] 3,588,034	42.4	61.6
$500,000 to $1,000,000	10	.....	5.7	.....	813	.....	25.1	.....	6,543,478	.....	23.5	.....	3,044,274	.....	23.0	.....
$1,000,000 and over	4	.....	2.3	.....	472	.....	14.6	.....	6,104,155	.....	21.9	.....	2,630,237	.....	19.9	.....
KNIT GOODS	90	62	100.0	100.0	4,853	4,025	100.0	100.0	23,853,075	7,849,556	100.0	100.0	8,503,177	4,514,134	100.0	100.0
Less than $5,000	14	7	15.6	11.3	22	14	0.5	0.3	34,475	17,600	0.1	0.2	21,061	10,568	0.2	0.2
$5,000 to $20,000	20	18	22.2	29.0	101	177	2.1	4.4	250,938	210,246	1.1	2.7	160,429	106,469	1.9	2.4
$20,000 to $100,000	23	25	25.6	40.3	281	588	5.8	14.6	1,198,714	1,147,567	5.0	14.6	505,888	528,568	5.9	11.7
$100,000 to $500,000	20	9	22.2	14.5	1,220	[3] 3,246	25.1	80.6	4,476,652	1,839,267	18.8	23.4	1,825,129	[3] 3,868,529	21.5	85.7
$500,000 to $1,000,000	5	[4] 3	5.6	4.8	688	.....	14.2	.....	3,514,568	[4] 4,634,876	14.7	59.0	1,716,969	.....	20.2	.....
$1,000,000 and over	8	.....	8.9	.....	2,541	.....	52.4	.....	14,377,728	.....	60.3	.....	4,273,701	.....	50.3	.....
LEATHER, TANNED, CURRIED, AND FINISHED	73	84	100.0	100.0	5,499	5,108	100.0	100.0	78,012,101	31,651,831	100.0	100.0	25,425,580	9,571,200	100.0	100.0
Less than $5,000	.....	9	.....	10.7	.....	22	.....	0.4	.....	32,520	.....	0.1	.....	16,049	.....	0.2
$5,000 to $20,000	[1] 5	3	6.8	3.6	[1] 12	19	0.2	0.3	[1] 51,812	23,708	0.1	0.1	[1] 24,940	7,581	0.1	0.1
$20,000 to $100,000	10	25	13.7	29.8	78	434	1.4	8.5	483,816	1,367,391	0.6	4.3	228,398	510,306	0.9	5.3
$100,000 to $500,000	21	27	28.8	32.1	532	[2] 2,503	9.7	49.0	5,663,042	6,661,009	7.3	21.0	1,792,973	[2] 4,407,801	7.1	46.1
$500,000 to $1,000,000	16	12	21.9	14.3	962	.....	17.5	.....	10,522,489	9,374,331	13.5	29.6	3,255,252	.....	12.8	.....
$1,000,000 and over	21	8	28.8	9.5	3,915	2,130	71.2	41.7	61,290,942	14,192,872	78.6	44.8	20,124,017	4,629,463	79.1	48.4
MILLINERY AND LACE GOODS, NOT ELSEWHERE SPECIFIED	510	276	100.0	100.0	6,254	5,573	100.0	100.0	24,506,009	10,485,723	100.0	100.0	12,893,160	6,571,892	100.0	100.0
Less than $5,000	96	69	18.8	25.0	93	117	1.5	2.1	253,404	174,524	1.0	1.7	206,066	131,119	1.6	2.0
$5,000 to $20,000	208	111	40.8	40.2	926	830	14.8	14.9	2,161,660	1,182,127	8.8	11.3	1,557,026	807,729	12.1	12.3
$20,000 to $100,000	168	76	32.9	27.5	2,548	1,972	40.7	35.4	7,300,800	3,474,000	29.8	33.1	4,571,901	2,200,198	35.5	33.5
$100,000 to $500,000	31	17	6.1	6.2	1,281	[3] 2,654	20.5	47.6	6,262,435	2,745,632	25.6	26.1	3,582,975	[3] 3,432,846	27.8	52.2
$500,000 and over	7	3	1.4	1.1	1,406	.....	22.5	.....	8,527,710	2,909,440	34.8	27.7	2,975,192	.....	23.1	.....
OIL, NOT ELSEWHERE SPECIFIED	30	20	100.0	100.0	1,245	426	100.0	100.0	30,834,636	9,290,437	100.0	100.0	8,515,632	2,468,250	100.0	100.0
Less than $20,000	3	5	10.0	25.0	7	23	0.6	5.4	25,834	42,509	0.1	0.5	9,216	17,115	0.1	0.7
$20,000 to $100,000	6	.....	20.0	.....	20	.....	1.6	.....	188,395	.....	0.6	.....	48,729	.....	0.6	.....
$100,000 to $500,000	5	[8] 8	16.7	40.0	75	[9] 258	6.0	60.6	1,489,602	[8] 1,780,577	4.8	19.2	497,482	[9] 1,438,311	5.8	58.3
$500,000 to $1,000,000	7	4	23.3	20.0	311	.....	25.0	.....	5,439,595	3,118,172	17.6	33.6	1,638,471	.....	19.2	.....
$1,000,000 and over	9	3	30.0	15.0	832	145	66.8	34.0	23,691,210	4,349,179	76.8	46.8	6,321,734	1,012,824	74.2	41.0
PAINTS	33	31	100.0	100.0	1,332	1,333	100.0	100.0	18,500,897	10,853,242	100.0	100.0	6,443,904	3,297,847	100.0	100.0
Less than $20,000	8	8	24.2	25.8	8	5	0.6	0.4	57,510	29,662	0.3	0.3	28,361	13,368	0.4	0.4
$20,000 to $100,000	7	8	21.2	25.8	35	44	2.6	3.3	328,784	376,787	1.8	3.5	121,721	147,757	1.9	4.5
$100,000 to $500,000	8	7	24.2	22.6	230	[2] 609	17.3	45.7	2,192,964	1,787,830	11.9	16.5	886,047	[2] 1,547,596	13.7	46.9
$500,000 to $1,000,000	4	4	12.1	12.9	144	.....	10.8	.....	2,647,840	2,458,681	14.3	22.6	1,228,206	.....	19.1	.....
$1,000,000 and over	6	4	18.2	12.9	915	675	68.7	50.6	13,273,799	6,200,282	71.7	57.1	4,179,569	1,589,126	64.9	48.2

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

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

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914	1919	1914	Per cent distribution. 1919	Per cent distribution. 1914
PAPER AND WOOD PULP	33	33	100.0	100.0	3,108	2,927	100.0	100.0	$20,360,692	$10,931,431	100.0	100.0	$8,365,337	$3,750,166	100.0	100.0
$5,000 to $20,000	.....	3	.....	9.1	.....	30	.....	1.0	.....	44,374	.....	0.4	.....	30,816	.....	0.8
$20,000 to $100,000	[1] 5	7	15.2	21.2	[1] 93	173	3.0	5.9	[1] 234,259	434,913	1.2	4.0	[1] 72,953	197,298	0.9	5.3
$100,000 to $500,000	17	15	51.5	45.5	831	[2] 2,724	26.7	93.1	4,931,343	3,489,464	24.2	31.9	2,025,928	[2] 3,522,052	24.2	93.9
$500,000 to $1,000,000	5	[3] 8	15.2	24.2	627	.....	20.2	.....	4,288,844	[3] 6,962,680	21.1	63.7	1,632,543	.....	19.5	.....
$1,000,000 and over	6	.....	18.2	.....	1,557	.....	50.1	.....	10,906,246	.....	53.6	.....	4,633,913	.....	55.4	.....
POTTERY	53	50	100.0	100.0	5,717	5,225	100.0	100.0	16,225,650	7,867,709	100.0	100.0	12,644,871	5,716,909	100.0	100.0
Less than $5,000	.....	4	.....	8.0	.....	9	.....	0.2	.....	15,455	.....	0.2	.....	12,722	.....	0.2
$5,000 to $20,000	[4] 4	7	7.5	14.0	[4] 12	87	0.2	1.7	[4] 18,359	95,445	0.1	1.2	[4] 9,905	61,019	0.1	1.1
$20,000 to $100,000	12	15	22.6	30.0	274	584	4.8	11.2	575,561	778,645	3.5	9.9	419,234	587,060	3.3	10.3
$100,000 to $500,000	28	21	52.8	42.0	2,702	[2] 4,545	47.3	87.0	7,688,825	4,191,641	47.4	53.3	5,702,122	[2] 5,056,108	45.1	88.4
$500,000 and over	9	3	17.0	6.0	2,729	.....	47.7	.....	7,942,905	2,786,523	49.0	35.4	6,513,610	.....	51.5	.....
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS	295	320	100.0	100.0	2,352	2,470	100.0	100.0	12,399,856	7,413,284	100.0	100.0	8,290,534	5,587,572	100.0	100.0
Less than $5,000	89	149	30.2	46.6	56	215	2.4	8.7	234,696	440,788	1.9	5.9	164,711	364,078	2.0	6.5
$5,000 to $20,000	131	119	44.4	37.2	352	507	15.0	20.5	1,358,329	1,116,221	11.0	15.1	974,439	894,256	11.8	16.0
$20,000 to $100,000	52	37	17.6	11.6	573	694	24.4	28.1	2,198,627	1,701,123	17.7	22.9	1,581,332	1,243,516	19.1	22.3
$100,000 to $500,000	17	[5] 15	5.8	4.7	716	[5] 1,054	30.4	42.7	3,542,225	[5] 4,155,152	28.6	56.1	2,360,114	[5] 3,085,722	28.5	55.2
$500,000 and over	6	.....	2.0	.....	655	.....	27.8	.....	5,065,979	.....	40.9	.....	3,209,938	.....	38.7	.....
RUBBER TIRES, TUBES, AND RUBBER GOODS, NOT ELSEWHERE SPECIFIED	65	53	100.0	100.0	12,353	6,316	100.0	100.0	84,120,058	25,458,216	100.0	100.0	37,702,877	10,285,749	100.0	100.0
$5,000 to $20,000	5	[4] 8	7.7	15.1	31	[4] 51	0.3	0.8	53,655	[4] 94,384	0.1	0.4	41,373	[4] 41,626	0.1	0.4
$20,000 to $100,000	10	14	15.4	26.4	146	381	1.2	6.0	612,567	847,654	0.7	3.3	223,306	389,474	0.6	3.8
$100,000 to $500,000	25	17	38.5	32.1	1,184	[5] 2,935	9.6	46.4	6,635,978	3,956,652	7.9	15.5	3,386,708	[5] 4,342,398	9.0	42.2
$500,000 to $1,000,000	6	8	9.2	15.1	828	.....	6.7	.....	4,557,461	5,841,571	5.4	22.9	1,946,454	.....	5.2	.....
$1,000,000 and over	19	6	29.2	11.3	10,164	2,949	82.3	46.7	72,269,397	14,717,955	85.9	57.8	32,195,036	5,512,251	85.2	53.6
SHIRTS	46	34	100.0	100.0	2,884	3,502	100.0	100.0	12,249,537	5,593,657	100.0	100.0	4,072,451	3,047,360	100.0	100.0
Less than $5,000	5	.....	10.9	.....	28	.....	1.0	.....	15,581	.....	0.1	.....	13,781	.....	0.3	.....
$5,000 to $20,000	10	[4] 10	21.7	29.4	131	[4] 281	4.5	8.0	114,977	[4] 108,868	0.9	1.9	83,869	[4] 92,592	2.1	3.0
$20,000 to $100,000	17	15	37.0	44.1	815	1,063	28.3	30.4	901,957	587,052	7.4	10.5	660,199	425,633	16.2	14.0
$100,000 to $500,000	9	[3] 9	19.6	26.5	625	[3] 2,158	21.7	61.6	1,980,576	[3] 4,897,737	16.2	87.6	826,611	[3] 2,529,235	20.3	83.0
$500,000 and over	5	.....	10.9	.....	1,285	.....	44.6	.....	9,227,446	.....	75.3	.....	2,487,991	.....	61.1	.....
SILK GOODS, INCLUDING THROWSTERS	686	368	100.0	100.0	32,326	28,253	100.0	100.0	215,050,560	75,706,449	100.0	100.0	91,609,312	34,823,584	100.0	100.0
Less than $5,000	42	26	6.1	7.1	46	92	0.1	0.3	103,193	73,408	(6)	0.1	89,636	58,541	0.1	0.2
$5,000 to $20,000	118	64	17.2	17.4	760	930	2.4	3.3	1,411,013	811,383	0.7	1.1	1,268,704	528,166	1.4	1.5
$20,000 to $100,000	174	129	25.4	35.1	3,253	3,746	10.1	13.3	8,677,181	6,515,060	4.0	8.6	5,561,768	2,959,181	6.1	8.5
$100,000 to $500,000	219	108	31.9	29.3	8,335	[5] 15,980	25.8	56.5	52,174,485	25,341,000	24.3	33.5	21,223,793	[5] 20,211,031	23.2	58.0
$500,000 to $1,000,000	77	27	11.2	7.3	7,055	.....	21.8	.....	52,944,647	18,577,685	24.6	24.5	23,258,639	.....	25.4	.....
$1,000,000 and over	56	14	8.2	3.8	12,877	7,515	39.8	26.6	99,740,041	24,387,913	46.4	32.2	40,206,772	11,066,665	43.9	31.8
SLAUGHTERING AND MEAT PACKING	46	56	100.0	100.0	3,566	2,033	100.0	100.0	110,221,328	38,809,339	100.0	100.0	9,817,067	3,499,060	100.0	100.0
Less than $20,000	5	10	10.9	17.9	7	27	0.2	1.3	52,995	97,402	(6)	0.3	14,726	30,679	0.1	0.9
$20,000 to $100,000	11	15	23.9	26.8	34	96	1.0	4.7	788,551	670,721	0.7	1.7	137,005	157,045	1.4	4.5
$100,000 to $500,000	9	15	19.6	26.8	261	[5] 383	7.3	18.8	2,257,261	[4] 4,405,045	2.0	11.4	713,769	[5] 1,131,454	7.3	32.3
$500,000 to $1,000,000	7	7	15.2	12.5	78	.....	2.2	.....	4,542,217	4,984,030	4.1	12.8	392,150	.....	4.0	.....
$1,000,000 and over	14	9	30.4	16.1	3,186	1,527	89.3	75.1	102,580,304	28,652,141	93.1	73.8	8,559,417	2,179,882	87.2	62.3
STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS	73	83	100.0	100.0	2,115	2,603	100.0	100.0	13,633,110	8,095,520	100.0	100.0	5,346,090	3,179,897	100.0	100.0
Less than $5,000	8	21	11.0	25.3	6	23	0.3	0.9	28,850	49,519	0.2	0.6	18,666	34,718	0.3	1.1
$5,000 to $20,000	25	28	34.2	33.7	44	118	2.1	4.5	275,833	250,244	2.0	3.1	159,295	159,786	3.0	5.0
$20,000 to $100,000	22	23	30.1	27.7	213	344	10.1	13.2	1,065,512	945,146	7.8	11.7	575,795	455,172	10.8	14.3
$100,000 to $500,000	13	[5] 8	17.8	9.6	663	[5] 887	31.3	34.1	3,084,550	[5] 2,403,108	22.6	29.7	1,625,447	[5] 1,147,500	30.4	36.1
$500,000 to $1,000,000	[3] 5	.....	6.8	.....	[3] 1,189	.....	56.2	.....	[3] 9,178,365	.....	67.3	.....	[3] 2,966,887	.....	55.5	.....
$1,000,000 and over	.....	3	.....	3.6	.....	1,231	.....	47.3	.....	4,447,503	.....	54.9	.....	1,382,721	.....	43.5
TOBACCO MANUFACTURES	318	394	100.0	100.0	10,161	15,830	100.0	100.0	56,718,203	39,695,997	100.0	100.0	30,119,640	22,292,414	100.0	100.0
Less than $5,000	196	290	61.6	73.6	45	162	0.4	1.0	390,306	503,508	0.7	1.3	228,569	314,935	0.8	1.4
$5,000 to $20,000	57	57	17.9	14.5	155	316	1.5	2.0	522,035	535,019	0.9	1.3	311,376	344,171	1.0	1.5
$20,000 to $100,000	27	20	8.5	5.1	315	438	3.1	2.8	1,125,062	872,567	2.0	2.2	671,010	514,646	2.2	2.3
$100,000 to $500,000	14	15	4.4	3.8	1,138	[5] 3,847	11.2	24.3	3,660,409	3,467,652	6.5	8.7	2,086,082	[5] 3,017,093	6.9	13.5
$500,000 to $1,000,000	12	3	3.8	0.8	2,143	.....	21.1	.....	7,801,526	2,146,692	13.8	5.4	4,294,396	.....	14.3	.....
$1,000,000 and over	12	9	3.8	2.3	6,365	11,067	62.6	69.9	43,218,865	32,170,559	76.2	81.0	22,528,207	18,101,569	74.8	81.2
VARNISHES	30	29	100.0	100.0	662	404	100.0	100.0	13,314,471	5,233,475	100.0	100.0	4,561,296	2,847,558	100.0	100.0
Less than $20,000	3	5	10.0	17.2	3	8	0.5	2.0	20,375	49,901	0.2	1.0	15,825	21,020	0.3	0.7
$20,000 to $100,000	8	14	26.7	48.3	28	60	4.2	14.9	544,339	653,075	4.1	12.5	171,671	289,252	3.8	10.2
$100,000 to $500,000	8	[3] 10	26.7	34.5	69	[3] 336	10.4	83.2	1,455,623	[3] 4,530,499	10.9	86.6	661,272	[3] 2,537,288	14.5	89.1
$500,000 to $1,000,000	7	.....	23.3	.....	176	.....	26.6	.....	5,189,992	.....	39.0	.....	1,436,953	.....	31.5	.....
$1,000,000 and over	4	.....	13.3	.....	386	.....	58.3	.....	6,095,142	.....	45.8	.....	2,275,575	.....	49.9	.....
WOOLEN AND WORSTED GOODS	26	26	100.0	100.0	14,490	14,280	100.0	100.0	100,325,294	35,738,853	100.0	100.0	45,752,534	13,047,233	100.0	100.0
Less than $100,000	.....	6	.....	23.1	.....	59	.....	0.4	.....	137,022	.....	0.4	.....	50,322	.....	0.4
$100,000 to $500,000	6	4	23.1	15.4	266	[5] 2,927	1.8	20.5	842,262	1,117,546	0.8	3.1	449,287	[5] 1,928,350	1.0	14.8
$500,000 to $1,000,000	3	7	11.5	26.9	530	.....	3.7	.....	2,454,286	5,019,333	2.4	14.0	628,893	.....	1.4	.....
$1,000,000 and over	17	9	65.4	34.6	13,694	11,294	94.5	79.1	97,028,746	29,464,952	96.7	82.4	44,674,354	11,068,561	97.6	84.8

[1] Includes the group "$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 "Less than $5,000."
[5] Includes the group "$500,000 to $1,000,000."
[6] Less than one-tenth of 1 per cent.

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.
ASBURY PARK	60	393	100.0	$1,565,289	100.0	$879,588	100.0
Less than $5,000	12	2	0.5	25,184	1.6	14,464	1.6
$5,000 to $20,000	26	56	14.2	263,206	16.8	160,690	18.3
$20,000 to $100,000	18	255	64.9	685,103	43.8	401,226	45.6
$100,000 and over	4	80	20.4	591,796	37.8	303,208	34.5
ATLANTIC CITY	154	958	100.0	6,358,720	100.0	3,275,762	100.0
Less than $5,000	27	22	2.3	90,439	1.4	58,213	1.8
$5,000 to $20,000	72	142	14.8	793,008	12.5	447,313	13.7
$20,000 to $100,000	42	344	35.9	1,797,624	28.3	1,031,392	31.5
$100,000 to $1,000,000	13	450	47.0	3,677,649	57.8	1,738,844	53.1
BAYONNE	152	14,994	100.0	260,602,109	100.0	63,753,208	100.0
Less than $5,000	10	9	0.1	28,338	(1)	17,437	(1)
$5,000 to $20,000	47	95	0.6	468,921	0.2	261,453	0.4
$20,000 to $100,000	49	809	5.4	2,179,854	0.8	1,205,061	1.9
$100,000 to $500,000	21	697	4.6	4,643,648	1.8	1,971,544	3.1
$500,000 to $1,000,000	7	891	5.9	5,913,959	2.3	2,800,898	4.4
$1,000,000 and over	18	12,493	83.3	247,367,389	94.9	57,496,815	90.2
BELLEVILLE	48	1,856	100.0	11,764,501	100.0	5,895,138	100.0
Less than $5,000	3	2	0.1	7,850	0.1	6,410	0.1
$5,000 to $20,000	17	40	2.2	169,616	1.4	106,801	1.8
$20,000 to $100,000	11	61	3.3	371,066	3.2	194,870	3.3
$100,000 to $500,000	11	789	42.5	3,151,907	26.8	1,911,069	32.4
$500,000 and over	6	964	51.9	8,064,062	68.5	3,675,988	62.4
BLOOMFIELD	59	5,150	100.0	25,245,436	100.0	12,306,144	100.0
Less than $5,000	7	2	(1)	13,998	0.1	8,636	0.1
$5,000 to $20,000	13	17	0.3	150,954	0.6	65,461	0.5
$20,000 to $100,000	13	147	2.9	604,176	2.4	321,549	2.6
$100,000 to $500,000	15	454	8.8	3,246,648	12.9	1,443,574	11.7
$500,000 to $1,000,000	4	531	10.3	2,958,746	11.7	1,410,621	11.5
$1,000,000 and over	7	3,999	77.7	18,270,914	72.4	9,056,303	73.6
BRIDGETON	87	2,329	100.0	10,958,787	100.0	4,361,592	100.0
Less than $5,000	19	23	1.0	58,402	0.5	32,648	0.7
$5,000 to $20,000	23	157	6.7	276,735	2.5	169,442	3.9
$20,000 to $100,000	30	681	29.2	1,405,010	12.8	681,746	15.6
$100,000 to $500,000	9	492	21.1	1,880,661	17.2	872,611	20.0
$500,000 and over	6	976	41.9	7,337,979	67.0	2,605,145	59.7
CAMDEN	336	40,906	100.0	218,165,277	100.0	105,061,647	100.0
Less than $5,000	60	33	0.1	131,969	0.1	72,890	0.1
$5,000 to $20,000	72	215	0.5	805,128	0.4	396,067	0.4
$20,000 to $100,000	92	849	2.1	4,022,128	1.8	1,925,769	1.8
$100,000 to $500,000	65	3,354	8.2	16,526,520	7.6	8,093,376	7.7
$500,000 to $1,000,000	19	2,404	5.9	12,838,461	5.9	5,802,307	5.5
$1,000,000 and over	28	34,051	83.2	183,841,071	84.3	88,771,238	84.5
CLIFTON	49	3,253	100.0	29,430,811	100.0	9,995,140	100.0
Less than $5,000	6	6	0.2	18,077	0.1	11,408	0.1
$5,000 to $20,000	11	26	0.8	116,191	0.4	73,522	0.7
$20,000 to $100,000	13	96	3.0	568,478	1.9	357,655	3.6
$100,000 to $500,000	8	292	9.0	1,664,415	5.7	740,195	7.4
$500,000 to $1,000,000	3	635	19.5	2,364,589	8.0	1,325,333	13.3
$1,000,000 and over	8	2,198	67.6	24,699,061	83.9	7,487,027	74.9
EAST ORANGE	76	2,683	100.0	11,084,224	100.0	7,000,332	100.0
Less than $5,000	12	8	0.3	39,044	0.4	26,787	0.4
$5,000 to $20,000	39	87	3.2	421,340	3.8	250,460	3.6
$20,000 to $100,000	15	125	4.7	586,666	5.3	319,883	4.6
$100,000 to $500,000	5	354	13.2	1,148,835	10.4	610,202	8.7
$500,000 and over	5	2,109	78.6	8,888,339	80.2	5,793,000	82.8
ELIZABETH	226	18,386	100.0	76,440,515	100.0	36,808,707	100.0
Less than $5,000	41	27	0.1	112,043	0.1	74,410	0.2
$5,000 to $20,000	67	307	1.7	740,395	1.0	412,902	1.1
$20,000 to $100,000	62	710	3.9	2,677,072	3.5	1,416,570	3.8
$100,000 to $500,000	35	2,070	11.3	9,465,838	12.4	5,106,557	13.9
$500,000 to $1,000,000	7	582	3.2	4,706,909	6.2	1,615,114	4.4
$1,000,000 and over	14	14,690	79.9	58,738,258	76.8	28,183,154	76.6
ENGLEWOOD	29	256	100.0	1,119,264	100.0	595,778	100.0
Less than $5,000	7	3	1.2	20,945	1.9	17,089	2.9
$5,000 to $20,000	13	41	16.0	134,009	12.0	78,151	13.1
$20,000 to $100,000	6	45	17.6	251,031	22.4	146,064	24.5
$100,000 to $500,000	3	167	65.2	713,279	63.7	354,474	59.5
GARFIELD	56	5,025	100.0	40,233,553	100.0	19,724,104	100.0
Less than $5,000	12	14	0.3	32,052	0.1	23,929	0.1
$5,000 to $20,000	21	72	1.4	248,652	0.6	144,338	0.7
$20,000 to $100,000	8	97	1.9	310,081	0.8	180,317	0.9
$100,000 to $500,000	9	525	10.4	2,403,979	6.0	1,206,842	6.1
$1,000,000 and over	6	4,317	85.9	37,238,789	92.6	18,168,678	92.1
GLOUCESTER	21	6,225	100.0	$19,994,017	100.0	$10,811,565	100.0
Less than $5,000	3	1	(1)	6,232	(1)	2,255	(1)
$5,000 to $20,000	6	11	0.2	63,134	0.3	26,248	0.2
$20,000 to $100,000	5	71	1.1	279,796	1.4	147,775	1.4
$100,000 to $1,000,000	3	455	7.3	1,755,572	8.8	666,305	6.2
$1,000,000 and over	4	5,687	91.4	17,889,283	89.5	9,968,982	92.2
HACKENSACK	45	698	100.0	3,707,795	100.0	1,589,643	100.0
Less than $5,000	8	12	1.7	21,573	0.6	14,523	0.9
$5,000 to $20,000	17	73	10.5	183,295	4.9	116,737	7.3
$20,000 to $100,000	16	141	20.2	702,431	18.9	403,404	25.4
$100,000 and over	4	472	67.6	2,800,496	75.5	1,054,979	66.4
HARRISON	63	13,026	100.0	61,766,542	100.0	32,349,752	100.0
Less than $5,000	7	4	(1)	21,700	(1)	11,168	(1)
$5,000 to $20,000	17	34	0.3	167,771	0.3	88,888	0.3
$20,000 to $100,000	15	193	1.5	674,159	1.1	346,639	1.1
$100,000 to $500,000	11	594	4.6	2,564,133	4.2	1,344,143	4.2
$500,000 to $1,000,000	5	733	5.6	3,927,657	6.4	2,082,264	6.4
$1,000,000 and over	8	11,468	88.0	54,411,122	88.1	28,476,650	88.0
HOBOKEN	280	15,933	100.0	70,311,540	100.0	39,283,642	100.0
Less than $5,000	39	18	0.1	99,820	0.1	60,314	0.2
$5,000 to $20,000	83	243	1.5	987,005	1.4	553,516	1.4
$20,000 to $100,000	74	770	4.8	3,555,327	5.1	1,638,904	4.2
$100,000 to $500,000	51	1,972	12.4	10,714,373	15.2	5,375,828	13.7
$500,000 to $1,000,000	21	2,389	15.0	14,056,679	20.0	5,815,274	14.8
$1,000,000 and over	12	10,541	66.2	40,898,336	58.2	25,839,806	65.8
IRVINGTON	89	1,956	100.0	12,175,332	100.0	5,467,842	100.0
Less than $5,000	15	9	0.5	41,888	0.3	28,545	0.5
$5,000 to $20,000	21	66	3.4	227,231	1.9	124,578	2.3
$20,000 to $100,000	33	394	20.1	1,830,222	15.0	862,872	15.8
$100,000 to $500,000	15	1,036	53.0	3,617,096	29.7	2,176,244	39.8
$500,000 and over	5	451	23.1	6,458,895	53.0	2,275,603	41.6
JERSEY CITY	896	36,981	100.0	374,182,924	100.0	110,761,704	100.0
Less than $5,000	134	92	0.2	367,023	0.1	246,530	0.2
$5,000 to $20,000	266	873	2.4	3,070,761	0.8	1,780,505	1.6
$20,000 to $100,000	260	2,600	7.0	11,974,141	3.2	5,442,633	4.9
$100,000 to $500,000	139	5,398	14.6	31,591,940	8.4	14,393,082	13.0
$500,000 to $1,000,000	35	5,123	13.9	25,400,870	6.8	11,816,263	10.7
$1,000,000 and over	62	22,895	61.9	301,778,189	80.7	77,082,691	69.6
KEARNY	49	14,860	100.0	80,832,074	100.0	38,132,137	100.0
Less than $5,000	5	1	(1)	11,978	(1)	7,034	(1)
$5,000 to $20,000	10	33	0.2	130,777	0.2	63,307	0.2
$20,000 to $100,000	18	189	1.3	841,309	1.0	412,263	1.1
$100,000 to $500,000	6	331	2.2	1,295,356	1.6	695,295	1.8
$500,000 and over	10	14,306	96.3	78,552,654	97.2	36,954,238	96.9
LONG BRANCH	65	841	100.0	3,012,724	100.0	1,682,687	100.0
Less than $5,000	18	28	3.3	40,266	1.3	31,074	1.8
$5,000 to $20,000	24	78	9.3	238,566	7.9	131,125	7.8
$20,000 to $100,000	18	261	31.0	817,915	27.1	466,627	27.7
$100,000 and over	5	474	56.4	1,915,977	63.6	1,053,861	62.6
MILLVILLE	44	3,857	100.0	10,416,362	100.0	5,948,509	100.0
Less than $5,000	11	8	0.2	28,614	0.3	19,601	0.3
$5,000 to $20,000	15	59	1.5	175,212	1.7	17,278	0.3
$20,000 to $100,000	10	169	4.4	398,232	3.8	206,627	3.5
$100,000 to $500,000	4	393	10.2	1,144,597	11.0	733,643	12.3
$500,000 and over	4	3,228	83.7	8,669,707	83.2	4,971,360	83.6
MONTCLAIR	34	281	100.0	2,282,413	100.0	849,272	100.0
Less than $5,000	8	10	3.6	21,130	0.9	10,785	1.3
$5,000 to $20,000	12	19	6.8	144,601	6.3	63,932	7.5
$20,000 and over	14	252	89.7	2,116,682	92.7	774,555	91.2
MORRISTOWN	56	248	100.0	1,352,152	100.0	585,056	100.0
Less than $5,000	16	9	3.6	45,439	3.4	28,002	4.8
$5,000 to $20,000	23	60	24.2	246,236	18.2	138,649	23.7
$20,000 and over	17	179	72.2	1,060,477	78.4	418,405	71.5
NEW BRUNSWICK	138	7,673	100.0	42,624,947	100.0	24,444,419	100.0
Less than $5,000	29	24	0.3	71,563	0.2	46,269	0.2
$5,000 to $20,000	46	140	1.8	517,125	1.2	302,794	1.2
$20,000 to $100,000	27	270	3.5	1,007,796	2.4	527,836	2.2
$100,000 to $500,000	22	1,487	19.4	4,720,132	11.1	2,910,521	11.9
$500,000 to $1,000,000	5	989	12.9	3,391,305	8.0	1,894,790	7.8
$1,000,000 and over	9	4,763	62.1	32,917,026	77.2	18,762,209	76.8

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

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

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.	VALUE ADDED BY MANUFACTURE. Amount.	VALUE ADDED BY MANUFACTURE. Per cent of total.
NEWARK	2,155	86,707	100.0	$577,608,564	100.0	$239,646,896	100.0
Less than $5,000	304	186	0.2	834,000	0.1	559,904	0.2
$5,000 to $20,000	576	1,634	1.9	6,427,022	1.1	3,618,236	1.5
$20,000 to $100,000	656	7,655	8.8	30,046,159	5.2	16,790,228	7.0
$100,000 to $500,000	390	16,179	18.7	85,992,088	14.9	43,740,363	18.3
$500,000 to $1,000,000	116	12,542	14.5	79,493,772	13.8	35,799,422	14.9
$1,000,000 and over	113	48,511	55.9	374,815,523	64.9	139,138,743	58.1
ORANGE	81	2,712	100.0	13,092,066	100.0	7,786,212	100.0
Less than $5,000	18	10	0.4	54,772	0.4	31,230	0.4
$5,000 to $20,000	30	92	3.4	397,427	3.0	225,976	2.9
$20,000 to $100,000	18	204	7.5	741,732	5.7	442,115	5.7
$100,000 to $500,000	5	254	9.4	1,077,333	8.2	618,004	7.9
$500,000 to $1,000,000	6	797	29.4	4,384,998	33.5	2,147,961	27.6
$1,000,000 and over	4	1,355	50.0	6,435,804	49.2	4,320,926	55.5
PASSAIC	234	18,203	100.0	129,073,484	100.0	52,159,801	100.0
Less than $5,000	50	26	0.1	130,273	0.1	85,446	0.2
$5,000 to $20,000	66	170	0.9	773,971	0.6	383,648	0.7
$20,000 to $100,000	64	1,107	6.1	2,882,794	2.2	1,614,434	3.1
$100,000 to $500,000	27	994	5.5	6,199,525	4.8	2,738,627	5.3
$500,000 to $1,000,000	4	266	1.5	2,727,049	2.1	1,195,775	2.3
$1,000,000 and over	23	15,640	85.9	116,359,872	90.1	46,141,871	88.5
PATERSON	1,044	37,217	100.0	216,659,174	100.0	101,697,761	100.0
Less than $5,000	122	90	0.3	334,223	0.1	249,684	0.2
$5,000 to $20,000	258	1,053	2.8	2,975,594	1.4	2,084,021	2.0
$20,000 to $100,000	273	3,847	10.3	12,917,009	6.0	7,588,533	7.5
$100,000 to $500,000	270	10,213	27.4	61,021,115	28.2	25,953,494	25.5
$500,000 to $1,000,000	69	7,188	19.3	46,525,930	21.5	21,415,321	21.1
$1,000,000 and over	52	14,826	39.8	92,885,303	42.9	44,406,708	43.7
PERTH AMBOY	124	9,197	100.0	230,658,263	100.0	31,351,080	100.0
Less than $5,000	17	9	0.1	48,320	(1)	29,514	0.1
$5,000 to $20,000	39	81	0.9	422,691	0.2	237,220	0.8
$20,000 to $100,000	32	470	5.1	1,433,229	0.6	769,793	2.5
$100,000 to $500,000	18	1,028	11.2	4,500,210	2.0	2,428,565	7.7
$500,000 to $1,000,000	5	736	8.0	3,282,661	1.4	1,362,442	4.3
$1,000,000 and over	13	6,873	74.7	220,971,152	95.8	26,523,546	84.6
PHILLIPSBURG	53	5,403	100.0	29,407,670	100.0	15,400,886	100.0
Less than $5,000	9	3	0.1	21,920	0.1	12,569	0.1
$5,000 to $20,000	13	30	0.6	131,142	0.4	48,436	0.3
$20,000 to $100,000	9	114	2.1	398,682	1.4	194,594	1.3
$100,000 to $500,000	10	623	11.5	2,138,543	7.8	1,079,968	7.0
$500,000 to $1,000,000	5	646	12.0	3,455,145	11.7	1,360,212	8.8
$1,000,000 and over	7	3,987	73.8	23,262,238	79.1	12,705,107	82.5
PLAINFIELD	94	3,421	100.0	17,540,331	100.0	7,718,148	100.0
Less than $5,000	23	6	0.2	55,345	0.3	36,740	0.5
$5,000 to $20,000	35	138	4.0	370,874	2.1	244,093	3.2
$20,000 to $100,000	22	262	7.7	948,777	5.4	518,848	6.7
$100,000 to $500,000	6	320	9.4	1,237,340	7.1	780,696	10.1
$500,000 and over	8	2,695	78.8	14,927,995	85.1	6,137,771	79.5
RAHWAY	36	1,697	100.0	$11,747,584	100.0	$4,166,947	100.0
Less than $5,000	4	3	0.2	9,145	0.1	6,678	0.2
$5,000 to $20,000	8	20	1.2	84,182	0.7	52,380	1.3
$20,000 to $100,000	12	103	6.1	474,263	4.0	260,574	6.3
$100,000 to $500,000	3	120	7.1	732,887	6.2	241,834	5.8
$500,000 to $1,000,000	5	451	26.6	3,406,182	29.0	1,328,644	31.9
$1,000,000 and over	4	1,000	58.9	7,040,925	59.9	2,276,837	54.6
TRENTON	389	24,547	100.0	122,477,987	100.0	62,016,537	100.0
Less than $5,000	72	33	0.1	163,876	0.1	102,119	0.2
$5,000 to $20,000	118	364	1.5	1,340,432	1.1	661,758	1.1
$20,000 to $100,000	96	1,055	4.3	4,812,151	3.9	2,333,965	3.8
$100,000 to $500,000	59	4,098	16.7	14,633,953	11.9	7,925,136	12.8
$500,000 to $1,000,000	25	4,896	19.9	16,860,388	13.8	10,614,520	17.1
$1,000,000 and over	19	14,101	57.4	84,667,187	69.1	40,379,039	65.1
UNION	116	1,506	100.0	8,195,484	100.0	4,612,287	100.0
Less than $5,000	30	22	1.5	77,215	0.9	54,472	1.2
$5,000 to $20,000	36	114	7.6	387,802	4.7	226,810	4.9
$20,000 to $100,000	42	551	36.6	1,950,882	23.8	1,111,168	24.1
$100,000 to $500,000	5	294	19.5	1,442,422	17.6	974,810	21.1
$500,000 and over	3	525	34.9	4,337,163	52.9	2,245,027	48.7
WEST HOBOKEN	307	3,565	100.0	16,652,844	100.0	8,803,695	100.0
Less than $5,000	55	32	0.9	125,527	0.8	93,611	1.1
$5,000 to $20,000	126	446	12.5	1,358,174	8.2	917,666	10.4
$20,000 to $100,000	104	1,006	28.2	4,075,697	24.5	2,274,768	25.8
$100,000 to $500,000	16	542	15.2	3,537,403	21.2	1,683,297	19.1
$500,000 to $1,000,000	3	320	9.0	2,060,982	12.4	1,367,804	15.5
$1,000,000 and over	3	1,219	34.2	5,495,061	33.0	2,466,549	28.0
WEST NEW YORK	192	3,208	100.0	28,377,866	100.0	8,293,590	100.0
Less than $5,000	21	12	0.4	57,141	0.2	37,105	0.4
$5,000 to $20,000	60	252	7.9	657,334	2.3	441,410	5.3
$20,000 to $100,000	79	868	27.1	3,460,578	12.2	1,890,529	22.8
$100,000 to $500,000	23	1,079	33.6	5,279,957	18.6	2,837,563	34.2
$500,000 to $1,000,000	5	588	18.3	3,345,267	11.8	1,332,074	16.1
$1,000,000 and over	4	409	12.7	15,577,589	54.9	1,754,909	21.2
ALL OTHER CITIES[2]	47	6,334	100.0	27,844,036	100.0	16,116,681	100.0
Less than $5,000	7	4	0.1	21,908	0.1	15,836	0.1
$5,000 to $20,000	15	41	0.6	162,257	0.6	96,784	0.6
$20,000 to $100,000	16	148	2.3	692,424	2.5	391,736	2.4
$100,000 to $500,000	3	112	1.8	439,742	1.6	216,581	1.3
$500,000 and over	6	6,029	95.2	26,527,705	95.3	15,395,744	95.5

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

[2] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

INDUSTRY AND CITY.	Census year.	NUMBER OF ESTABLISHMENTS OWNED BY— Individuals.	Corporations.	All others.	AVERAGE NUMBER OF WAGE EARNERS. Total.	In establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.	VALUE OF PRODUCTS. Total.	Of establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.
All industries	1919	5,376	3,944	1,737	508,686	27,375	454,860	26,451	5.4	89.4	5.2	$3,672,064,987	$152,512,567	$3,367,501,291	$152,051,129	4.2	91.7	4.1
	1914	5,152	3,166	1,424	373,605	30,806	313,171	29,628	8.2	83.8	7.9	1,406,633,414	75,086,243	1,250,439,769	81,107,402	5.3	88.9	5.8
	1909	4,888	2,560	1,369	326,223	33,306	257,252	35,665	10.2	78.9	10.9	1,145,520,076	83,854,860	971,904,531	89,769,685	7.3	84.8	7.8
Automobile bodies and parts	1919	61	30	19	3,160	242	2,841	77	7.7	89.9	2.4	15,110,688	1,028,583	13,719,332	362,773	6.8	90.8	2.4
	1914	15	21	9	1,989	35	1,868	86	1.8	93.9	4.3	5,355,290	91,366	5,089,055	174,869	1.7	95.0	3.3
Boots and shoes, not including rubber boots and shoes.	1919	6	22	6	2,835	217	2,400	218	7.7	84.7	7.7	12,864,068	1,376,647	10,600,137	887,284	10.7	82.4	6.9
	1914	9	21	12	3,834	168	2,769	897	4.4	72.2	23.4	8,238,710	292,513	6,140,774	1,805,423	3.6	74.5	21.9
Brass, bronze, and copper products.	1919	28	25	14	2,185	200	1,875	110	9.2	85.8	5.0	14,412,106	1,275,436	12,330,628	806,042	8.8	85.6	5.6
	1914	25	22	14	1,236	161	961	114	13.0	77.8	9.2	4,686,427	605,657	3,753,647	327,123	12.9	80.1	7.0
Bread and other bakery products.	1919	1,069	51	143	5,911	2,816	2,628	467	47.6	44.5	7.9	55,763,446	25,777,748	25,501,087	4,484,611	46.2	45.7	8.0
	1914	1,134	49	95	5,712	3,753	1,486	473	65.7	26.0	8.3	22,310,018	14,592,059	5,935,786	1,782,173	65.4	26.6	8.0
Canning and preserving, fruits and vegetables.	1919	14	29	10	2,685	168	2,398	119	6.3	89.3	4.4	24,618,704	645,939	23,820,009	152,756	2.6	96.8	0.6
	1914	20	25	7	2,686	363	2,181	142	13.5	81.2	5.3	11,366,906	754,481	10,442,901	169,524	6.6	91.9	1.5

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.
Chemicals	1919	4	72	2	12,472	[1] 43	12,429	.....	0.3	99.7	.....	$84,033,941	[1] $394,321	$83,639,620	.....	0.5	99.5	.....
	1914	4	58	2	6,276	[1] 21	6,255	.....	0.3	99.7	.....	31,686,865	[1] 125,248	31,561,617	.....	0.4	99.6	.....
Clothing, men's	1919	61	31	72	4,801	1,074	1,868	1,859	22.4	38.9	38.7	15,949,559	3,196,748	8,543,285	$4,209,526	20.0	53.6	26.4
	1914	59	14	45	4,715	2,627	436	1,652	55.7	9.2	35.0	5,953,706	2,297,132	1,138,641	2,517,933	38.6	19.1	42.3
Clothing, women's	1919	114	46	95	5,696	1,339	1,812	2,545	23.5	31.8	44.7	17,900,421	4,302,269	5,708,813	7,889,339	24.0	31.9	44.1
	1914	76	30	77	5,423	1,184	1,953	2,286	21.8	36.0	42.2	6,768,076	1,129,445	2,714,158	2,924,473	16.7	40.1	43.2
Confectionery and ice cream.	1919	155	48	42	2,955	454	2,302	199	15.4	77.9	6.7	16,898,953	3,103,543	11,923,416	1,871,994	18.4	70.6	11.1
	1914	87	29	25	1,810	268	1,287	255	14.8	71.1	14.1	6,079,244	881,773	4,116,577	1,080,894	14.5	67.7	17.8
Cotton goods	1919	6	27	.....	9,261	117	9,144	.....	1.3	98.7	.....	58,705,655	487,095	58,218,560	.....	0.8	99.2	.....
	1914	3	16	2	7,144	[1] 68	7,076	.....	1.0	99.0	.....	16,317,490	[1] 131,578	16,185,912	.....	0.8	99.2	.....
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	22	95	15	14,492	313	13,958	221	2.2	96.3	1.5	79,305,174	1,136,132	76,365,621	1,803,421	1.4	96.3	2.3
	1914	20	65	13	11,683	386	10,821	476	3.3	92.6	4.1	27,986,512	602,055	26,576,945	807,512	2.2	95.0	2.9
Electrical machinery, apparatus, and supplies.	1919	7	91	7	26,135	40	26,035	60	0.2	99.6	0.2	120,341,356	186,386	119,546,759	608,211	0.2	99.3	0.5
	1914	12	58	6	14,405	169	14,144	92	1.2	98.2	0.6	40,740,810	615,547	39,706,778	418,485	1.5	97.5	1.0
Food preparations, not elsewhere specified.	1919	55	24	21	1,359	170	1,113	76	12.5	81.9	5.6	33,612,181	1,815,540	30,827,176	969,465	5.4	91.7	2.9
	1914	30	15	18	812	78	692	42	9.6	85.2	5.2	9,478,997	527,265	8,788,240	163,492	5.6	92.7	1.7
Foundry and machine-shop products.[2]	1919	205	260	64	28,410	1,911	25,285	1,214	6.7	89.0	4.3	140,450,937	8,578,366	127,507,572	4,364,999	6.1	90.8	3.1
	1914	196	205	71	18,099	2,084	14,869	1,146	11.5	82.2	6.3	41,869,838	3,601,831	36,235,444	2,032,563	8.6	86.5	4.9
Hats, fur-felt	1919	8	16	7	3,303	40	2,452	811	1.2	74.2	24.6	16,625,357	258,900	12,257,517	4,108,940	1.6	73.7	24.7
	1914	14	23	4	4,401	.....	3,626	[3] 775	.....	82.4	17.6	7,969,344	.....	6,861,258	[3] 1,108,086	.....	86.1	13.9
Jewelry	1919	45	83	46	3,234	284	1,921	1,029	8.8	59.4	31.8	27,889,565	1,875,661	18,049,906	7,963,998	6.7	64.7	28.6
	1914	48	82	45	3,408	366	1,987	1,055	10.7	58.3	31.0	11,347,455	1,230,296	6,567,884	3,549,275	10.8	57.9	31.3
Knit goods	1919	29	43	18	4,853	170	4,271	412	3.5	88.0	8.5	23,853,075	687,367	19,940,979	3,224,729	2.9	83.6	13.5
	1914	24	29	9	4,025	444	3,391	190	11.0	84.2	4.7	7,849,556	783,840	6,680,566	385,150	10.0	85.1	4.9
Leather, tanned, curried, and finished.	1919	16	51	6	5,499	316	4,829	354	5.7	87.8	6.4	78,012,101	3,914,744	68,789,265	5,308,092	5.0	88.2	6.8
	1914	23	48	13	5,108	470	3,784	854	9.2	74.1	16.7	31,651,831	2,489,572	23,120,483	6,041,776	7.9	73.0	19.1
Millinery and lace goods, not elsewhere specified.	1919	343	72	95	6,254	2,231	2,966	1,057	35.7	47.4	16.9	24,506,009	7,011,244	13,965,882	3,528,883	28.6	57.0	14.4
	1914	172	53	51	5,573	1,572	3,277	724	28.2	58.8	13.0	10,485,723	2,751,706	6,239,995	1,494,022	26.2	59.5	14.2
Paints	1919	6	25	2	1,332	[1] 69	1,263	.....	5.2	94.8	.....	18,500,897	[1] 1,172,242	17,328,655	.....	6.3	93.7	.....
	1914	8	20	3	1,333	[1] 100	1,233	.....	7.5	92.5	.....	10,853,242	[1] 835,884	10,017,358	.....	7.7	92.3	.....
Paper and wood pulp	1919	5	27	1	3,108	[1] 152	2,956	.....	4.9	95.1	.....	20,360,692	[1] 699,803	19,660,889	.....	3.4	96.6	.....
	1914	3	27	3	2,927	[1] 148	2,779	.....	5.1	94.9	.....	10,931,431	[1] 459,357	10,472,074	.....	4.2	95.8	.....
Pottery	1919	7	42	4	5,717	204	5,207	306	3.6	91.1	5.4	16,225,650	472,222	15,127,922	625,506	2.9	93.2	3.9
	1914	4	42	4	5,225	99	4,882	244	1.9	93.4	4.7	7,867,709	197,712	7,409,112	260,885	2.5	94.2	3.3
Printing and publishing, newspapers and periodicals.	1919	144	112	39	2,352	357	1,927	68	15.2	81.9	2.9	12,399,856	1,430,592	10,507,696	461,568	11.5	84.7	3.7
	1914	173	111	36	2,470	506	1,848	116	20.5	74.8	4.7	7,413,284	1,229,581	5,790,940	392,763	16.6	78.1	5.3
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	8	57	.....	12,353	99	12,254	.....	0.8	99.2	.....	84,129,058	788,366	83,340,692	.....	0.9	99.1	.....
	1914	4	47	2	6,316	[1] 113	6,203	.....	1.8	98.2	.....	25,458,216	[1] 241,384	25,216,832	.....	0.9	99.1	.....
Shirts	1919	13	18	15	2,884	376	1,603	905	13.0	55.6	31.4	12,249,537	585,822	8,703,336	2,960,379	4.8	71.1	24.2
	1914	13	12	9	3,502	516	2,093	893	14.7	59.8	25.5	5,593,657	381,187	4,494,614	717,856	6.8	80.4	12.8
Silk goods, including throwsters.	1919	167	310	209	32,326	3,596	22,933	5,797	11.1	70.9	17.9	215,050,560	24,525,311	154,408,889	36,116,360	11.4	71.8	16.8
	1914	96	183	89	28,263	2,447	20,017	5,799	8.7	70.8	20.5	75,706,449	4,973,964	53,986,999	16,745,486	6.6	71.3	22.1
Slaughtering and meat packing.	1919	17	22	7	3,566	104	3,202	170	2.9	92.3	4.8	110,221,328	5,247,614	95,315,116	9,658,598	4.8	86.5	8.8
	1914	26	21	9	2,033	106	1,775	152	5.2	87.3	7.5	38,809,339	2,630,551	30,215,417	5,963,371	6.8	77.9	15.4
Soap	1919	2	12	2	2,889	.....	2,826	[3] 63	.....	97.8	2.2	37,381,759	.....	36,717,126	[3] 664,633	.....	98.2	1.8
	1914	2	12	2	2,057	.....	1,995	[3] 62	.....	97.0	3.0	16,692,406	.....	16,403,406	[3] 289,000	.....	98.3	1.7
Structural ironwork, not made in steel works or rolling mills.	1919	33	30	10	2,115	176	1,905	34	8.3	90.1	1.6	13,633,110	823,491	12,580,784	228,835	6.0	92.3	1.7
	1914	49	25	9	2,603	233	2,309	61	9.0	88.7	2.3	8,095,520	563,552	7,348,422	183,546	7.0	90.8	2.3
Tobacco manufactures	1919	256	47	15	10,161	592	9,446	123	5.8	93.0	1.2	56,718,203	2,171,197	54,302,716	244,290	3.8	95.7	0.4
	1914	333	41	20	15,830	611	14,875	344	3.9	94.0	2.2	39,695,997	1,370,801	37,735,233	589,963	3.5	95.1	1.5
Varnishes	1919	6	23	1	662	[1] 18	644	.....	2.7	97.3	.....	13,314,471	[1] 463,645	12,850,826	.....	3.4	96.5	.....
	1914	4	23	2	404	[1] 19	385	.....	4.7	95.3	.....	5,233,475	[1] 247,990	4,985,485	.....	4.7	95.3	.....
Woolen and worsted goods	1919	1	22	3	14,490	.....	13,397	[3] 1,093	.....	92.5	7.5	100,325,294	.....	93,302,953	[3] 7,022,341	.....	93.0	7.0
	1914	2	19	5	14,280	.....	11,912	[3] 2,368	.....	83.4	16.6	35,738,853	.....	29,025,263	[3] 6,713,590	.....	81.2	18.8
Total for cities[4]	1919	3,730	2,963	1,291	402,485	20,621	359,808	22,056	5.1	89.4	5.5	2,804,962,661	122,418,857	2,554,429,038	128,114,766	4.4	91.1	4.6
	1914	3,464	2,343	1,062	283,219	21,818	237,951	23,450	7.7	84.0	8.3	1,090,474,035	55,023,476	969,539,104	65,911,455	5.0	88.9	6.0
ASBURY PARK	1919	41	9	10	393	100	210	83	25.4	53.4	21.1	1,565,289	974,998	420,127	170,164	62.3	26.8	10.9
	1914	30	8	6	312	101	102	109	32.4	32.7	34.9	765,762	431,111	233,731	100,920	56.3	30.5	13.2
ATLANTIC CITY	1919	105	28	21	958	265	577	116	27.7	60.2	12.1	6,358,720	1,723,742	3,899,489	735,489	27.1	61.3	11.6
	1914	69	23	15	918	229	627	62	24.9	68.3	6.8	2,971,065	622,935	2,147,937	200,193	21.0	72.3	6.7
BAYONNE	1919	76	52	24	14,994	471	14,233	290	3.1	94.9	1.9	260,602,109	1,861,281	257,901,180	839,648	0.7	99.0	0.3
	1914	50	53	18	10,150	174	9,792	184	1.7	96.5	1.8	98,234,245	584,574	97,391,299	258,372	0.6	99.1	0.3
BELLEVILLE	1919	16	25	7	1,856	37	1,478	341	2.0	79.6	18.4	11,764,501	262,194	9,733,923	1,768,384	2.2	82.7	15.0

[1] Includes the group "All others."
[2] Includes "iron and steel, tempering and welding"; "machine tools"; and "textile machinery and parts."
[3] Includes the group "Individuals."
[4] Excludes West Orange in 1914, to avoid disclosure of individual operations.

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

Industry and city.	Census year.	Number of establishments owned by—			Average number of wage earners.							Value of products.						
		Individuals.	Corporations.	All others.	Total.	In establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.	Total.	Of establishments owned by— Individuals.	Corporations.	All others.	Per cent of total. Individuals.	Corporations.	All others.
Bloomfield	1919	20	29	10	5,150	59	4,630	461	1.1	89.9	9.0	$25,245,436	$477,294	$22,307,209	$2,460,933	1.9	88.4	9.7
	1914	27	24	6	3,177	.....	2,583	[1] 594	.....	81.3	18.7	8,357,620	.....	6,910,156	[1] 1,447,464	.....	82.7	17.3
Bridgeton	1919	40	33	14	2,329	285	1,835	209	12.2	78.8	9.0	10,958,787	1,503,992	9,168,916	285,879	13.7	83.7	2.6
	1914	44	28	11	2,479	447	1,883	149	18.0	76.0	6.0	4,935,711	1,063,663	3,659,931	212,117	21.6	74.2	4.3
Camden	1919	138	152	46	40,906	673	39,164	1,069	1.6	95.7	2.6	218,165,277	3,981,085	207,216,815	6,967,377	1.8	95.0	3.2
	1914	178	130	37	22,541	1,046	20,517	978	4.6	91.0	4.3	71,823,905	2,372,508	66,372,290	3,079,107	3.3	92.4	4.3
Clifton	1919	21	23	5	3,253	48	2,960	245	1.5	91.0	7.5	29,430,811	403,500	26,870,426	2,156,885	1.4	91.3	7.3
East Orange	1919	44	25	7	2,683	101	2,541	41	3.8	94.7	1.5	11,084,224	585,687	10,365,557	132,980	5.3	93.5	1.2
	1914	29	12	10	1,949	106	1,754	89	5.4	90.0	4.6	5,406,985	350,902	4,841,680	214,403	6.5	89.5	4.0
Elizabeth	1919	93	92	41	18,386	293	17,497	596	1.6	95.2	3.2	76,440,515	1,486,324	72,624,881	2,329,310	1.9	95.0	3.0
	1914	94	74	16	12,870	531	11,927	412	4.1	92.7	3.2	31,228,181	1,081,324	28,277,858	1,868,999	3.5	90.6	6.0
Englewood	1919	18	7	4	256	30	206	20	11.7	80.5	7.8	1,119,264	171,944	887,727	59,593	15.4	79.3	5.3
	1914	15	4	.....	91	42	49	.....	46.2	53.8	.....	321,161	(2)	(2)	.....	.....	.....	.....
Garfield	1919	32	20	4	5,025	149	4,871	5	3.0	96.9	0.1	40,233,553	393,295	39,790,670	49,588	1.0	98.9	0.1
	1914	20	14	5	5,869	69	5,755	45	1.2	98.1	0.8	16,113,492	151,184	15,887,856	74,452	0.9	98.6	0.5
Gloucester	1919	6	10	5	6,225	8	6,210	7	0.1	99.8	0.1	19,994,017	54,811	19,814,414	124,792	0.3	99.1	0.6
	1914	13	9	1	1,945	.....	1,923	[1] 22	.....	98.9	1.1	4,710,951	.....	4,593,886	[1] 117,065	.....	97.5	2.5
Hackensack	1919	25	17	3	698	94	567	37	13.5	81.2	5.3	3,707,795	371,295	3,167,335	169,165	10.0	85.4	4.6
	1914	27	12	4	766	.....	640	[1] 126	.....	83.6	16.4	2,252,503	.....	1,858,756	[1] 393,747	.....	82.5	17.5
Harrison	1919	29	25	9	13,026	258	12,543	225	2.0	96.3	1.7	61,760,542	1,494,729	59,152,667	1,119,146	2.4	95.8	1.8
	1914	20	24	8	7,404	214	7,022	168	2.9	94.8	2.3	17,960,500	447,080	17,119,123	394,297	2.5	95.3	2.2
Hoboken	1919	136	96	48	15,933	697	14,637	599	4.4	91.9	3.8	70,311,540	5,184,186	61,904,434	3,222,920	7.3	88.0	4.6
	1914	111	95	52	9,290	445	8,104	741	4.8	87.2	8.0	23,461,298	1,675,104	20,158,155	1,628,039	7.1	85.9	6.9
Irvington	1919	32	51	6	1,956	113	1,817	26	5.8	92.9	1.3	12,175,332	734,076	11,323,513	117,743	6.0	93.0	1.0
	1914	33	26	15	921	214	593	114	23.2	64.4	12.4	7,349,713	445,057	6,664,506	240,150	6.1	90.7	3.3
Jersey City	1919	449	305	142	36,981	2,370	32,866	1,745	6.4	88.9	4.7	374,182,024	14,528,725	345,834,428	13,819,771	3.9	92.4	3.7
	1914	405	254	111	31,021	2,693	26,621	1,707	8.7	85.8	5.5	164,528,608	8,050,681	149,107,178	7,370,749	4.9	90.6	4.5
Kearny	1919	19	27	3	14,860	107	14,751	2	0.7	99.3	(3)	80,832,074	475,593	80,325,180	31,301	0.6	99.4	(3)
	1914	31	16	4	5,094	100	4,986	8	2.0	97.9	0.1	15,419,840	306,634	15,094,606	18,600	2.0	97.9	0.1
Long Branch	1919	38	15	12	841	120	496	225	14.3	59.0	26.8	3,012,724	466,278	1,531,122	1,015,324	15.5	50.8	33.7
	1914	17	8	8	410	.....	213	[1] 197	.....	52.0	48.0	1,055,428	.....	451,769	[1] 603,659	.....	42.8	57.2
Millville	1919	24	12	8	3,857	86	3,738	33	2.2	96.9	0.9	10,416,362	340,976	9,970,131	105,255	3.3	95.7	1.0
	1914	28	11	11	3,198	62	3,066	70	1.9	95.9	2.2	4,644,412	194,329	4,341,752	108,331	4.2	93.5	2.3
Montclair	1919	22	7	5	281	52	203	26	18.5	72.2	9.3	2,282,413	565,772	1,581,386	135,255	24.8	69.3	5.9
	1914	25	10	7	382	77	267	38	20.2	69.9	9.9	1,431,768	(2)	(2)	(2)	.....	.....	.....
Morristown	1919	34	13	9	248	70	90	88	28.2	36.3	35.5	1,352,152	454,685	362,375	535,092	33.6	26.8	39.6
	1914	14	11	6	218	66	90	62	30.3	41.3	28.4	684,266	249,162	291,519	143,585	36.4	42.6	21.0
New Brunswick	1919	70	51	17	7,673	256	7,154	263	3.3	93.2	3.4	42,624,947	990,233	41,084,056	550,658	2.3	96.4	1.3
	1914	57	43	13	6,448	241	5,991	216	3.7	92.9	3.3	14,814,018	496,899	14,006,391	310,728	3.4	94.5	2.1
Newark	1919	914	922	319	86,707	4,995	75,893	5,819	5.8	87.5	6.7	577,608,564	31,112,440	510,040,087	36,456,037	5.4	88.3	6.3
	1914	1,102	801	372	63,084	7,016	48,911	7,157	11.1	77.5	11.3	210,601,047	17,740,192	171,237,604	21,623,251	8.4	81.3	10.3
Orange	1919	41	30	10	2,712	149	2,179	384	5.5	80.3	14.2	13,092,066	1,270,052	9,415,569	2,406,445	9.7	71.9	18.4
	1914	46	18	8	2,126	209	1,765	152	9.8	83.0	7.1	4,558,321	884,761	3,243,273	430,287	19.4	71.2	9.4
Passaic	1919	119	81	34	18,203	636	17,222	345	3.5	94.6	1.9	129,073,484	2,793,399	124,951,034	1,329,051	2.2	96.8	1.0
	1914	99	62	34	17,142	764	14,060	2,318	4.5	82.0	13.5	53,267,859	1,412,115	44,810,180	7,045,564	2.7	84.1	13.2
Paterson	1919	391	402	251	37,217	4,324	26,919	5,974	11.6	72.3	16.1	216,659,174	28,244,381	151,425,901	36,988,892	13.0	69.9	17.1
	1914	337	271	127	30,925	3,624	21,571	5,730	11.7	69.8	18.5	78,428,639	7,488,558	56,798,084	14,141,997	9.5	72.4	18.0
Perth Amboy	1919	61	48	15	9,197	466	8,483	248	5.1	92.2	2.7	230,658,263	2,227,709	227,973,628	456,926	1.0	98.8	0.2
	1914	67	48	13	9,202	301	8,790	111	3.3	95.5	1.2	148,959,944	826,482	147,695,716	437,746	0.6	99.1	0.3
Phillipsburg	1919	18	27	8	5,403	39	5,343	21	0.7	98.9	0.4	29,407,670	298,466	28,922,035	187,169	1.0	98.3	0.6
	1914	14	20	6	4,359	148	4,194	17	3.4	96.2	0.4	11,328,677	582,495	10,663,846	82,336	5.1	94.1	0.7
Plainfield	1919	50	29	15	3,421	189	3,001	231	5.5	87.7	6.8	17,540,331	728,782	15,919,600	891,949	4.2	90.8	5.1
	1914	37	29	12	1,832	319	1,143	370	17.4	62.4	20.2	5,008,880	713,025	3,714,958	580,897	14.2	74.2	11.6
Rahway	1919	13	16	7	1,697	99	1,540	58	5.8	90.7	3.4	11,747,584	720,493	10,825,443	201,648	6.1	92.2	1.7
Trenton	1919	194	152	43	24,547	850	23,172	525	3.5	94.4	2.1	122,477,987	4,915,599	115,085,207	2,477,181	4.0	94.0	2.0
	1914	208	132	54	19,828	1,163	17,936	729	5.9	90.5	3.7	54,821,906	3,132,335	50,387,962	1,301,609	5.7	91.9	2.4
Union	1919	71	28	17	1,506	330	625	551	21.9	41.5	36.6	8,195,484	2,097,131	5,718,592	379,761	25.6	69.8	4.6
	1914	47	14	14	1,479	182	1,099	198	12.3	74.3	13.4	4,465,201	495,865	3,622,991	346,345	11.1	81.1	7.8
West Hoboken	1919	192	45	70	3,565	855	2,207	503	24.0	61.9	14.1	16,652,844	4,145,445	10,271,846	2,235,553	24.9	61.7	13.4
	1914	117	30	42	3,454	758	2,140	556	21.9	62.0	16.1	6,601,166	1,584,215	3,867,824	1,149,127	24.0	58.6	17.4
West New York	1919	109	45	38	3,208	862	1,766	580	26.9	55.0	18.1	28,377,866	3,822,352	19,458,801	5,096,713	13.5	68.6	18.0
	1914	53	29	16	2,335	257	1,837	241	11.0	78.7	10.3	13,960,963	535,694	12,804,606	620,663	3.8	91.7	4.4
All Other Cities [4]	1919	29	14	4	6,334	85	6,184	65	1.3	97.6	1.0	27,844,036	555,913	27,183,334	104,789	2.0	97.6	0.4

[1] Includes the group "Individuals."
[2] Figures can not be shown without disclosing individual operations.
[3] Less than one-tenth of 1 per cent.
[4] All other cities comprise Roosevelt, Summit, and West Orange, to avoid disclosure of individual operations.

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

	Census year.	Aggregate.	Cities having a population of 10,000 or over.								The state outside of cities having a population of 10,000 or over.[1]	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919	.....	39	.....	18	.....	16	.....	5	.....	.....	.....
	1914	.....	33	.....	19	.....	9	.....	5	.....	.....	.....
	1909	.....	32	.....	18	.....	11	.....	3	.....	.....	.....
Population [2]	1920	3,155,900	2,070,129	65.6	267,130	8.5	718,899	22.8	1,084,100	34.4	1,085,771	34.4
	1915	2,815,663	1,837,804	65.3	317,540	11.3	493,636	17.5	1,026,628	36.5	977,859	34.7
	1910	2,537,167	1,635,863	64.5	271,936	10.7	623,079	24.6	740,848	29.2	901,304	35.5
Number of establishments	1919	11,057	7,984	72.2	885	8.0	2,279	20.6	4,820	43.6	3,073	27.8
	1914	9,742	6,869	70.5	1,045	10.7	1,305	13.4	4,519	46.4	2,873	29.5
	1909	8,817	5,954	67.5	838	9.5	1,812	20.6	3,304	37.5	2,863	32.5
Average number of wage earners	1919	508,686	402,485	79.1	54,844	10.8	121,283	23.8	226,358	44.5	106,201	20.9
	1914	373,605	283,219	75.8	48,719	13.0	67,101	18.0	167,399	44.8	90,386	24.2
	1909	326,223	249,834	76.6	40,845	12.5	91,669	28.1	117,320	36.0	76,389	23.4
Value of products	1919	$3,672,064,987	$2,804,962,661	76.4	$268,331,196	7.3	$1,027,537,539	28.0	$1,509,093,926	41.1	$867,102,326	23.6
	1914	1,406,633,414	1,090,474,035	77.5	135,580,866	9.6	374,689,064	26.6	580,204,105	41.2	316,159,379	22.5
	1909	1,145,529,076	896,496,813	78.3	102,081,119	8.9	394,489,798	34.4	399,925,896	34.9	249,032,263	21.7
Value added by manufacture	1919	1,401,591,708	1,101,333,889	78.6	137,026,357	9.8	345,122,987	24.6	619,184,545	44.2	300,257,819	21.4
	1914	523,168,820	403,982,399	77.2	60,955,320	11.7	94,710,715	18.1	248,316,364	47.5	119,186,421	22.8
	1909	425,495,677	329,712,587	77.5	48,057,304	11.3	120,408,974	28.4	161,246,309	37.9	95,783,090	22.5

[1] Includes West Orange in 1914, to avoid disclosure of individual operations.
[2] Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

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

City and industry.	Value of products.			
	Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914.	
			Amount.	Per cent.
ATLANTIC CITY.				
Bread and other bakery products	$1,406,302	2.5	$990,448	238.2
Confectionery and ice cream	1,098,493	6.5	937,895	584.0
Ice, manufactured	290,814	6.4	144,659	99.0
Printing, job	282,048	2.9	167,228	145.6
Foundry and machine-shop products	223,468	0.2	118,879	113.7
Gas, illuminating and heating; Lumber, planing-mill products, not including planing mills connected with sawmills; Printing and publishing, newspapers and periodicals; Slaughtering and meat packing	(2)	(2)	(2)	(2)
BAYONNE.				
Chemicals	6,178,189	7.4	(2)	.....
Bread and other bakery products	868,628	1.6	497,451	134.0
Clothing, women's	621,118	3.5	(2)	.....
Boxes, wooden packing, except cigar boxes; Cooperage, hogsheads and barrels; Dyeing and finishing textiles, exclusive of that done in textile mills; Electrical machinery, apparatus, and supplies; Food preparations, not elsewhere specified; Foundry and machine-shop products; Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills; Oil, essential; Oil, vegetable; Petroleum, refining; Shipbuilding, wooden, including boat building; Silk goods; Smelting and refining, metals, not elsewhere specified; Soap; Sulphuric, nitric, and mixed acids; Suspenders, garters, and elastic woven goods; Tinware, not elsewhere specified	(2)	(2)	(2)	(2)
CAMDEN.				
Leather, tanned, curried, and finished	24,998,370	32.0	17,265,012	223.3
Worsted goods	5,445,023	5.7	2,735,775	101.0
CAMDEN—Continued.				
Foundry and machine-shop products	$3,177,342	2.5	$579,201	22.3
Bread and other bakery products	2,622,671	4.7	1,747,071	199.5
Shipbuilding, wooden, including boat building	2,325,733	28.4	(2)	.....
Soap	2,169,653	5.8	859,443	65.6
Boots and shoes	1,658,988	12.9	688,909	71.0
Tobacco, cigars	1,558,457	4.8	(2)	.....
Chemicals	1,420,591	1.7	(2)	.....
Paints	1,399,201	7.6	(2)	.....
Bone and lamp black; Canning and preserving, vegetables; Cars and general shop construction and repairs by steam-railroad companies; Chocolate and cocoa products; Cleansing and polishing preparations; Coffee, roasting and grinding; Coke, not including gas-house coke; Cork, cutting; Drug grinding; Dyeing and finishing textiles, exclusive of that done in textile mills; Gas, illuminating and heating; Iron and steel forgings, not made in steel works or rolling mills; Knit goods; Millinery and lace goods, not elsewhere specified; Oilcloth and linoleum, floor; Pens, steel; Phonographs and graphophones; Shipbuilding, steel; Steam fittings and steam and hot-water heating apparatus; Wool scouring	(2)	(2)	(2)	(2)
EAST ORANGE.				
Electrical machinery, apparatus, and supplies	6,787,060	5.6	3,999,549	143.5
Bread and other bakery products	305,870	0.5	28,082	10.1
Druggists' preparations; Foundry and machine-shop products; Knit goods	(2)	(2)	(2)	(2)

[1] A minus sign (—) denotes decrease.
[2] Figures can not be shown without disclosing individual operations.

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

CITY AND INDUSTRY.	VALUE OF PRODUCTS. Amount, 1919.	Per cent of total for the state.	Increase[1] over 1914. Amount.	Per cent.
ELIZABETH.				
Oil, animal and composite	$4,207,166	13.6	$1,106,704	35.7
Electrical machinery, apparatus, and supplies	3,345,518	2.8	(2)	.....
Foundry and machine-shop products [3]	2,851,555	2.0	821,898	40.5
Chemicals	1,680,055	2.0	931,723	124.5
Bread and other bakery products	1,064,899	1.9	560,823	111.3
Boot and shoe cut stock; Cars and general shop construction and repairs by steam-railroad companies; Furniture; Liquors, malt; Paper and wood pulp; Sewing machines; Shipbuilding, steel; Shirts; Wire	(2)	(2)	(2)	(2)
HOBOKEN.				
Foundry and machine-shop products	4,500,887	3.5	2,328,858	107.2
Bread and other bakery products	3,700,032	6.6	2,096,428	130.7
Furniture	2,947,994	27.4	1,563,695	113.0
Food preparations, not elsewhere specified	1,691,058	5.0	(2)	.....
Baking powders; Electrical machinery, apparatus, and supplies; Instruments, professional and scientific; Leather, tanned, curried, and finished; Pencils, lead; Shipbuilding, steel, repair work only; Tin foil	(2)	(2)	(2)	(2)
JERSEY CITY.				
Slaughtering and meat packing	78,236,075	71.0	53,001,039	210.0
Bread and other bakery products	12,201,220	21.9	9,618,678	372.5
Foundry and machine-shop products [4]	10,486,063	7.8	7,413,052	241.3
Tobacco, cigars and cigarettes	8,799,933	27.2	(2)	.....
Cars and general shop construction and repairs by steam-railroad companies	7,729,037	26.2	6,169,412	395.6
Electrical machinery, apparatus, and supplies	7,395,196	6.1	4,837,873	189.2
Chemicals	7,023,242	8.4	4,683,349	200.2
Millinery and lace goods, not elsewhere specified	3,898,898	15.9	3,104,325	390.7
Confectionery and ice cream	3,695,997	21.9	2,110,156	133.1
Food preparations, not elsewhere specified	3,053,788	10.9	(2)	.....
Silk goods	3,377,846	1.6	1,002,998	42.2
Brass and bronze products	3,350,864	23.3	1,249,468	59.5
Paints	2,177,431	11.8	(2)	.....
Bags, other than paper, not including bags made in textile mills; Belting and hose, woven, other than rubber; Chocolate and cocoa products; Coal-tar products; Cordage and twine; Gas and electric fixtures; Iron and steel, steel works and rolling mills; Iron and steel, wrought pipe; Oil, castor; Oleomargarine and other butter substitutes; Pencils, lead; Petroleum, refining; Rubber tires, tubes, and rubber goods, not elsewhere specified; Shipbuilding, steel, repair work only; Soap; Sugar, refining, not including beet sugar; Tobacco, chewing, and snuff	(2)	(2)	(2)	(2)
NEWARK.				
Leather, tanned, curried, and finished	48,276,048	61.9	28,158,029	140.0
Electrical machinery, apparatus, and supplies	32,134,006	26.7	23,214,421	260.2
Jewelry	27,484,352	98.5	16,269,138	145.1
Foundry and machine-shop products [5]	17,044,922	12.6	11,699,409	218.9
Liquors, malt	15,332,121	58.6	3,260,458	27.0
Chemicals	14,953,344	17.8	8,876,722	146.1
Bread and other bakery products	13,839,848	24.8	8,411,021	154.9
Slaughtering and meat packing	13,273,676	12.0	8,441,662	174.7
Coal-tar products	11,596,070	25.9	(2)	.....
Paints	10,660,128	57.6	6,846,163	179.5
Hats, fur-felt	8,394,988	50.5	4,494,034	115.2
Corsets	8,357,826	89.9	3,735,593	80.8
Varnishes	7,316,977	55.0	3,369,759	85.4
NEWARK—Continued.				
Clothing, men's	$6,271,372	39.3	(2)	.....
Clothing, women's	5,668,915	31.7	$3,232,748	132.7
Stamped ware, not elsewhere specified	5,475,390	80.4	(2)	.....
Boots and shoes	5,331,339	41.4	(2)	.....
Tobacco, cigars and cigarettes	5,320,343	16.5	(2)	.....
Coffee, roasting and grinding; Cotton goods; Gas, illuminating and heating; Gold and silver, reducing and refining, not from the ore; Shipbuilding, steel, new vessels; Smelting and refining, copper; Upholstering materials, imitation leather and leatheroid	(2)	(2)	(2)	(2)
PASSAIC.				
Worsted goods	51,274,660	53.9	(2)	.....
Cotton goods	20,656,860	9.6	(2)	.....
Furnishing goods, men's	5,443,314	58.8	(2)	.....
Silk goods, including throwsters	4,965,919	8.5	(2)	.....
Foundry and machine-shop products	3,958,740	3.1	2,764,124	231.4
Dyeing and finishing textiles, exclusive of that done in textile mills	3,739,265	4.7	(2)	.....
Millinery and lace goods, not elsewhere specified	1,033,648	4.2	108,695	11.8
Belting and hose, rubber; Blacking, stains, and dressings; Cars, steam-railroad, not including operations of railroad companies; Coal-tar products; Electrical machinery, apparatus, and supplies; Paper goods, not elsewhere specified; Rubber tires, tubes, and rubber goods, not elsewhere specified; Slaughtering and meat packing; Tinware, not elsewhere specified; Upholstering materials, imitation leather and leatheroid	(2)	(2)	(2)	(2)
PATERSON.				
Silk goods, including throwsters	139,497,179	64.9	94,824,778	212.3
Dyeing and finishing textiles, exclusive of that done in textile mills	20,022,112	25.2	12,495,408	166.0
Shirts	8,316,587	67.9	(2)	.....
Foundry and machine-shop products [3]	5,751,892	4.1	1,808,317	45.9
Jute goods	2,902,057	100.0	1,670,960	135.7
Bread and other bakery products	2,717,830	4.9	1,532,811	129.3
Clothing, men's	1,111,934	7.0	567,555	104.3
Lumber, planing-mill products, not including planing mills connected with sawmills	1,053,828	9.8	(2)	.....
Cordage and twine; Files; Gas, illuminating and heating; Iron and steel, wrought pipe; Knit goods; Liquors, malt; Locomotives, not made by railroad companies; Slaughtering and meat packing; Steam fittings and steam and hot-water heating apparatus	(2)	(2)	(2)	(2)
TRENTON.				
Rubber tires, tubes, and rubber goods, not elsewhere specified	30,392,955	36.1	22,324,917	276.7
Pottery	11,677,497	72.0	5,122,837	78.2
Tobacco, cigars	5,070,656	15.7	(2)	.....
Electrical machinery, apparatus, and supplies	3,693,374	3.1	(2)	.....
Foundry and machine-shop products	3,223,647	2.5	−1,392,557	−30.2
Bread and other bakery products	2,585,752	4.6	1,260,429	95.1
Clothing, men's	1,776,207	11.1	(2)	.....
Confectionery and ice cream	1,497,533	8.9	751,383	100.7
Gas, illuminating and heating; Iron and steel, steel works and rolling mills; Knit goods; Plumbers' supplies, not elsewhere specified; Structural ironwork, not made in steel works or rolling mills; Wire; Worsted goods	(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"; "machine tools"; and "textile machinery and parts."
[4] Includes "iron and steel, tempering and welding" and "textile machinery and parts."
[5] Includes "iron and steel, tempering and welding" and "machine tools."

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	48,383	23,936	13,044	1,146,744	793,063	612,293	100.0	100.0	100.0
Owned	7,203	7,586	8,039	834,792	689,101	570,391	72.8	86.9	93.2
Steam [1]	5,593	5,868	6,378	781,434	642,608	529,848	68.1	81.0	86.6
Engines	5,133	(2)	(2)	573,463	(2)	(2)	50.0	.....	.....
Turbines	460	(2)	(2)	207,971	(2)	(2)	18.1	.....	.....
Internal-combustion engines	1,303	1,328	1,116	40,830	30,592	20,867	3.6	3.9	3.4
Water	304	390	545	12,528	15,901	19,676	1.1	2.0	3.2
Water wheels and turbines	270	360	504	12,396	15,436	18,558	1.1	1.9	3.0
Water motors	34	30	33	132	465	1,118	(3)	0.1	0.2
Rented	41,180	16,350	5,005	311,952	103,962	41,902	27.2	13.1	6.8
Electric	41,180	16,350	5,005	305,762	94,605	33,157	26.7	11.9	5.4
Other	.....	.....	.....	6,190	9,357	8,745	0.5	1.2	1.4
Electric	77,762	37,793	17,145	724,153	352,206	182,475	100.0	100.0	100.0
Rented	41,180	16,350	5,005	305,762	94,605	33,157	42.2	26.9	18.2
Generated by establishments reporting	36,582	21,443	12,140	418,391	257,601	149,318	57.8	73.1	81.8

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries 1919	3,581,497	6,701,052	693,592	6,527,011	96,370	1,969,277
All industries 1914	4,085,925	3,936,555	444,749	1,629,268	(1)	1,231,745
Per cent of increase [2]	−12.3	70.2	56.0	306.5	(1)	59.9
Aluminum manufactures	363	14,967	730	10,131	10	2,110
Ammunition	6,100	14,989	.....	4,914	.....	678
Automobile bodies and parts	3,721	15,688	30	12,285	589	9,889
Belting and hose, rubber	25,200	19,035	.....	.....	1,920	1,245
Boots and shoes, not including rubber boots and shoes	4,578	6,656	.....	.....	3	3,038
Brass, bronze, and copper products	7,584	17,596	5,450	31,235	125	7,697
Bread and other bakery products	102,342	15,159	5,200	143	1,280	46,002
Brick and tile, terra-cotta, and fire-clay products	20,258	199,878	3,700	8,397	262	12
Cars and general shop construction and repairs by steam-railroad companies	75,040	77,239	.....	10,697	99	17
Cement	22,914	333,791	.....	.....	152	.....
Chemicals	283,265	221,877	8,189	61,805	5,699	16,987
Coal-tar products	45,472	265,140	195	76,647	205	22,951
Confectionery and ice cream	6,399	19,236	263	571	579	21,074
Cordage and twine	23,222	2,725	.....	.....	.....	.....
Cotton goods	64,638	50,164	51	4,180	71	3,157
Dyeing and finishing textiles, exclusive of that done in textile mills	279,258	179,487	194	15,941	1,112	85,018
Electrical machinery, apparatus, and supplies	52,844	120,300	721	26,058	9,317	224,893
Engines, steam, gas, and water	1,252	18,707	321	2,015	1,197	8,829
Explosives	10,582	242,113	.....	972	.....	.....
Fertilizers	5,545	47,276	527	987	195	.....
Files	5,334	20,807	204	13,029	.....	4,276
Flour-mill and gristmill products	1,032	19,330	.....	221	843	4,017
Food preparations, not elsewhere specified	36,965	11,196	1,024	2,896	443	19,386
Foundry and machine-shop products	37,134	196,643	51,072	73,657	2,903	40,576
Gas and electric fixtures	2,998	10,337	192	454	110	47,612
Gas, illuminating and heating	151,379	100,905	107,560	1,023,324	5,554	.....
Glass	2,556	168,002	2,296	134,943	289	45,245
Grease and tallow, not including lubricating greases	7,390	9,448	.....	.....	40	6
Hats, fur-felt	14,954	13,998	1,089	3,606	1	1,991
Ice, manufactured	53,119	92,057	414	3,379	46	.....
Iron and steel, steel works and rolling mills	35,634	392,985	3,357	430,771	293	1,800
Iron and steel, cast-iron pipe	16,751	21,067	32,255	10	50	.....
Iron and steel, forgings, not made in steel works or rolling mills	954	22,657	10,222	54,979	60	645
Iron and steel, wrought pipe	9,260	6,609	432	7,040	225	2,640
Leather, tanned, curried, and finished	15,033	76,704	2,302	49	12	130
Liquors, malt	61,672	27,310	1,203	.....	2,101	140
Locomotives, not made by railroad companies	9,978	6,543	700	15,528	.....	.....
Lumber, planing-mill products, not including planing mills connected with saw-mills	4,410	5,004	339	5,052	1,914	5,009
Machine tools	1,887	10,585	1,855	1,025	52	80
Minerals and earths, ground or otherwise treated	4,078	18,339	.....	.....	96	60
Oil, not elsewhere specified	30,333	20,094	119	2,901	255	210
Oilcloth and linoleum, floor	17,459	75,254	1,263	.....	.....	.....

[1] Included in figures for fuel oils.

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

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

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
Paints	1,708	48,291	1,664	3,380	64	68,707
Paper and wood pulp	129,058	120,959	522	51,235	112	.....
Patent medicines and compounds	18,338	23,864	.....	352	2	721
Paving materials	19,648	35,600	58	9,744	250	.....
Petroleum, refining	632,960	174,163	127,258	3,680,753	7,275	17,198
Phonographs and graphophones	28,708	57,878	.....	1,573	84	9,519
Pottery	28,078	145,964	100	5,139	177	479
Roofing materials	16,169	6,698	386	191	220	45,610
Rubber tires, tubes, and rubber goods, not elsewhere specified	43,853	183,375	825	33,321	2,235	539
Shipbuilding, steel	19,475	157,243	14,286	109,847	30,058	23,188
Shipbuilding, wooden, including boat building	2,508	8,016	14	112	341	927
Silk goods, including throwsters	62,853	22,131	383	562	694	2,947
Slaughtering and meat packing	52,474	41,685	3,087	200	300	2,448
Smelting and refining, copper	126,271	291,325	57,879	118,304	248	708,453
Soap	77,733	6,651	.....	.....	.....	72
Sugar, refining, not including beet sugar	18,176	154,193	180	132,157	.....	.....
Sulphuric, nitric, and mixed acids	39,168	14,752	35	34,355	.....	.....
Upholstering materials, not elsewhere specified	5,536	4,667	130	1,953	.....	.....
Varnishes	5,117	6,251	1,931	1,707	36	60
Wire	2,350	193,189	2,005	33,956	262	2,934
Wirework, including wire rope and cable, not elsewhere specified	1,143	8,706	315	1,467	651	3,646
Woolen goods	18,092	300	.....	1,080	.....	.....
Worsted goods	99,302	100,572	.....	121	253	1,982
All other industries	571,892	1,686,682	239,065	265,660	15,006	452,421
Total for cities	2,381,423	3,535,389	541,716	4,389,576	80,722	1,665,955
ASBURY PARK	1,014	1,767	.....	.....	.....	40
ATLANTIC CITY	18,600	13,857	17	57,468	24	10,141
BAYONNE	524,363	149,069	154,289	1,763,194	11,918	65,718
BELLEVILLE	2,590	15,340	1,201	19,723	2	847
BLOOMFIELD	23,020	22,622	318	11,829	481	14,087
BRIDGETON	462	39,601	2,157	30,187	434	4,540
CAMDEN	120,928	624,467	31,896	158,098	3,080	46,584
CLIFTON	31,683	19,262	468	215	512	4,439
EAST ORANGE	9,877	3,464	549	191	397	29,673
ELIZABETH	134,284	259,766	14,109	137,153	672	63,814
ENGLEWOOD	4,465	1,776	.....	.....	.....	2,314
GARFIELD	87,126	13,550	.....	21,394	.....	4,661
GLOUCESTER	691	42,963	1,633	3,005	294	68,065
HACKENSACK	6,715	1,001	.....	.....	12	.....
HARRISON	41,040	181,938	8,195	122,035	132	121,668
HOBOKEN	26,189	56,845	3,744	7,002	972	17,339
IRVINGTON	11,851	14,788	12,191	2,069	60	9,315
JERSEY CITY	297,903	283,405	64,572	827,675	10,635	97,675
KEARNY	66,130	85,490	11,092	19,646	28,028	4,155
LONG BRANCH	5,535	4,407	360	23,458	4	1,510
MILLVILLE	1,140	85,115	166	32,055	294	8,972
MONTCLAIR	6,625	125	6	.....	8,100	2,089
MORRISTOWN	4,527	30	12	.....	20	792
NEW BRUNSWICK	11,721	69,666	241	2,541	907	20,377
NEWARK	333,808	444,843	158,567	452,637	6,797	268,314
ORANGE	16,469	7,128	461	.....	68	260
PASSAIC	141,964	109,299	1,752	47,835	416	11,883
PATERSON	244,248	65,186	4,063	166,339	1,333	30,305
PERTH AMBOY	82,809	342,222	30,178	99,766	62	713,645
PHILLIPSBURG	18,400	62,688	11,268	30,769	55	824
PLAINFIELD	1,794	24,010	1,893	14,674	3,149	3,180
RAHWAY	711	13,647	77	15,108	4	1,889
TRENTON	50,467	387,177	25,724	318,147	1,042	16,866
UNION	15,425	1,617	.....	136	16	3,606
WEST HOBOKEN	5,018	12,550	3	6	2	5,043
WEST NEW YORK	28,734	7,503	100	3,176	416	2,985
ALL OTHER CITIES [1]	3,097	67,205	414	2,045	384	8,340

[1] All other cities comprise Roosevelt, Summit, and West Orange.

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 15 of these industries in New Jersey are here presented.

Textiles (Table 19).—The following table shows for New Jersey the total value of products of all textiles combined, and the different important branches of manufacture, with value of products for each in 1919, 1914, and 1909:

TABLE 19.—TEXTILES: 1919, 1914, AND 1909.

INDUSTRY.	VALUE OF PRODUCTS.		
	1919	1914	1909
Total[1]	$467,195,941	$165,841,774	$143,347,053
Silk goods, including throwsters	215,050,560	75,706,449	65,429,550
Wool manufactures	108,214,464	38,493,312	35,883,854
Woolen, worsted, and felt goods, and wool-felt hats	102,302,296	36,268,561	33,938,637
Carpets and rugs, other than rag	5,912,168	2,224,751	1,945,217
Cotton manufactures, including cotton goods, cotton lace, and cotton small wares	60,475,426	16,782,164	13,728,874
Oilcloth and linoleum	25,534,739	11,384,311	10,142,596
Knit goods	23,853,075	7,849,556	3,810,241
Cordage and twine, jute goods, and linen goods	17,442,320	7,656,638	5,526,721
Hats, fur-felt	16,625,357	7,969,344	8,825,217

[1] Exclusive of wool shoddy, to avoid disclosing individual operations; 2 establishments, 1919; 3 establishments, 1914; and 5 establishments, 1909.

In 1919 there were 917 textile establishments in New Jersey, giving employment to an average of 71,447 wage earners for the year. The manufacture of textiles was of primary importance among the industries of the state, as measured by value of products, and New Jersey ranked fourth among the states in the value of textile products, reporting 9 per cent of the total. Separate statistics covering each of the important branches of textile manufactures for the state are shown in detail on the following pages.

Machinery used in textile mills (Table 20).—The different kinds of machines, the use of which is considered by the textile industries as best indicating the trend of manufacturing, are shown in detail for several branches of textile manufactures in New Jersey for 1919, 1914, and 1909.

The increase of 26.1 per cent in looms used in cotton manufactures, in spite of the 4.4 per cent decrease in spindles during the ten-year period 1909 to 1919, is due chiefly to developments in the manufacture of tire duck, for which New Jersey purchases large quantities of yarns for weaving. There was a general increase in the total number of spindles and of machines used in the woolen, worsted, and felt goods, and wool-felt hat industries; for the decade the producing spindles increased 28.4 per cent, looms 15.1 per cent, sets of woolen cards 22.9 per cent, and wool-combing machines 38.9 per cent in number. The silk-goods industry, including throwsters, made increases during the same period in both spindles and looms, amounting to 21.7 and 32.6 per cent, respectively. For the knit-goods industry the number of knitting machines showed a notable increase for the ten-year period presented in the table—228.3 per cent—and the few spindles and cards that were used at prior censuses became obsolete.

TABLE 20.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Census year.	Total.	Cotton goods, cotton lace, and cotton small wares.	Woolen, worsted, and felt goods, and wool-felt hats.	Silk goods, including throwsters.	Knit goods.
Producing spindles (not including twisting and doubling spindles).	1919	982,591	402,263	296,207	284,121	.....
	1914	945,070	443,938	280,502	213,327	7,303
	1909	894,520	420,784	230,714	233,440	9,582
Looms	1919	[1] 48,345	4,265	5,745	[1] 38,335	.....
	1914	36,290	2,800	5,709	27,781	.....
	1909	37,287	3,381	4,991	28,915	.....
Knitting machines	1919	[2] 4,898	.....	.....	.....	[2] 4,898
	1914	3,496	.....	.....	.....	3,496
	1909	1,492	.....	.....	.....	1,492
Woolen cards (sets)	1919	161	.....	161	.....	.....
	1914	190	.....	169	.....	21
	1909	163	.....	131	.....	32
Wool-combing machines	1919	368	.....	368	.....	.....
	1914	349	.....	349	.....	.....
	1909	265	.....	265	.....	.....

[1] Includes 3,654 looms idle entire year.
[2] Includes 275 knitting machines idle entire year.

Silk manufactures (Table 21).—The statistics presented for this industry were compiled from returns received from textile mills engaged in the manufacture of cloth and other finished textile products, and from independent establishments doing throwing and winding, either on their own account or for others on a commission basis.

At the census of 1919 New Jersey ranked second among the states in the value of silk textile manufactures. With 686 establishments, over one-half the total for the United States, the silk mills in this state gave employment to an average of 32,326 wage earners in 1919.

Raw silk was the principal item of cost among the materials used, and in 1919 formed 52.4 per cent of the total. From 1909 to 1919 the quantity of raw silk used increased 30.3 per cent, while thrown silk yarns, the material second in importance in cost, showed an increase of 206.4 per cent in quantity.

The following table relates to the quantity and cost of the principal materials and the quantity and value of the most important products of the industry in New Jersey in 1919, 1914, and 1909:

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

	1919	1914	1909
MATERIALS.			
Total cost	$123,441,248	$40,882,865	$33,265,177
Silk:			
Raw—			
Pounds	7,966,034	6,891,603	6,112,647
Cost	$64,680,504	$26,613,777	$23,705,609
Spun—			
Pounds	724,068	501,912	244,617
Cost	$4,149,060	$1,198,296	$628,027
Artificial—			
Pounds	555,728	487,887	103,148
Cost	$2,935,363	$923,675	$197,208
Organzine, tram, and hard crêpe twist—			
Pounds	3,504,601	1,471,594	1,143,754
Cost	$37,364,340	$6,154,447	$4,899,843
Yarns, other than silk:			
Cotton (not mercerized)—			
Pounds	1,877,056	2,975,046	1,889,158
Cost	$1,824,310	$1,087,780	$781,061
Mercerized cotton—			
Pounds	761,122	352,340	490,307
Cost	$1,123,817	$313,104	$390,198
Woolen or worsted—			
Pounds	52,782	396,383	69,169
Cost	$179,042	$450,763	$106,333
Other—			
Pounds	129,749	169,767	122,303
Cost	$349,961	$139,822	$170,009
Fuel and rent of power, cost	$1,084,470	$629,687	$537,514
All other materials, cost	$9,750,381	$3,371,514	$1,849,375
PRODUCTS.			
Total value	$215,050,560	$75,706,449	$65,429,550
Broad silks:			
Yards	108,547,532	69,163,010	64,788,199
Value	$147,569,327	$48,020,187	$43,167,205
All silk—			
Yards	99,483,146	52,049,169	52,403,047
Value	$133,227,850	$36,905,379	$35,553,705
In the gray—			
Yards	38,060,437	(1)	(1)
Value	$43,582,733	(1)	(1)
Piece-dyed and printed—			
Yards	36,980,499	[2] 21,243,602	[2] 4,763,872
Value	$50,970,277	[2] $14,648,890	[2] $3,200,166
Yarn-dyed, including warp-printed—			
Yards	24,442,210	[2] 30,805,567	[2] 47,639,175
Value	$38,674,840	[2] $22,256,489	[2] $32,353,539
Silk-mixed—			
Yards	9,064,386	17,113,841	12,385,152
Value	$14,341,477	$11,114,808	$7,613,500
In the gray—			
Yards	434,643	(1)	(1)
Value	$738,285	(1)	(1)
Piece-dyed and printed—			
Yards	3,916,893	[2] 8,269,269	[2] 3,584,329
Value	$6,103,987	[2] $5,171,512	[2] $1,834,553
Yarn-dyed, including warp-printed—			
Yards	4,712,850	[2] 8,844,572	[2] 8,800,823
Value	$7,499,205	[2] $5,943,296	[2] $5,778,947
Organzine, tram, and hard crêpe twist:			
Pounds	1,813,315	874,053	266,458
Value	$15,912,324	$3,058,454	$1,240,406
Ribbons, value	$30,342,220	$17,924,186	$14,971,005
Laces, nets, veils, veilings, etc., value	$2,031,122	$650,634	$531,923
Braids and bindings, value	$822,355	(3)	(3)
All other products, value	$9,864,558	$4,391,360	$3,082,438
Amount received for contract work, value	$8,508,654	$1,661,628	$2,436,573
Silk thrown on commission, pounds	2,252,631	1,790,594	2,661,205
Into organzine, pounds	693,900	693,593	813,906
Into tram, pounds	1,063,738	1,097,001	1,847,299
Into hard crêpe twist, pounds	494,943	(1)	(1)

[1] Not reported separately.
[2] Includes some gray goods.
[3] Included in "All other products."

Broad silks were the principal product of the silk mills in New Jersey, and in 1919 constituted 68.6 per cent of the total value of products for this industry in the state. The total quantity of broad silks increased 67.5 per cent from 1909 to 1919, due to the increase of 89.8 per cent in all-silk broad goods, since the quantity of silk-mixed broad goods decreased 26.8 per cent during this period. Ribbons was the item second in importance for the industry in New Jersey, according to value, although this product represented only 14.1 per cent of the total value of all products. There has been a continued increase in the quantity of yarns thrown for sale from purchased raw silk, which amounted to 580.5 per cent for the decade; the quantity of yarns thrown on commission, however, shows a slight decrease for the same period—15.4 per cent.

Wool manufactures (Table 22).—The following table shows in detail for New Jersey the quantity and cost of the materials used in wool manufactures, together with the quantity and value of the principal products for the census years 1919, 1914, and 1909.

Wool manufactures comprise a group of industries using wool as a basic material in the manufacture of woolen, worsted, and felt goods, carpets and rugs, and wool-felt hats.

Raw wool formed 52.9 per cent of the total cost of all materials. In 1919 the raw wool consumed in the mills of New Jersey was largely for the production of fabrics to be used in the manufacture of clothing. During the ten years shown in the table there was a notable tendency toward the use of foreign wools rather than domestic; the quantity of foreign wool used increased 73.5 per cent, while domestic decreased 9.4 per cent. Purchased yarns, which consisted principally of worsted, formed an important part of the materials, although the quantity of worsted yarn purchased and used in 1919 was less than in either 1909 or 1914. Woolen yarn made an appreciable gain in quantity, 230.9 per cent, during the decade.

In the group of wool manufactures referred to, the worsted-goods industry reported products (see Table 42) to the value of $95,115,024, or 87.9 per cent of the value of products for the entire group for the state in 1919. Woven goods, not including carpets and rugs, represented the principal product of wool manufactures, with worsted fabrics leading at each census shown in the table. The trend of the industry is toward the manufacture of woolens instead of worsteds. In 1909 the production in square yards of woolens was approximately one-fifth that of worsteds, increasing to nearly one-fourth in 1914 and more than one-half in 1919.

Worsted yarn, for sale, was second in importance among the products of wool manufactures, and for the year 1919 represented 22.6 per cent of the total value of products. The quantity for this item was less in 1919 than at either of the two previous census years, showing a decrease of 19.8 per cent for the decade.

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

	1919	1914	1909
MATERIALS.			
Total cost	$58,918,190	$24,422,336	$21,930,394
Wool:			
In condition purchased—			
Pounds	52,137,136	50,400,202	44,922,157
Cost	$31,187,153	$11,883,474	$11,826,250
Domestic—			
Pounds	28,173,174	32,602,750	31,109,309
Cost	$15,418,034	$7,002,031	$6,896,485
Foreign—			
Pounds	23,963,962	17,797,452	13,812,848
Cost	$15,769,119	$4,881,443	$4,929,765
Equivalent in scoured condition, pounds	27,918,168	28,471,130	22,914,674
Mohair, camel, alpaca, and vicuna hair:			
Pounds	324,900	47,841	35,722
Cost	$384,198	$31,478	$13,250
Other animal hair:			
Pounds	4,568,077	1,563,001	2,694,355
Cost	$376,196	$89,533	$78,647
Rags, clippings, etc.:			
Pounds	1,397,173	1,061,037	1,051,906
Cost	$207,510	$48,576	$42,276
Waste and noils of wool, mohair, etc.:			
Pounds	2,109,377	6,160,433	1,586,752
Cost	$1,436,083	$1,227,346	$557,593
Tops:			
Pounds	604,455	869,122	578,579
Cost	$1,110,273	$523,286	$358,117
Yarns, purchased:			
Woolen—			
Pounds	2,542,841	1,114,365	768,495
Cost	$2,922,393	$423,968	$274,219
Worsted—			
Pounds	5,229,676	7,066,772	6,240,943
Cost	$14,044,623	$5,988,147	$6,011,147
Cotton—			
Pounds	2,087,080	1,290,906	1,702,805
Cost	$926,702	$250,600	$345,482
Silk and spun-silk—			
Pounds	40,904	22,721	6,122
Cost	$256,640	$101,938	$31,284
All other yarns—			
Pounds	1,896,117	2,159,581	1,407,129
Cost	$399,496	$237,655	$115,564
Chemicals and dyestuffs, cost	$1,577,125	$543,470	$515,607
Fuel and rent of power, cost	$1,219,570	$489,376	$417,028
All other materials, cost	$2,870,228	$2,583,489	$1,343,930
PRODUCTS.			
Total value	$108,214,464	$38,493,312	$35,883,854
Woven goods:[1]			
Pounds	14,637,997	(2)	(2)
Square yards	32,112,960	40,091,508	30,009,089
Value	$68,837,052	$22,873,299	$20,284,049
All-wool woven goods—			
Pounds	12,342,366	(2)	(2)
Square yards	29,575,885	36,464,187	26,793,087
Value	$65,854,653	$21,434,793	$18,921,354
Woolen suitings, overcoatings, and dress goods—			
Pounds	5,153,407	(2)	(2)
Square yards	9,983,938	7,078,897	4,841,944
Value	$27,202,096	$3,677,452	$4,222,487
Worsted suitings, overcoatings, and dress goods—			
Pounds	7,188,959	(2)	(2)
Square yards	19,591,947	29,361,290	21,886,943
Value	$38,652,557	$17,724,341	$14,650,635
All other—			
Pounds	.....	(2)	(2)
Square yards	.....	24,000	64,200
Value	.....	$33,000	$48,232
Union or cotton-mixed woven goods—			
Pounds	204,316	.....	(2)
Square yards	363,854	.....	238,417
Value	$408,660	.....	$108,962
Cotton-warp woven goods—			
Pounds	2,091,315	(2)	(2)
Square yards	2,173,221	3,627,321	2,977,585
Value	$2,573,739	$1,438,506	$1,253,733
Carpets and rugs:			
Pounds	5,223,101	(2)	(2)
Square yards	1,618,956	1,793,020	2,194,549
Value	$5,699,123	$2,224,751	$1,892,986
Felt goods:			
Pounds	4,285,575	(2)	(2)
Square yards	6,171,697		
Value	$1,949,033		
Wool-felt hats:			
Dozens	10,050	(2)	(2)
Value	$17,670		
Worsted yarn, for sale:			
Pounds	8,991,223	12,718,906	11,204,625
Value	$24,428,314	$11,189,911	$11,565,331
Worsted tops and slubbing:			
Pounds	128,953	380,123	47,495
Value	$255,121	$229,410	$28,298
Noils:			
Pounds	2,100,275	2,216,080	1,628,352
Value	$1,813,265	$668,074	$588,740
Waste:			
Pounds	4,460,697	4,066,348	2,111,639
Value	$1,613,308	$629,869	$528,799
All other products, value	$3,611,578	$677,998	$995,651

[1] Exclusive of carpets and rugs and felt goods. [2] Not reported in 1914 and 1909.

Cotton manufactures (Table 23).—Cotton manufactures embraces a group of industries using cotton as a basic material in the manufacture of cotton goods, cotton lace, and cotton small wares.

The quantity and cost of the principal materials and the quantity and value of the chief products of the three industries combined are shown for New Jersey in the following table for 1919, 1914, and 1909:

TABLE 23.—COTTON MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$41,431,994	$10,115,534	$8,564,733
Cotton:			
Pounds	17,250,747	21,722,741	18,400,527
Cost	$7,168,440	$3,830,841	$3,113,446
Cotton yarn, purchased:			
Pounds	28,646,931	12,240,169	10,451,910
Cost	$23,834,892	$4,675,353	$4,206,668
Starch, cost	$61,264	$54,134	$33,040
Chemicals and dyestuffs, cost	$82,875	$182,037	$111,385
Fuel and rent of power, cost	$775,352	$288,766	$199,252
All other materials, cost	$9,509,171	$1,084,403	$900,942
PRODUCTS.			
Total value	$60,475,426	$16,782,164	$13,728,874
Woven goods (over 12 inches in width):			
Pounds	33,828,485	(1)	(1)
Square yards	55,136,045	41,313,974	40,196,447
Value	$41,229,203	$6,758,451	$5,319,995
Tire duck[2]—			
Pounds	24,966,174	(1)	(1)
Square yards	22,441,049	9,641,288	5,747,008
Value	$33,318,980	$4,401,889	$2,318,134
Toweling and terry weaves—			
Pounds	3,262,534	(1)	(1)
Square yards	8,852,451	835,862	10,103,237
Value	$2,326,624	$239,882	$630,614
Other woven goods (over 12 inches in width)—			
Pounds	5,599,777	(1)	(1)
Square yards	23,842,545	30,836,824	24,346,202
Value	$5,583,599	$2,116,680	$2,371,247
Cotton lace and net goods, value	$942,777	$384,041	(3)
Cotton small wares, value	$754,082		(3)
Yarns, for sale:			
Pounds	2,834,375	3,723,938	4,926,844
Value	$4,370,701	$1,400,267	$1,810,675
Cotton waste, for sale:			
Pounds	5,208,997	4,686,591	3,569,041
Value	$509,348	$357,725	$211,347
All other products, value	$12,669,315	$7,881,680	$6,387,457

[1] Not reported in 1914 and 1909.
[2] Figures for 1914 and 1909 include all types of duck.
[3] Not reported separately.

The increased production of tire duck has influenced the purchase of large quantities of cotton yarn. More than one-half of the total cost of materials in 1919 was expended for cotton yarn, and for the 10 years, 1909 to 1919, an increase of 174.1 per cent in quantity is shown for this material.

In 1919 a large share of the value of products, or 68.2 per cent, consisted of woven goods, 80.8 per cent of which was the value of tire duck. Yarns, for sale, showed a decrease of 42.5 per cent from 1909 to 1919 in the number of pounds produced, and cotton waste, for sale, increased 48.5 per cent in quantity during the same period.

Knit goods (Table 24).—The following table gives the quantity and cost of materials and the quantity and value of products for the knit-goods industry for New Jersey for the census years 1919, 1914, and 1909.

TABLE 24.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$15,349,898	$3,335,422	$1,825,878
Yarn, purchased:			
Pounds	5,795,480	3,346,092	2,999,970
Cost	$12,494,521	$2,493,302	$1,354,208
Cotton—			
Pounds	4,134,864	2,393,184	2,264,614
Cost	$4,774,526	$928,819	$620,882
Woolen—			
Pounds	70,109	195,572	154,248
Cost	$137,290	$134,473	$113,150
Worsted—			
Pounds	391,736	441,467	338,566
Cost	$1,091,747	$378,122	$350,746
Merino—			
Pounds	[1] 67,318	43,341	35,139
Cost	$119,390	$20,333	$26,316
Silk and spun-silk—			
Pounds	354,448	232,019	57,403
Cost	$3,268,261	$954,690	$231,114
All other—			
Pounds	777,005	40,509	150,000
Cost	$3,103,307	$76,865	$12,000
Chemicals, cost	$11,606	$301,703	$102,941
Fuel and rent of power, cost	$130,318	$76,203	$39,254
All other materials, cost	$2,713,453	$464,214	$329,475
PRODUCTS.			
Total value	$23,853,075	$7,849,556	$3,810,241
Hose and half hose:			
Dozen pairs	2,812,652	855,252	850,932
Value	$16,709,728	$3,676,773	$1,603,231
Cotton—			
Dozen pairs	1,175,459	364,497	752,452
Value	$2,758,786	$468,880	$735,731
Silk and silk-mixed—			
Dozen pairs	1,584,846	487,565	(2)
Value	$13,704,487	$3,193,123	(2)
All other—			
Dozen pairs	52,347	3,190	98,480
Value	$246,455	$14,770	$867,500
Underwear:			
Dozens	155,560	248,045	187,357
Value	$1,233,653	$778,363	$883,371
Sweaters, cardigan jackets, and jerseys:			
Dozens	34,234	68,098	70,772
Value	$2,051,686	$1,278,955	$987,559
All other products, value	$3,858,008	$2,115,465	$386,080

[1] Includes 42,000 pounds of woolen and 25,318 pounds of worsted merino yarn.
[2] Included in "All other products," to avoid disclosure of individual operations.

There has been considerable progress made in the knit-goods industry in New Jersey since 1909. The number of establishments increased from 37 in 1909 to 62 in 1914 and to 90 in 1919. Purchased yarn was the principal material used in the manufacture of knit goods, and in 1919 formed 81.4 per cent of the total cost of materials. The quantity of such yarns showed an increase of 93.2 per cent during the ten-year period 1909 to 1919.

Over two-thirds of the total value of products in 1919 consisted of hosiery, 82 per cent of which was composed of silk, and silk mixed with wool or other yarns. In 1919 the production of cotton hosiery ranked second in number of dozen pairs, although the value was only 16.5 per cent of the total value for all kinds of hosiery. Small amounts of underwear and of fancy knit goods—sweaters, jerseys, etc.—were a part of the products of the industry and in 1919 formed 5.2 and 8.6 per cent, respectively, of the total value of products.

Hats, fur-felt (Table 25).—The following table gives the quantity and cost of the principal materials used and the quantity and value of fur-felt hats produced by the fur-felt hat industry of New Jersey during the census years 1919, 1914, and 1909:

TABLE 25.—HATS, FUR-FELT: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$8,235,166	$3,708,042	$4,111,568
Hatters' fur:			
Pounds	1,169,623	1,327,918	1,817,020
Cost	$5,290,035	$1,690,520	$2,115,407
Fur-felt hat bodies and hats in the rough:			
Dozens	24,994	58,256	29,156
Cost	$232,695	$186,901	$153,215
Chemicals and dyestuffs, cost	$201,322	$104,889	$122,909
All other materials, cost	$2,511,114	$1,725,732	$1,720,037
PRODUCTS.			
Total value	$16,625,357	$7,969,344	$8,825,217
Fur-felt hats:			
Dozens	460,671	496,423	579,596
Value	$15,829,630	$7,149,716	$8,121,205
All other products, including contract work, value	$795,727	$819,628	$704,012

In 1919 New Jersey ranked fourth among the states in the production of fur-felt hats, the value of this product being 20.1 per cent of the total value for the fur-felt hat industry of the United States.

The principal material of the industry, hatters' fur, and the product, fur-felt hats, have diminished in quantity at each succeeding census from 1909, the decreases for the decade being 35.6 and 20.5 per cent, respectively.

Shipbuilding, including boat building (Tables 26 and 27).—This classification includes the building and repairing of steel and wooden vessels and small craft, and the manufacture of masts, spars, oars, and rigging. The number and tonnage of all vessels launched in 1919, 1916, and 1914 are shown, by classes, in the following table:

TABLE 26.—SHIPBUILDING—NUMBER AND GROSS TONNAGE: 1919, 1916, AND 1914.

	1919		1916		1914	
	Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.
Vessels of 5 gross tons and over, launched during the year	180	608,843	75	33,752	65	57,864
Steel	156	603,039	11	26,047	10	45,256
Steam	156	603,039	5	20,321	6	41,182
Unrigged	.....	.....	6	5,726	4	4,074
Wooden	24	5,804	64	7,705	55	12,608
Steam	4	504	1	10	.....	.....
Motor	16	785	43	997	20	267
Sail, with auxiliary power	.....	.....	2	25	2	1,150
Sail, without auxiliary power	.....	.....	4	1,488	2	40
Unrigged	4	4,515	14	5,185	31	11,151
Power boats of less than 5 gross tons	130	.....	187	.....	477	.....

While there was a slight increase in the number of vessels launched during the two-year period from 1914 to 1916, there was a decrease in the gross tonnage. The three-year period from 1916 to 1919 presents an entirely new condition. It shows such an abnormal increase in number of vessels and gross tonnage launched as to render comparisons of little value.

The 608,843 gross tonnage launched in 1919 was 575,091 greater than was launched in 1916 and 550,979 greater than that reported for 1914. There were launched at Newark in 1919, 107 steel vessels aggregating 450,574 gross tons, which is the largest tonnage launched at any one place in the United States for that year. At Camden and Elizabeth there were launched 41 steel vessels aggregating 98,457 gross tonnage, as compared with 11 vessels and 26,047 gross tonnage in 1916. At Gloucester 8 steel vessels were launched with an average tonnage of 6,751 each. Over 86 per cent of the entire number of vessels launched during 1919 were of iron and steel, propelled by steam, and, for the most part equipped with oil burners. One hundred and sixteen of these vessels were for freight service; 20 were ocean-going tugs, most of them built for the Emergency Fleet Corporation. There were also launched 4 oil tankers and 13 destroyers, the latter built for the Navy Department, and 3 freight and passenger steamers, each of 13,500 gross tonnage.

The value of work done upon vessels of all kinds during 1919, 1916, and 1914 is shown in the following table:

TABLE 27.—SHIPBUILDING—VALUE OF WORK DONE: 1919, 1916, AND 1914.

	1919	1916	1914
Total value of work	$238,014,659	$20,311,529	$11,860,965
Work done during the year on new vessels of 5 gross tons and over	200,834,390	9,203,470	7,005,783
Steel	199,913,612	8,514,536	6,636,648
Wood	920,778	688,934	369,135
Boats of less than 5 tons	400,150	301,100	471,917
Power boats of all kinds	318,188	278,782	443,029
Sailboats, rowboats, etc	81,962	22,318	28,888
Repair work	33,033,934	8,313,981	4,206,315
Steel	26,285,869	3,568,853	2,559,920
Wood	6,748,065	4,745,128	1,646,395
Masts, spars, etc	51,155	19,751	17,739
All other products	3,695,030	2,473,227	159,211

The chemical industries (Table 28).—This table gives the statistics for chemicals for 1919, 1914, and 1909. The production comprises all products reported by 131 establishments engaged primarily in the manufacture of chemicals, including 48 establishments producing products chiefly of coal-tar origin, and 5 establishments making sulphuric, nitric, and mixed acids as their chief products, aggregating in value $131,578,413; and also chemicals to the value of $10,816,201 manufactured by establishments included under other industry classifications.

In 1914 there were 70 establishments in the industrial group, and in 1909, 56 establishments. There was an increase of 278 per cent in the value of all products for the period 1914 to 1919 and 42 per cent for the period 1909 to 1914.

Development of the coal-tar industry is a matter of special interest. In 1909 the production of coal-tar products amounted to $852,059; in 1914 there were 5 establishments reporting products to the value of $1,563,937; whereas in 1919 there were 48 establishments manufacturing coal-tar chemicals as their products of chief value, which reported products aggregating $44,740,496.

The classified industry, "coal-tar products," for the United States embraces 182 establishments with products valued at $135,482,161, and New Jersey ranked second in the industry with 26 per cent of the number of establishments and 33 per cent of the total value of products, being exceeded only by New York, with 46 establishments and products valued at $45,792,118.

TABLE 28.—CHEMICALS: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$142,394,614	$37,688,949	$26,516,105
The classified industries:			
Chemicals	84,033,941	31,086,865	22,824,140
Coal-tar products	44,740,496		
Sulphuric, nitric, and mixed acids	2,803,976	5,071,299	2,127,037
Subsidiary chemical products from other industries	10,816,201	930,785	1,564,328
Acids	14,313,922	7,644,721	5,256,039
Plastics	25,280,549	7,622,394	4,634,200
Sodas, sodium and compounds	12,125,276	4,924,004	1,472,620
Compressed and liquefied gases	2,470,725	527,196	424,525
Bleaching materials	1,541,857	317,373	75,941
Other chemicals	74,344,963	14,670,055	13,121,983
All other products	12,317,322	1,983,206	1,530,797

Electrical machinery, apparatus, and supplies (Table 29).—This table gives the value of the various kinds of electrical machinery, apparatus, and supplies for New Jersey. Certain classes, although of greater value than some of those shown, could not be reported separately without disclosing individual operations; among these were electrical measuring instruments and switchboards. The state ranked fourth in the industry, the value of products being 12.1 per cent of that for the United States. In the production of incandescent lamps it led the other states, the output being 34.7 per cent of the total for the United States.

TABLE 29.—ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES: 1919.

	Amount.
Products, total value [1]	$120,341,356
Incandescent lamps	20,020,125
Batteries	15,101,919
Motors	13,145,807
Insulated cables	8,095,437
Insulated wire	8,020,101
Magnetoignition apparatus	7,780,531
Transformers and feeder potential regulators	4,063,306
Conduits, interior	1,991,172
Telegraph apparatus	1,738,460
Circuit fittings	1,660,497
Wiring supplies	1,275,193
Insulators	1,107,204
Generating apparatus and parts	384,702
Household and industrial apparatus and devices	370,046
Fuses, cut-outs, and fuse plugs	363,587
Therapeutic apparatus	148,446
All other electrical machinery, apparatus, and supplies	15,692,230
All other products	15,410,865
Amount received for custom work and repairing	3,371,728

[1] In addition, electrical machinery, apparatus, and supplies to the value of $716,634 were reported by establishments engaged primarily in other industries.

Slaughtering and meat packing (Table 30).—This table presents for the last three census years, 1919, 1914, and 1909, the number and cost of the most important kinds of animals slaughtered; the cost of dressed meat purchased for curing, cottonseed oil for making lard compounds and substitutes, whole milk and butter for making oleomargarine, curing materials, seasoning, refrigeration, containers, fuel, rent of power, mill supplies, freight, and contract work; and the quantity and value of the leading products that can be presented without disclosing individual operations. The item "All other products" includes beef, pickled and other cured, canned beef and pork, canned sausage, lard compounds and substitutes, oleo oil, other oils, oleo stearin, oleomargarine, glue, hog and cattle hair, wool, stock feed, and manufactured bone.

The growth of the industry in the period from 1914 to 1919 is attributable to the increase in the number of beeves and calves slaughtered and in the curing and rendering activities of the industry, as there was a decrease in the number of hogs and sheep and lambs slaughtered. The number of beeves and calves increased 105,646, or 99.3 per cent, and the production of fresh beef and veal, 47,830,256 pounds, or 155.5 per cent. Fresh pork, the leading product in 1919 and 1914, declined 15,997,508 pounds, while the cured pork increased 24,319,929 pounds and lard 12,968,067 pounds.

The cost of materials and value of products for all classes show abnormal increases, due to conditions which affected the values of all commodities during the World War.

TABLE 30.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$100,404,261	$35,310,279	$32,823,647
Animals slaughtered, cost	$60,341,045	$23,232,941	$18,792,539
Beeves—			
Number	110,066	37,903	53,234
Cost	$18,413,023	$3,430,821	$3,608,621
Calves—			
Number	101,975	68,492	95,604
Cost	$2,622,156	$1,059,927	$1,145,785
Sheep and lambs—			
Number	425,059	426,063	423,724
Cost	$4,958,662	$2,436,594	$2,283,693
Hogs—			
Number	1,242,798	1,297,313	1,210,849
Cost	$34,347,204	$16,305,599	$11,694,440
All other materials, cost	$40,063,216	$12,077,338	$14,031,108
PRODUCTS.			
Total value	$110,221,328	$38,809,339	$36,445,701
Fresh meat, value	$47,180,373	$19,746,541	$16,888,043
Beef—			
Pounds	69,290,250	24,107,901	35,415,243
Value	$15,520,362	$3,114,712	$3,475,755
Veal—			
Pounds	9,293,800	6,645,893	8,702,274
Value	$2,641,792	$1,106,954	$1,131,257
Mutton and lamb—			
Pounds	14,294,769	15,500,648	16,228,067
Value	$3,873,149	$2,297,990	$2,085,232
Pork—			
Pounds	90,263,835	106,261,343	96,506,328
Value	$24,246,219	$12,925,302	$10,115,850
Edible offal and other fresh meat—			
Pounds	8,313,362	4,825,446	1,538,626
Value	$898,851	$301,583	$79,949

TABLE 30.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

	1919	1914	1909
PRODUCTS—continued.			
Pork, pickled and other cured:			
Pounds	58,214,045	33,894,116	49,690,559
Value	$18,454,674	$5,038,813	$6,314,238
Sausage:			
Pounds	20,668,764	13,525,180	15,344,144
Value	$5,386,351	$2,087,241	$1,727,255
Lard:			
Pounds	28,190,529	15,222,462	49,017,209
Value	$3,925,431	$1,730,516	$4,747,104
Tallow, oleo stock, and stearin:			
Pounds	6,443,137	7,134,966	8,785,195
Value	$963,993	$512,956	$504,836
Grease and soap stock:			
Pounds	1,610,525	2,789,385	(1)
Value	$176,492	$160,168	(1)
Casings:			
Pounds	1,077,138	358,554	(1)
Value	$234,109	$43,075	(1)
Fertilizers and fertilizer materials:			
Tons	18,645	15,393	8,742
Value	$777,211	$441,388	$256,815
Hides and pelts:			
Cattle—			
Number	110,066	47,573	
Pounds	7,956,463	3,250,480	
Value	$2,603,481	$530,481	131,027
Calf—			5,102,392
Number	67,615	41,301	$636,928
Pounds	1,216,613	497,632	
Value	$734,990	$98,475	
Sheep—			
Number	416,847	426,063	423,624
Value	$1,015,352	$439,390	$376,036
All other products, value	$23,768,871	$7,980,295	$4,994,446

[1] Not reported separately.

Rubber goods (Table 31).—This table presents details of the various classes of rubber goods manufactured in New Jersey in 1919 and 1914.

TABLE 31.—RUBBER GOODS: 1919 AND 1914.

	1919	1914
Products, total value [1]	$97,950,777	[2] $35,798,739
Tires:		
Pneumatic—		
Automobile—		
Casings—		
Number	2,080,937	806,856
Value	$32,789,813	$9,600,776
Inner tubes—		
Number	3,312,073	1,618,098
Value	$10,324,950	$4,403,444
Motorcycle and bicycle—		
Casings—		
Number	10,635	(3)
Value	$96,625	(3)
Inner tubes—		
Number	8,902	(4)
Value	$16,262	(4)
Solid—		
Truck—		
Number	1,774	.....
Value	$89,014	.....
Boots and shoes,[5] value	$3,799,382	.....
Rubberized fabrics:		
Yards	2,067,154	(3)
Value	$387,140	(3)
Belting, value	$9,802,959	$3,207,681
Hose, value	$9,373,425	$6,066,500
Packing, value	$3,024,484	$1,823,568
Druggists' and stationers' sundries, value	$1,877,099	$665,308
Hard rubber goods, value	$14,125,684	(3)
Reclaimed rubber:		
Pounds	13,155,292	8,762,669
Value	$4,400,897	$1,448,665
All other manufactures of rubber, value	$7,743,148	$6,342,743
All other products, value	$99,895	$2,240,054

[1] In addition, rubber goods to the value of $479,115 were reported in 1919 by establishments engaged primarily in other industries.
[2] Excludes statistics for 2 establishments, to avoid disclosure of individual operations.
[3] Not reported separately.
[4] Included in automobile casings and inner tubes.
[5] Includes heels and soles manufactured and sold as such.

New Jersey ranked third in the United States in value of products of the industry as a whole, and held first place among the states in production of rubber

belting. An increase of $60,191,718, or 159.4 per cent, in the value of products was shown during the five-year period. Automobile tires showed an increase of $29,110,543, or 207.9 per cent, and belting showed an increase of $6,595,278, or 205.6 per cent.

Leather, tanned, curried, and finished (Table 32).—The following table shows, for 1919, 1914, and 1909, the quantity and cost of materials used and the quantity and value of products for this industry.

TABLE 32.—LEATHER, TANNED, CURRIED, AND FINISHED: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	$52,586,521	$22,080,631	$20,198,470
Cattle hides:			
Number	1,289,141	699,054	771,193
Cost	$20,326,491	$7,809,311	$8,254,676
Goat and kid skins:			
Number	6,152,040	4,910,279	531,142
Cost	$8,650,880	$2,792,897	$3,607,128
All other raw stock, cost	$10,482,232	$5,979,940	$3,127,996
Fuel and rent of power, cost	$751,058	$316,918	$293,894
All other materials, cost	$12,375,860	$5,181,565	$4,914,776
PRODUCTS.			
Total value	$78,012,101	$31,651,831	$28,430,955
Leather, value	$74,773,610	$29,946,242	$27,192,143
Sole—			
Sides	485,018	339,811	120,600
Value	$6,916,703	$3,083,632	$1,015,495
Upholstery (automobile, furniture, and carriage), value	$18,873,843	$8,344,416	$8,836,740
Patent, value	$4,641,869	$2,897,178	$2,060,181
Cattle—			
Sides	518,091	332,427	523,494
Value	$4,079,926	$1,499,516	$2,060,181
All other	$561,943	$1,397,662	(1)
Cattle side upper (other than patent)—			
Sides	597,239	(2)	.....
Value	[3] $5,297,045	(2)	.....
Goat and kid—			
Skins	6,001,101	2,617,222	6,340,636
Value	$16,889,356	$2,340,951	$5,025,936
Cabretta—			
Skins	1,858,727	(1)	(1)
Value	$4,047,642	(1)	(1)
All other, value	$18,107,152	$13,280,065	$10,253,791
All other products, value	$1,298,950	$1,001,091	$471,654
Work on materials for others, value	$1,939,541	$704,498	$767,158

[1] Not reported separately.
[2] Included in "All other leather" to avoid disclosure of individual operations.
[3] Includes "Calf and kip" skins to avoid disclosure.

From 1914 to 1919 the total cost of materials increased $30,505,890, or 138.2 per cent. Cattle hides, forming 38.6 per cent of the total cost, were the principal materials used. The number of hides treated increased by 590,087, or 84.4 per cent, and their cost by $12,517,180, or 160.3 per cent. The cost of goat and kid skins and all other raw stock, consisting of horse and buffalo hides, calf, kip, sheep, cabretta, kangaroo, wallaby, deer, elk, pig and hog skins, skivers, fleshers, etc., also shows a large increase.

The total value of the leather produced in 1919 was 146.5 per cent greater than in 1914. Upper leather made from goat, kid, and cabretta skins was the leading product. Upholstery leather for automobiles, furniture, and carriages was next in importance. Sole leather, principally oak tanned, patent, and cattle side upper were other important leathers produced in New Jersey. All other leather includes fancy, horse, bookbinders', kangaroo, wallaby, case, bag, and strap, and lace leather, also finished splits, skivers, fleshers, etc.

Paint and varnish (Table 33).—This table presents the statistics for the paint and varnish industries for 1919, 1914, and 1909. They represent 63 establishments in 1919, 33 engaged primarily in the manufacture of paints and 30 in the manufacture of varnishes, as compared with 60 (31 paint and 29 varnish) in 1914, and 63 in 1909. In addition, there was a large production of these products by establishments engaged primarily in the manufacture of other commodities. The detail figures for specific products represent total production irrespective of the industry classification.

TABLE 33.—PAINT AND VARNISH: 1919, 1914, AND 1909.

	1919	1914	1909
Products, total value	$37,481,784	$16,740,215	$13,586,123
The classified industries:			
Paints	$18,500,897	$10,853,242	$7,485,599
Varnishes	$13,314,471	$5,233,475	$5,281,330
Subsidiary products from other industries	$5,666,416	$653,498	$819,194
Colors (pigments):			
Pounds	103,446,804	60,272,751	65,004,052
Value	$9,752,475	$3,654,750	$3,495,680
Paints, value	$12,759,270	$4,811,082	$3,841,335
In paste form, ground in oil—			
Pounds	26,917,033	24,489,045	20,691,247
Value	$3,316,469	$2,007,194	$1,250,762
In oil, ready mixed for use—			
Gallons	5,072,462	2,967,518	2,805,787
Value	$9,442,801	$2,803,888	$2,590,573
Varnishes:			
Gallons	4,273,638	3,391,118	3,514,701
Value	$7,213,833	$4,463,910	$4,120,788
Drying japans and dryers:			
Gallons	748,191	593,142	
Value	$851,106	$364,207	$646,003
Baking japans and lacquers:			
Gallons	1,612,972	458,539	
Value	$1,938,558	$720,235	
All other varnishes and japans, value	$1,995,542	$96,893	$285,985
Fillers, liquid, paste, and putty, value	$401,490	$122,706	$130,049
All other products, value	$2,569,510	$2,506,432	$1,066,283

Brick, tile, pottery, and other clay products (Table 34).—This table presents the statistics for the clay-working industries—brick and tile, terra-cotta, and fire-clay products, and pottery—for 1919. The detailed figures for quantities and values are taken from the reports of the United States Geological Survey and represent sales during the year.

Pottery is the predominating group, the specified pottery products as listed constituting 57.6 per cent of the value of all products. In 1914 the value of all products for the industry was $16,693,447; in 1909, $17,212,000; and in 1904, $13,547,000. Although the value of all products in 1919 was 57.8 per cent greater than in 1914, this increase was due to increase in unit values, and not to a commodity increase, for the average number of wage earners in this industrial group in 1919, viz, 9,261, was a decrease of 28.8 per cent from the average number reported in 1914.

TABLE 34.—BRICK, TILE, POTTERY, AND OTHER CLAY PRODUCTS: 1919.

PRODUCT.	Number or amount.
Total	$26,352,826
The classified industries:	
Brick and tile, terra-cotta, and fire-clay products	$10,127,176
Pottery	$16,225,650
Brick:	
Common or building—	
Thousands	204,550
Value	$2,390,276
Enameled and fancy—	
Thousands	8,630
Value	$436,263
Face—	
Thousands	24,611
Value	$605,764
Fire—	
Thousands	28,716
Value	$2,018,624
Draintile:	
Net tons	1,703
Value	$15,108
Retorts, gas (clay):	
Number	239
Value	$7,170
Stove lining	$9,830
Terra cotta, architectural	$1,104,715
Tile:	
Building, hollow—	
Net tons	173,933
Value	$1,623,628
Ceramic—	
Square feet	2,224,840
Value	$542,538
Faience—	
Square feet	321,102
Value	$174,338
Flooring—	
Square feet	1,457,894
Value	$308,352
Wall—	
Square feet	1,988,266
Value	$652,205
Pottery:	
Red earthenware	$34,235
Red and brown, white-lined cooking ware	$1,600
Stoneware and yellow and Rockingham ware	$357,152
White ware, semiporcelain, and semivitreous porcelain ware	$1,542,947
China, bone china, delft, and belleek ware	$1,870,542
Sanitary ware, including bathtubs, laundry tubs, etc	$7,931,371
Porcelain electrical supplies	$3,447,830
All other clay products, value	$799,469
All other products, value	$478,809

Fertilizers (Table 35).—This table shows the quantities and values of the chief products of the fertilizer industry in New Jersey in 1919, 1914, and 1909.

TABLE 35.—FERTILIZERS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value of products	$15,758,105	$11,197,600	$7,671,859
Fertilizers:[1]			
Tons (2,000 pounds)	369,904	464,378	343,703
Value	$14,202,309	$9,995,521	$6,506,830
Complete and ammoniated fertilizers—			
Tons	246,275	345,147	254,316
Value	$11,544,933	$8,506,569	$5,546,191
Superphosphates—			
Tons	72,514	82,471	72,323
Value	$1,410,772	$938,890	$661,124
Other fertilizers—			
Tons	51,115	36,760	17,064
Value	$1,246,604	$550,062	$299,515
All other products, value	$1,555,796	$1,202,169	$1,165,029

[1] In addition, there were produced 35,648 tons of fertilizers, valued at $1,023,136 by establishments engaged primarily in other lines of manufacture.

There was a decrease in quantity production in 1919 as compared with 1914, accompanied by a large increase in values, the average ton value for the product of the state being $38 in 1919 as compared with $22 in 1914 and $19 in 1909.

Printing and publishing (Table 36).—This table shows the number and aggregate circulation per issue of the newspapers and periodicals published in New Jersey as reported in 1919, 1914, and 1909.

The increase in aggregate circulation of all publications was 242,556, or 16.1 per cent, for the five-year period from 1914 to 1919, and 680,237, or 63.5 per cent, for the decade.

Of the circulation of daily newspapers, 485,851, or 83.5 per cent, was reported for those published in the afternoon, an increase of 122,639, or 33.8 per cent, for the five-year period and of 158,363, or 48.4 per cent, for the decade.

An increase of 62,718, or 74.7 per cent, in the circulation of the Sunday papers is reported for the five-year period from 1914 to 1919, 2 being added. During the ten years 1909 to 1919 the circulation increased 76,043, or 107.6 per cent.

The foreign-language publications numbered 26, with an aggregate circulation of 59,195 per issue. In German there were 7—1 morning newspaper, 1 Sunday, 3 weeklies, 1 semimonthly, and 1 quarterly. Six publications were in Hungarian, 3 in Italian, 2 in Polish, and 2 in Dutch; all were weeklies. In Slovak there were 2, 1 weekly and 1 semiweekly; in Ukranian, 1 triweekly; in Yiddish, 1 weekly; in German-English 1 weekly; and in Italian-English, 1 weekly.

TABLE 36.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total	323	350	348	1,751,693	1,509,137	1,071,456
Daily	40	46	54	581,851	451,681	437,144
Sunday	9	7	6	146,713	83,995	70,670
Semiweekly[1]	5	3	5	35,399	5,475	8,774
Weekly	230	246	247	353,006	391,044	383,231
Monthly[2]	33	39	28	623,493	543,247	161,662
Quarterly[3]	6	9	8	11,231	33,695	9,975

[1] Includes in 1919 and 1909, 1 triweekly.
[2] Includes in 1919, 7, in 1914, 6, and in 1909, 2, semimonthlies.
[3] Includes in 1919, 1 bimonthly; in 1914, 1 bimonthly and 2 semiannual publications; and in 1909, 1 bimonthly and 1 "All other."

Laundries (Table 37).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 37, however, summarizes the statistics for such laundries in the state of New Jersey for 1919 and 1914.

TABLE 37.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	131	142	−7.7
Persons engaged	4,061	4,024	0.9
Proprietors and firm members	110	124	−11.3
Salaried employees	370	258	43.4
Wage earners (average number)	3,581	3,642	−1.7
Primary horsepower	6,257	5,103	22.6
Capital	$4,632,446	$2,876,920	61.0
Salaries and wages	3,532,735	1,938,376	82.3
Salaries	669,273	289,618	131.1
Wages	2,863,462	1,648,758	73.7
Paid for contract work	7,190	.....	.....
Rent and taxes	225,654	99,793	126.1
Cost of materials	1,392,522	655,556	112.4
Amount received for work done	7,091,621	3,590,739	97.5

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

Dyeing and cleaning (Table 38).—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 38.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	39
Persons engaged	536
Proprietors and firm members	34
Salaried employees	47
Wage earners (average number)	455
Primary horsepower	608
Capital	$559,997
Salaries and wages	636,765
Salaries	87,646
Wages	549,119
Paid for contract work	22,084
Rent and taxes	45,328
Cost of materials	369,990
Amount received for work done	1,408,447

Custom sawmills and custom gristmills (Tables 39 and 40).—Statistics for custom sawmills and custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914.

Tables 39 and 40, however, summarize the statistics for such mills in 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 39.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	13	7	.....
Persons engaged	23	13	.....
Proprietors and firm members	17	7	.....
Wage earners (average number)	6	6	.....
Primary horsepower	268	213	25.8
Capital	$37,001	$22,625	63.5
Wages	4,979	2,065	141.1
Rent and taxes	469	156	200.6
Cost of materials	1,078	440	145.0
Amount received for work done	14,881	5,422	174.5

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

TABLE 40.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	24	39	.....
Persons engaged	28	65	.....
Proprietors and firm members	24	41	.....
Salaried employees	.....	1	.....
Wage earners (average number)	4	23	.....
Primary horsepower	826	1,232	−33.0
Capital	$104,388	$134,226	−22.2
Salaries and wages	3,446	9,387	−63.3
Salaries	.....	364	.....
Wages	3,446	9,023	−61.8
Rent and taxes	1,658	2,365	−29.9
Cost of materials [2]	182,031	243,662	−25.3
Value of products [2]	220,739	287,050	−23.1

[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 41 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 having 50,000 inhabitants or more, and for 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 42 presents, for 1919, for the state as a whole and for cities having 50,000 inhabitants or more, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and for the cities in the state having from 10,000 to 50,000 inhabitants, the statistics for all industries combined.

TABLE 41.—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	11,057	508,686	1,146,744	600,658	2,270,473	3,672,065
	1914	9,742	373,605	793,063	211,136	883,465	1,406,633
	1909	8,817	326,223	612,203	169,710	720,033	1,145,529
Agricultural implements	1919	10	219	591	239	700	1,365
	1914	9	270	518	178	445	931
	1909	10	224	724	112	327	755
Artificial stone products	1919	76	295	700	339	445	1,155
	1914	83	349	703	213	295	722
	1909	97	488	436	250	294	859
Artists' materials	1919	8	294	1,454	341	1,307	2,381
	1914	7	214	1,437	139	1,093	1,499
	1909	6	188	572	88	580	874
Automobiles, including bodies and parts.	1919	116	5,519	9,185	7,658	37,085	54,671
	1914	53	2,520	3,177	1,832	3,766	8,237
	1909	24	1,024	1,311	615	892	2,008
Belting, leather	1919	10	82	104	90	715	1,002
	1914	8	57	86	43	206	466
	1909	8	46	50	31	119	204
Boots and shoes, not including rubber boots and shoes.	1919	34	2,835	2,057	2,459	7,811	12,864
	1914	42	3,834	1,814	1,935	4,767	8,239
	1909	40	4,084	1,344	1,863	4,352	7,524
Boxes, paper and other, not elsewhere specified.	1919	51	2,659	2,198	2,071	3,745	8,202
	1914	51	2,176	1,635	804	1,192	2,659
	1909	46	2,142	1,224	704	1,186	2,675
Brass, bronze, and copper products.	1919	67	2,185	11,656	2,595	8,469	14,412
	1914	61	1,236	5,798	760	3,175	4,685
	1909	66	1,265	4,431	719	3,355	5,131
Bread and other bakery products.	1919	1,263	5,911	13,307	8,440	36,012	55,763
	1914	1,278	5,712	4,599	3,958	12,958	22,310
	1909	1,217	4,936	2,184	3,309	12,195	20,086
Brick, tile, pottery, and other clay products.	1919	120	9,261	23,639	10,591	6,359	26,353
	1914	140	13,011	22,827	7,567	4,574	16,693
	1909	164	13,220	23,236	7,286	4,395	17,212
Brushes	1919	25	918	742	887	2,482	4,263
	1914	22	822	1,024	411	888	1,814
	1909	25	854	682	336	710	1,564
Buttons	1919	70	2,570	2,528	2,402	3,000	7,021
	1914	60	1,773	1,912	856	1,077	2,509
	1909	64	2,261	1,232	913	1,183	2,750
Canning and preserving [1]	1919	97	3,232	5,136	2,654	18,208	29,822
	1914	96	3,154	3,783	1,252	8,035	13,765
	1909	84	1,818	2,698	546	2,208	3,664
Carpets and rugs, other than rag.	1919	5	917	1,191	850	3,219	5,912
	1914	4	872	1,095	440	1,365	2,225
	1909	9	884	970	375	898	1,945
Carriages and wagons, including repairs.	1919	118	322	632	407	580	1,402
	1914	255	1,046	1,239	747	877	2,301
	1909	242	1,386	1,084	903	1,117	2,849
Cars and general shop construction and repairs by electric-railroad companies.	1919	15	1,333	3,887	1,755	1,578	3,489
	1914	17	1,228	3,853	809	740	1,614
	1909	15	826	2,276	471	614	1,158
Cars and general shop construction and repairs by steam-railroad companies.	1919	36	10,321	19,056	15,199	11,786	29,467
	1914	30	6,835	11,203	4,910	4,552	10,345
	1909	23	6,604	7,640	4,175	4,634	9,819
Chemicals	1919	78	12,472	36,807	14,904	45,174	84,034
	1914	64	6,276	18,563	4,124	17,054	31,687
	1909	50	5,046	13,880	2,895	12,257	22,824
Chewing gum	1919	8	112	461	120	843	1,332
	1914	6	173	318	70	462	999
Chocolate and cocoa products.	1919	8	489	1,946	502	9,277	10,813
	1914	6	322	1,342	148	1,579	2,162
	1909	4	290	660	117	1,427	1,843
Cleansing and polishing preparations.	1919	19	237	321	227	1,213	2,521
	1914	24	65	112	38	198	423
Clothing, men's, including shirts.	1919	210	7,685	1,617	7,342	14,539	28,199
	1914	152	8,217	1,537	3,129	5,229	11,547
	1909	150	6,994	1,351	2,935	5,076	9,865
Clothing, women's	1919	255	5,696	1,393	4,417	9,316	17,900
	1914	183	5,423	1,300	2,004	2,952	6,768
	1909	99	4,216	959	1,355	2,855	5,927
Coffee, roasting and grinding.	1919	17	192	359	240	4,651	7,218
	1914	17	106	534	63	3,225	3,451
	1909	16	84	1,435	46	2,334	2,649
Condensed milk	1919	6	77	423	99	1,822	2,197
	1914	4	48	383	33	511	597
Confectionery and ice cream.	1919	245	2,955	4,280	2,294	10,177	16,899
	1914	141	1,810	3,359	822	3,920	6,079
Cooperage and wooden goods, not elsewhere specified.	1919	59	1,041	1,627	1,348	6,392	8,828
	1914	48	917	1,561	611	2,748	3,849
	1909	43	1,046	1,613	522	2,328	3,230
Copper, tin, and sheet-iron products.[2]	1919	189	5,357	4,769	5,853	14,434	24,599
	1914	196	5,233	4,389	2,880	6,846	12,500
	1909	175	5,002	3,579	2,780	6,172	11,114
Cordage and twine and jute goods.[3]	1919	9	3,034	8,776	2,385	11,222	17,442
	1914	14	3,151	9,076	1,163	5,536	7,657
	1909	12	3,025	6,442	954	3,896	5,527
Cork, cutting	1919	6	532	2,317	601	1,859	3,259
	1914	6	570	2,011	310	1,101	1,594
	1909	10	418	855	180	410	791
Corsets	1919	21	2,152	555	1,652	4,418	9,293
	1914	13	2,592	987	1,008	2,307	4,737
	1909	11	1,845	480	628	1,305	3,336
Cotton goods, including cotton small wares.	1919	45	9,672	22,780	8,477	41,432	60,475
	1914	30	7,394	20,987	3,287	10,116	16,782
	1909	26	6,638	17,288	2,577	8,565	13,729
Cutlery and tools, not elsewhere specified.	1919	106	3,445	5,216	3,978	2,398	10,180
	1914	70	2,693	3,636	1,366	1,406	4,282
	1909	70	2,208	2,540	1,069	849	2,735
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	132	14,492	28,703	14,932	44,222	79,305
	1914	98	11,683	22,876	5,926	13,706	27,987
	1909	67	10,129	19,989	5,016	6,353	15,796
Dyestuffs and extracts—natural.	1919	17	385	2,312	498	3,549	5,924
	1914	18	343	1,625	216	3,044	4,969
	1909	13	279	1,006	179	1,969	3,130
Electrical machinery, apparatus, and supplies.	1919	105	26,135	51,664	27,306	58,983	120,341
	1914	76	14,405	22,860	7,867	20,549	40,741
	1909	69	11,099	11,326	5,615	14,426	28,365

[1] Includes "pickles, preserves, and sauces".
[2] Includes "stamped ware, not elsewhere specified" and "tinware, not elsewhere specified."
[3] Includes "linen goods" in 1914 and 1909; and "nets and seines" in 1914.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
Fancy articles, not elsewhere specified.[1]	1919	73	1,960	2,256	1,775	3,119	7,000
	1914	58	1,122	803	588	777	2,082
	1909	31	1,112	730	455	828	1,841
Fertilizers	1919	19	1,740	6,639	2,093	11,811	15,758
	1914	23	1,530	5,829	814	7,587	11,198
	1909	22	1,208	2,459	541	5,685	7,672
Flour-mill and gristmill products.	1919	150	232	6,631	220	5,036	6,040
	1914	196	341	8,870	188	3,590	4,320
	1909	238	453	10,763	225	4,561	5,538
Food preparations, not elsewhere specified.	1919	100	1,359	5,361	1,305	29,463	33,612
	1914	63	812	2,309	426	7,335	9,479
	1909	47	838	1,721	389	2,952	5,380
Foundry and machine-shop products.[2]	1919	1,182	43,260	88,749	54,718	98,543	219,069
	1914	908	31,057	59,968	20,311	32,575	74,127
	1909	591	27,815	41,191	16,922	29,940	65,398
Furnishing goods, men's[3]	1919	36	3,096	1,317	1,887	5,629	10,619
	1914	28	4,144	1,448	1,528	3,889	6,793
	1909	21	2,458	973	774	2,732	4,131
Furniture	1919	78	2,136	3,344	2,691	5,256	10,751
	1914	66	2,287	3,587	1,384	2,458	5,463
	1909	46	1,660	2,155	912	1,610	3,416
Furs, dressed	1919	18	1,551	1,297	2,134	1,156	5,113
	1914	6	278	383	157	67	350
Gas and electric fixtures and lamps.	1919	17	1,903	1,570	1,454	4,161	7,086
	1914	32	2,206	1,304	1,008	3,526	5,476
	1909	28	1,884	1,124	824	3,350	5,771
Gas, illuminating and heating.	1919	38	2,083	14,757	2,375	7,375	20,317
	1914	43	2,205	10,397	761	4,075	14,020
	1909	47	1,917	6,717	853	2,855	9,837
Glass	1919	21	5,942	4,684	6,007	4,445	13,695
	1914	19	5,784	2,897	3,770	2,531	7,598
	1909	23	5,651	3,081	3,340	1,999	6,961
Glass, cutting, staining, and ornamenting.	1919	45	634	471	596	828	1,907
	1914	41	672	339	343	649	1,601
	1909	42	556	244	269	313	883
Gold and silver, reducing and refining, not from the ore.	1919	14	312	1,697	381	16,546	18,391
	1914	14	179	720	147	9,001	10,078
	1909	8	112	406	86	3,911	4,436
Grease and tallow, not including lubricating greases.	1919	67	299	1,156	390	4,416	5,402
	1914	38	218	631	129	821	1,185
	1909	44	199	542	118	832	1,148
Hat and cap materials	1919	9	471	938	457	2,100	3,684
	1914	13	360	704	148	798	1,148
	1909	14	433	877	149	915	1,385
Hats and caps, other than felt, straw, and wool.	1919	21	288	45	303	628	1,127
	1914	17	246	82	172	287	608
	1909	7	170	51	86	173	365
Hats, fur-felt	1919	31	3,303	4,447	4,264	8,235	16,625
	1914	41	4,401	4,722	2,603	3,708	7,969
	1909	58	4,657	5,046	2,909	4,112	8,825
Ice, manufactured	1919	75	838	14,454	1,033	1,343	4,551
	1914	71	621	13,658	434	527	1,556
	1909	59	456	10,121	317	386	1,497
Ink, printing	1919	9	337	1,171	450	1,328	2,499
	1914	9	278	1,346	207	951	2,095
Iron and steel, steel works and rolling mills.	1919	16	13,811	81,600	17,085	34,327	74,382
	1914	15	4,639	36,971	2,969	5,185	10,420
	1909	16	4,671	29,699	2,823	6,635	12,014
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	7	404	800	479	1,126	2,157
	1914	3	168	400	95	162	254
Iron and steel forgings, not made in steel works or rolling mills.	1919	16	827	3,338	1,246	3,076	5,603
	1914	10	240	702	160	211	488
Iron and steel, wrought pipe.	1919	5	739	2,473	1,150	2,891	5,391
	1914	3	359	777	208	461	1,028
Jewelry	1919	174	3,234	1,648	4,419	14,658	27,890
	1914	175	3,408	1,915	2,221	5,525	11,347
	1909	150	4,008	1,231	2,537	6,294	13,272
Knit goods	1919	90	4,853	3,016	4,476	15,350	23,853
	1914	62	4,025	2,516	2,244	3,335	7,850
	1909	37	2,506	1,477	903	1,826	3,810
Leather goods[4]	1919	95	1,683	873	1,890	4,506	8,663
	1914	99	1,669	1,423	950	2,152	4,183
	1909	99	1,813	990	920	2,140	4,005
Leather, tanned, curried, and finished.	1919	73	5,499	13,239	7,297	52,587	78,612
	1914	84	5,108	12,306	3,260	22,081	31,652
	1909	86	5,560	9,243	3,473	20,198	28,431
Liquors, malt	1919	20	1,780	13,636	2,624	5,532	26,148
	1914	29	2,588	17,036	2,398	5,585	20,482
	1909	33	2,125	14,082	1,836	4,881	20,184
Lumber and timber products.[5]	1919	368	4,105	16,800	4,615	13,407	22,002
	1914	382	4,892	17,455	2,867	7,399	12,493
	1909	416	4,857	15,760	2,631	8,010	13,511
Marble and stone work	1919	114	636	2,480	898	1,096	2,040
	1914	132	1,080	2,767	1,010	1,175	2,847
	1909	131	1,479	2,756	1,329	1,378	3,901
Mattresses and spring beds, not elsewhere specified.	1919	35	259	526	308	1,135	1,875
	1914	25	181	215	95	432	691
	1909	23	496	288	236	808	1,323
Millinery and lace goods, not elsewhere specified.	1919	510	6,254	2,371	5,320	11,613	24,506
	1914	276	5,573	1,709	2,559	3,914	10,486
	1909	179	4,120	1,380	1,688	3,185	6,895
Mineral and soda waters	1919	179	459	791	502	1,424	2,763
	1914	189	667	938	430	905	2,053
	1909	174	608	879	368	785	1,836
Minerals and earths, ground or otherwise treated.	1919	17	430	4,298	550	1,164	2,428
	1914	14	292	3,245	171	566	1,049
	1909	12	212	1,835	122	415	785
Models and patterns, not including paper patterns.	1919	46	463	607	614	420	1,421
	1914	40	313	421	258	112	562
	1909	36	251	341	228	92	445
Musical instruments, pianos and materials.[6]	1919	17	1,471	2,195	1,353	2,056	5,027
	1914	24	1,960	2,102	1,096	1,738	3,503
	1909	18	1,393	1,121	721	1,076	2,229
Needles, pins, and hooks and eyes.	1919	10	418	571	351	480	1,294
	1914	7	515	329	215	201	507
	1909	7	557	524	230	184	620
Oil, not elsewhere specified.	1919	30	1,245	2,039	1,374	22,319	30,835
	1914	20	426	3,475	299	6,822	9,290
	1909	23	419	1,824	250	6,196	7,851
Oilcloth and linoleum	1919	14	2,393	9,704	2,943	15,295	25,535
	1914	10	2,190	8,223	1,287	7,660	11,384
	1909	10	2,123	7,819	1,187	6,638	10,143
Paint and varnish	1919	63	1,994	7,321	2,304	20,810	31,815
	1914	60	1,737	7,505	1,071	9,941	16,087
	1909	63	1,493	5,924	844	8,226	12,767
Paper and wood pulp	1919	33	3,108	32,948	3,722	11,995	20,361
	1914	33	2,927	20,695	1,709	7,181	10,931
	1909	37	2,223	22,996	1,181	4,769	7,554
Paper goods, not elsewhere specified.	1919	29	1,036	2,543	1,115	6,038	9,719
	1914	24	907	2,362	475	2,915	4,674
	1909	19	563	2,132	276	1,697	2,640
Patent medicines and compounds and druggists' preparations.[7]	1919	112	2,420	3,207	1,652	10,441	18,715
	1914	129	1,271	2,223	616	3,147	7,673
	1909	111	1,005	1,478	432	2,089	5,410
Paving materials	1919	46	1,200	7,872	1,496	4,231	7,324
	1914	29	1,264	8,755	727	2,541	4,431
Petroleum, refining	1919	9	10,178	36,040	18,024	222,886	280,995
	1914	8	5,178	26,498	4,001	79,392	90,877

[1] Includes "ivory, shell, and bone work, not including combs and hairpins," in all years; and "combs and hairpins, not made from metal or rubber," in 1914 and 1909.
[2] Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "hardware, saddlery"; "iron and steel, cast-iron pipe"; "iron and steel, tempering and welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "steel barrels, drums, and tanks"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts."
[3] Includes "suspenders, garters, and elastic woven goods."
[4] Includes "saddlery and harness" and "trunks and valises."
[5] Includes "boxes, wooden packing, except cigar boxes" and "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "window and door screens and weather strips," in 1914 and 1909.
[6] Includes "musical instruments, organs," in 1914 and 1909.
[7] Includes "perfumery and cosmetics."

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
Printing and publishing[1]	1919	772	5,356	6,280	6,283	8,651	24,218
	1914	732	5,433	7,124	4,036	4,251	14,083
	1909	684	5,451	5,636	3,624	3,472	12,333
Roofing materials	1919	15	660	2,357	740	4,072	6,553
	1914	15	392	1,120	243	1,146	2,173
	1909	13	263	898	147	1,138	2,285
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	65	12,353	40,097	14,300	46,336	84,129
	1914	53	6,316	22,214	3,081	15,172	25,458
	1909	36	4,255	12,906	2,300	13,032	19,543
Scales and balances	1919	9	426	351	403	462	1,428
	1914	11	244	241	158	142	573
	1909	11	170	144	90	99	430
Shipbuilding, including boat building.	1919	93	52,397	52,712	79,903	125,553	238,015
	1914	85	6,324	11,944	4,657	5,636	11,861
	1909	97	4,869	9,904	3,300	4,249	8,841
Signs and advertising novelties.	1919	17	558	453	509	879	2,544
	1914	25	841	582	534	711	2,147
	1909	17	1,044	588	574	608	2,090
Silk goods, including throwsters.	1919	686	32,326	29,095	32,832	123,441	215,051
	1914	368	28,263	21,218	14,800	40,883	75,706
	1909	348	30,285	22,376	13,917	33,265	65,430
Silversmithing and silverware.	1919	13	810	1,110	1,037	1,736	3,832
	1914	25	1,182	1,525	881	1,252	2,884
Slaughtering and meat packing.[2]	1919	84	3,767	10,245	4,940	103,637	114,280
	1914	90	2,197	7,079	1,589	36,320	40,108
	1909	84	1,817	3,610	1,286	33,740	37,583
Smelting and refining, copper.	1919	4	4,066	49,683	5,346	231,413	244,269
	1914	4	3,344	42,735	2,247	153,863	159,199
	1909	4	2,322	22,320	1,335	118,936	125,651
Soap	1919	16	2,889	3,942	3,082	27,347	37,382
	1914	16	2,057	4,276	1,200	10,760	16,692
	1909	21	1,599	2,761	796	7,084	13,674
Stoves and hot-air furnaces.	1919	8	964	1,372	1,544	2,127	4,823
	1914	5	882	1,012	851	643	2,265
	1909	5	648	1,070	578	539	1,607
Sulphuric, nitric, and mixed acids.	1919	5	561	1,151	875	1,596	2,804
	1914	6	909	3,409	697	2,160	5,071
	1909	6	434	1,575	281	1,062	2,128
Tobacco manufactures	1919	318	10,161	4,519	7,826	26,599	56,718
	1914	394	15,830	4,005	5,393	17,404	39,696
	1909	462	9,466	3,302	3,156	10,796	24,177
Toys and games	1919	27	1,186	883	1,112	1,522	3,587
	1914	13	440	121	164	227	641
	1909	15	142	70	57	94	226
Typewriters and supplies	1919	7	436	744	442	1,188	2,800
	1914	8	428	803	269	511	1,236
	1909	8	272	512	202	278	740
Upholstering materials, not elsewhere specified.	1919	9	519	1,261	552	5,972	8,803
	1914	9	313	1,278	167	1,214	1,811
	1909	12	296	915	138	1,088	1,646
Wall paper, not made in paper mills.	1919	5	534	1,192	577	1,748	3,334
	1914	9	963	1,639	594	1,759	3,424
	1909	8	782	1,442	369	1,500	2,872
Window shades and fixtures.	1919	19	284	556	308	1,464	2,501
	1914	19	441	388	249	626	1,006
	1909	14	515	440	282	578	1,155
Wirework, including wire rope and cable, not elsewhere specified.	1919	33	1,330	2,288	1,468	3,984	7,253
	1914	29	1,045	1,633	605	1,511	2,654
	1909	25	1,126	1,066	627	1,508	2,745
Woolen, worsted, and felt goods, and wool hats.	1919	35	14,782	30,614	14,459	55,699	102,302
	1914	32	14,464	25,124	6,385	23,058	36,269
	1909	33	12,652	20,254	4,964	21,033	33,939
All other industries	1919	1,030	74,645	217,530	93,508	372,444	590,326
	1914	844	52,449	137,474	31,308	145,763	227,379
	1909	953	53,185	153,027	28,679	201,836	280,388

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

ATLANTIC CITY... All industries.	1919	154	958	1,875	1,289	3,083	6,359
	1914	107	918	2,521	614	1,412	2,971
	1909	95	786	1,768	527	1,161	2,340
Bread and other bakery products.	1919	34	154	235	259	875	1,406
	1914	23	117	169	66	267	416
	1909	27	118	69	81	286	468
Confectionery and ice cream.	1919	21	149	271	111	694	1,098
	1914	5	26	143	18	83	161
Copper, tin, and sheet-iron work.	1919	4	24	.....	42	24	83
	1914	6	19	.....	12	18	35
	1909	4	47	.....	30	38	80
Foundry and machine-shop products.[3]	1919	19	110	99	165	123	372
	1914	11	53	50	37	36	105
	1909	6	40	55	32	16	69
Ice, manufactured	1919	3	56	650	60	57	291
	1914	4	60	905	34	45	146
	1909	4	54	585	40	44	146
Shipbuilding, wooden, including boat building.	1919	3	8	30	11	11	24
	1914	4	11	15	11	18	28
	1909	4	9	15	13	4	21
Tobacco, cigars	1919	3	2	.....	2	7	13
	1914	3	2	.....	1	2	6
	1909	5	2	.....	2	2	7
All other industries	1919	67	455	590	639	1,292	3,072
	1914	51	630	1,239	435	943	2,074
	1909	45	516	1,044	329	771	1,549
BAYONNE..... All industries.	1919	152	14,994	41,694	22,952	196,849	260,602
	1914	121	10,150	33,323	6,774	77,709	98,234
	1909	97	7,519	28,094	4,775	58,932	73,641
Bread and other bakery products.	1919	20	111	103	208	549	869
	1914	19	91	70	75	240	371
	1909	17	75	29	58	207	340
Clothing, women's	1919	12	267	49	236	258	621
	1914	8	74	22	28	32	78
Foundry and machine-shop products.[4]	1919	17	1,799	7,165	2,872	15,585	21,979
	1914	7	690	3,466	490	1,545	3,201
	1909	7	916	1,722	636	1,642	4,155
All other industries	1919	103	12,817	34,377	19,636	180,457	237,133
	1914	87	9,295	29,765	6,181	75,892	94,584
	1909	73	6,528	26,343	4,081	57,083	69,146
CAMDEN..... All industries.	1919	336	40,906	61,085	53,630	113,104	218,165
	1914	345	22,541	39,670	12,978	36,094	71,824
	1909	365	16,527	29,056	8,607	27,384	49,138
Boots and shoes[5]	1919	7	374	257	367	1,037	1,659
	1914	12	472	208	236	589	970
	1909	10	422	99	215	497	845
Bread and other bakery products.	1919	38	296	276	316	1,764	2,623
	1914	53	254	172	153	555	876
	1909	60	272	94	154	453	762
Confectionery and ice cream.	1919	9	96	176	70	235	358
	1914	14	340	355	108	400	722

[1] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[2] Includes "sausage, not made in slaughtering and meat-packing establishments."
[3] Includes "automobile repairing."
[4] Includes "automobile repairing" and "structural ironwork, not made in steel works or rolling mills."
[5] Includes "boot and shoe cut stock" and "boot and shoe findings" in 1914 and 1909.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
CAMDEN—Contd.							
Copper, tin, and sheet-iron products.[1]	1919	9	72	66	97	132	344
	1914	16	139	137	88	108	278
	1909	10	72	21	48	96	189
Foundry and machine-shop products.[2]	1919	30	984	1,505	1,258	2,166	5,209
	1914	21	1,168	1,522	678	1,418	2,598
	1909	25	1,529	1,408	910	2,407	3,948
Leather, tanned, curried, and finished.	1919	6	1,924	2,838	2,186	14,901	24,998
	1914	5	1,354	3,970	755	5,305	7,733
	1909	7	1,111	1,320	612	4,270	5,920
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	129	514	133	365	750
	1914	7	174	692	101	265	428
	1909	4	128	411	79	236	362
Mineral and carbonated waters.	1919	10	22	26	20	49	97
	1914	9	43	54	26	55	128
	1909	12	36	28	20	66	158
Printing and publishing[3]	1919	40	181	313	192	223	667
	1914	40	198	246	132	121	399
	1909	35	191	139	105	90	350
Soap	1919	4	200	643	195	1,416	2,170
	1914	4	207	319	102	762	1,310
	1909	5	188	270	79	723	1,265
Worsted goods	1919	5	1,050	3,335	736	3,742	5,445
	1914	4	1,084	3,015	335	1,989	2,709
	1909	4	1,149	2,900	355	2,704	3,608
All other industries	1919	172	35,578	51,136	48,060	87,074	173,845
	1914	160	17,108	28,980	10,264	24,527	53,673
	1909	193	11,429	22,366	6,030	15,842	31,731
EAST ORANGE All industries.[4]	1919	76	2,683	3,700	2,896	4,084	11,084
	1914	51	1,949	3,379	1,130	2,389	5,407
	1909	42	1,386	1,087	858	1,768	3,725
ELIZABETH All industries.	1919	226	18,386	36,630	24,228	39,632	76,441
	1914	184	12,870	25,520	8,198	16,307	31,228
	1909	163	12,737	20,124	7,513	16,429	29,147
Bread and other bakery products.	1919	35	92	131	170	684	1,065
	1914	39	118	92	94	318	504
	1909	31	111	38	69	182	347
Chemicals	1919	5	169	1,139	239	742	1,680
	1914	8	191	903	140	368	748
	1909	5	93	286	58	144	307
Foundry and machine-shop products.[5]	1919	38	833	1,949	1,041	1,175	3,024
	1914	24	876	1,755	630	803	2,030
	1909	18	916	1,571	604	996	1,877
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	6	59	345	86	376	631
	1914	7	80	771	59	142	248
Oil, animal and composite.	1919	6	183	269	212	3,084	4,207
	1914	6	117	461	98	2,106	3,100
	1909	5	43	425	29	797	1,005
Printing and publishing[6]	1919	17	134	167	162	258	709
	1914	14	388	931	376	355	1,063
	1909	9	479	661	406	166	867
All other industries	1919	119	16,916	32,630	22,318	33,313	65,125
	1914	86	11,100	20,607	6,801	12,215	23,535
	1909	95	11,095	17,143	6,347	14,144	24,744
HOBOKEN All industries.	1919	280	15,933	20,844	21,492	31,028	70,312
	1914	258	9,290	14,429	5,668	10,706	23,461
	1909	241	7,883	10,613	4,449	8,966	19,016
Bread and other bakery products.	1919	43	526	784	855	2,254	3,700
	1914	36	432	645	340	787	1,604
	1909	36	421	255	321	873	1,410
Clothing, women's	1919	12	208	34	187	281	593
	1914	20	452	61	177	276	655
Foundry and machine-shop products.[7]	1919	29	1,132	2,077	1,048	1,523	4,689
	1914	24	873	1,353	690	743	2,172
	1909	23	855	1,101	558	582	1,808
Furniture	1919	9	609	1,303	728	1,184	2,948
	1914	6	567	1,507	361	547	1,384
	1909	5	616	625	334	557	1,314
Lumber, planing-mill products, not including planing mills connected with sawmills.[8]	1919	5	77	314	95	149	337
	1914	7	121	257	83	135	264
	1909	7	128	293	100	227	442
Mineral and carbonated waters.	1919	4	12	9	14	48	74
	1914	5	18	23	13	17	50
	1909	6	18	16	15	17	64
Printing and publishing[9]	1919	15	250	183	277	590	1,675
	1914	18	189	287	138	205	802
	1909	17	234	235	165	186	577
All other industries	1919	163	13,119	16,140	17,688	24,999	56,296
	1914	142	6,638	10,296	3,866	7,996	16,530
	1909	147	5,611	8,088	2,956	6,524	13,401
JERSEY CITY All industries.	1919	896	36,981	78,897	42,613	263,421	374,183
	1914	770	31,021	49,086	17,651	111,782	164,629
	1909	745	25,454	35,017	13,216	89,317	128,775
Boxes, paper and other, not elsewhere specified.	1919	7	632	674	495	716	1,474
	1914	7	451	629	178	234	551
	1909	5	557	194	166	238	527
Brass and bronze products.	1919	8	278	599	336	2,543	3,351
	1914	10	322	586	215	1,666	2,101
	1909	9	340	550	185	1,577	2,180
Bread and other bakery products.	1919	120	1,155	7,226	1,457	8,998	12,201
	1914	109	633	618	456	1,394	2,583
	1909	113	534	221	387	1,531	2,485
Carriages and wagons, including repairs.	1919	13	48	119	71	63	205
	1914	22	125	183	100	86	254
	1909	27	114	136	88	88	255
Cars and general shop construction and repairs by steam-railroad companies.	1919	5	2,487	7,352	3,868	3,310	7,729
	1914	3	1,088	505	774	615	1,560
	1909	4	1,818	927	1,044	1,273	2,539
Chemicals	1919	8	561	1,660	766	4,144	7,023
	1914	5	334	1,491	244	1,464	2,340
	1909	5	195	657	125	1,067	1,626
Clothing, women's	1919	25	435	82	350	667	1,226
	1914	31	517	75	235	147	523
Confectionery and ice cream.	1919	26	586	770	471	2,244	3,696
	1914	10	479	697	214	1,176	1,686
Cooperage	1919	14	234	260	316	1,305	1,921
	1914	6	213	305	131	444	710
	1909	6	202	205	99	351	547

[1] Includes "stamped and enameled ware, not elsewhere specified," in 1914 and 1909.
[2] Includes "automobile repairing"; "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; and "gas machines and gas and water meters" and "iron and steel, cast-iron pipe" in 1914 and 1909.
[3] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[4] Comparative statistics by industries for 1914 and 1909 not available.
[5] Includes "automobile repairing"; "gas and water meters"; "iron and steel, tempering and welding"; "machine tools"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; and "engines, steam, gas, and water" and "steam fittings and steam and hot-water heating apparatus" in 1919.
[6] Includes "lithographing."
[7] Includes "structural ironwork, not made in steel works or rolling mills," in all years; "automobile repairing" in 1919; and "steam fittings and steam and hot-water heating apparatus" in 1909.
[8] Includes "boxes, wooden packing, except cigar boxes" in 1914 and 1909.
[9] Includes "bookbinding and blank-book making."

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages. (Expressed in thousands of dollars.)	Cost of materials. (Expressed in thousands of dollars.)	Value of products. (Expressed in thousands of dollars.)
JERSEY CITY—Contd.							
Copper, tin, and sheet-iron work.	1919	19	148	335	212	622	951
	1914	23	520	504	336	696	1,475
	1909	28	340	478	241	732	1,284
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	9	174	420	206	427	861
	1914	8	100	183	49	238	330
	1909	7	48	59	27	27	100
Electrical machinery, apparatus, and supplies.	1919	14	1,285	944	1,278	3,150	7,395
	1914	10	865	873	490	1,406	2,557
	1909	10	585	522	293	596	1,253
Foundry and machine-shop products.[1]	1919	88	2,204	4,329	3,089	6,925	13,989
	1914	85	1,564	2,768	1,104	2,153	4,650
	1909	49	1,790	2,830	1,236	1,941	4,700
Furniture[2]	1919	8	300	526	346	1,030	1,856
	1914	9	517	632	263	560	1,207
	1909	8	439	721	214	625	999
Knit goods	1919	19	304	155	277	778	1,433
	1914	13	313	154	213	223	632
	1909	5	168	48	65	233	378
Lumber and timber products.[3]	1919	16	708	1,706	735	1,889	3,406
	1914	16	903	1,508	475	1,032	1,828
	1909	20	586	1,053	329	936	1,619
Marble and stone work	1919	9	47	86	63	91	209
	1914	8	48	60	42	75	156
Millinery and lace goods, not elsewhere specified.	1919	43	589	112	411	2,881	3,899
	1914	26	436	151	201	324	795
	1909	34	625	269	269	504	1,085
Mineral and carbonated waters.	1919	11	50	51	48	134	246
	1914	14	67	70	47	71	170
	1909	16	59	60	37	53	168
Models and patterns, not including paper patterns.	1919	7	136	272	175	58	313
	1914	6	51	37	56	8	84
Paper and wood pulp	1919	4	282	2,394	278	690	1,149
	1914	3	141	1,038	88	297	470
	1909	4	157	1,250	90	242	462
Patent medicines and compounds.[4]	1919	12	106	171	83	457	934
	1914	15	105	284	75	421	934
	1909	13	76	185	40	141	479
Printing and publishing[5]	1919	51	512	615	789	784	2,306
	1914	45	594	848	397	697	1,711
	1909	48	466	642	295	457	1,193
Shipbuilding, wooden, including boat building.	1919	6	340	345	529	608	1,580
	1914	4	136	205	108	98	268
Silk goods	1919	5	652	1,106	625	1,738	3,378
	1914	5	717	1,060	532	1,115	2,375
	1909	7	1,048	780	550	1,002	2,071
Slaughtering and meat packing.[6]	1919	12	1,992	5,289	2,714	71,169	78,236
	1914	16	1,179	3,303	804	23,158	25,235
	1909	20	856	945	593	20,537	22,314
Steam packing	1919	5	207	750	282	691	1,361
	1914	4	31	78	18	113	263
	1909	4	43	107	20	105	246
All other industries	1919	323	20,529	40,549	22,343	145,409	211,855
	1914	257	18,572	30,241	9,806	71,871	107,181
	1909	272	14,408	23,101	6,823	55,061	80,265
NEWARK All industries.	1919	2,155	86,707	139,791	104,322	337,962	577,609
	1914	2,275	63,084	100,466	36,647	113,438	210,601
	1909	1,857	59,885	78,203	33,071	114,627	201,888
Boots and shoes	1919	9	968	811	980	3,084	5,331
	1914	10	1,242	474	743	1,718	2,993
	1909	9	1,402	415	683	1,618	2,773
NEWARK—Contd.							
Boxes, paper and other, not elsewhere specified.	1919	14	770	450	494	922	2,251
	1914	17	723	331	248	356	802
	1909	13	620	301	187	261	648
Brass, bronze, and copper products.	1919	20	401	732	471	1,978	3,160
	1914	20	132	208	84	225	432
	1909	22	241	264	139	321	611
Bread and other bakery products.	1919	214	1,459	2,133	1,990	8,685	13,840
	1914	222	1,284	1,114	923	3,050	5,429
	1909	205	1,026	566	738	2,711	4,627
Buttons	1919	30	1,794	1,729	1,728	2,231	4,995
	1914	29	1,208	1,312	592	767	1,799
	1909	29	1,429	726	590	804	1,804
Chemicals	1919	11	2,475	3,705	2,634	6,738	14,953
	1914	12	1,502	4,418	856	3,086	6,077
	1909	9	1,564	4,455	823	2,404	4,805
Cleansing and polishing preparations.	1919	7	25	88	26	412	679
	1914	8	27	70	20	122	265
Clothing, women's	1919	38	1,277	397	1,076	3,106	5,669
	1914	44	1,696	405	622	1,105	2,436
	1909	30	2,320	382	767	1,569	3,349
Confectionery and ice cream	1919	26	1,165	469	795	2,610	4,750
	1914	14	319	354	159	866	1,201
Copper, tin, and sheet-iron products.[7]	1919	44	2,182	1,234	2,244	2,519	6,636
	1914	54	2,375	1,516	1,324	1,733	4,241
	1909	43	2,663	1,257	1,424	1,800	4,166
Corsets	1919	14	1,939	491	1,496	4,130	8,358
	1914	10	2,521	948	976	2,242	4,622
	1909	9	1,804	464	613	1,259	3,263
Cutlery and tools, not elsewhere specified.	1919	64	2,219	2,834	2,595	1,367	6,442
	1914	43	1,967	2,462	981	1,074	3,057
	1909	39	1,576	1,616	756	646	2,081
Electrical machinery, apparatus, and supplies.	1919	31	8,586	16,865	9,268	12,599	32,135
	1914	19	4,302	3,365	2,338	3,105	8,920
	1909	21	2,820	2,508	1,516	1,482	5,617
Fancy articles, not elsewhere specified.[8]	1919	40	1,306	1,857	1,210	2,232	5,080
	1914	37	535	339	282	361	1,033
	1909	14	283	251	137	155	439
Food preparations, not elsewhere specified.	1919	28	197	750	164	1,143	1,906
	1914	21	122	494	69	362	610
	1909	10	84	86	32	214	373
Foundry and machine-shop products.[9]	1919	213	7,835	13,866	9,938	12,714	33,725
	1914	308	6,791	10,780	4,499	6,237	15,003
	1909	168	6,667	8,923	4,228	6,661	15,482
Hats, fur-felt	1919	18	1,619	1,882	2,399	4,308	8,395
	1914	26	2,162	2,210	1,252	1,767	3,901
	1909	35	2,158	2,553	1,419	2,074	4,433
Jewelry	1919	165	3,143	1,610	4,330	14,464	27,484
	1914	167	3,344	1,882	2,179	5,482	11,215
	1909	145	3,849	1,214	2,511	6,240	13,152
Knit goods	1919	15	281	102	305	694	1,698
	1914	11	203	57	118	246	492
	1909	7	148	21	47	113	224
Leather goods[10]	1919	37	1,057	435	1,289	3,268	6,066
	1914	48	699	400	447	1,059	2,018
	1909	46	687	505	382	859	1,666
Leather, tanned, curried, and finished.	1919	55	3,126	9,419	4,513	34,047	48,276
	1914	64	3,086	7,214	2,092	14,310	20,118
	1909	63	3,794	6,786	2,504	13,416	18,858
Liquors, malt	1919	7	1,040	8,503	1,533	3,348	15,332
	1914	13	1,580	11,740	1,445	3,267	12,072
	1909	14	1,229	8,319	1,071	2,799	12,361

[1] Includes "automobile repairing"; "engines, steam, gas, and water"; "iron and steel, tempering and welding"; "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; "hardware" in 1919; and "gas machines and gas and water meters" in 1914.

[2] Includes "refrigerators" in 1914 and 1909.

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

[4] Includes "perfumery and cosmetics" in 1914 and 1909 and "druggists' preparations" in 1909.

[5] Includes "bookbinding and blank-book making" in all years and "engraving, steel and copper plate, including plate printing" in 1919.

[6] Includes "sausage, not made in slaughtering and meat-packing establishments" in 1914 and 1909.

[7] Includes "stamped ware, not elsewhere specified," in all years and "tinware, not elsewhere specified," in 1914 and 1909.

[8] Includes "combs and hairpins, not made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."

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

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

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

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

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
NEWARK—Contd.							
Lumber and timber products.[1]	1919	36	400	1,650	457	1,310	2,404
	1914	38	460	1,397	312	753	1,354
	1909	26	731	1,413	346	1,076	1,916
Marble and stone work	1919	19	108	899	159	204	620
	1914	28	225	1,049	216	274	687
	1909	23	271	696	250	322	834
Mattresses and spring beds, not elsewhere specified.	1919	9	83	143	121	545	827
	1914	6	48	92	28	118	196
	1909	7	270	113	131	437	664
Millinery and lace goods, not elsewhere specified.	1919	9	277	130	179	990	1,470
	1914	8	242	93	94	212	411
	1909	9	241	98	104	201	404
Mineral and soda waters	1919	19	93	182	130	339	721
	1914	28	120	128	88	129	348
Paint and varnish	1919	19	1,056	3,152	1,266	11,628	17,977
	1914	19	739	2,861	476	4,029	7,761
	1909	25	613	2,548	385	4,268	6,733
Paper goods, not elsewhere specified.	1919	8	150	252	135	1,261	1,898
	1914	7	184	239	82	470	723
	1909	4	47	45	21	136	184
Pickles and sauces	1919	10	52	169	57	594	892
	1914	14	32	33	15	50	105
Printing and publishing [2]	1919	143	1,722	1,562	2,096	3,537	8,523
	1914	137	1,513	1,645	1,245	1,385	4,598
	1909	118	1,668	1,307	1,184	1,247	3,998
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	8	256	901	223	509	1,123
	1914	7	191	823	108	338	622
	1909	4	145	470	75	477	691
Slaughtering and meat packing.[3]	1919	14	567	1,345	573	12,817	13,992
	1914	15	301	1,076	206	4,261	4,832
	1909	13	288	687	188	3,760	4,297
Tobacco manufactures	1919	74	1,552	643	1,222	2,486	5,329
	1914	97	2,430	183	830	1,518	3,569
	1909	101	1,525	175	556	1,003	2,771
Wirework, including wire rope and cable, not elsewhere specified.	1919	7	230	310	271	1,022	1,587
	1914	6	193	260	120	117	356
All other industries	1919	680	35,297	58,031	45,955	174,121	263,085
	1914	668	18,586	38,494	10,578	47,244	76,303
	1909	596	17,722	29,039	9,264	54,294	78,664
PASSAIC All industries.	1919	234	18,203	42,759	18,472	76,914	129,073
	1914	195	17,142	31,701	8,049	30,940	53,268
	1909	167	14,654	23,095	6,101	23,763	40,733
Bread and other bakery products.	1919	37	75	126	144	522	762
	1914	41	125	61	86	271	441
	1909	41	134	30	92	320	552
Foundry and machine-shop products.[4]	1919	21	493	1,293	633	1,802	4,165
	1914	13	387	783	264	593	1,195
	1909	13	201	468	132	318	692
Millinery and lace goods, not elsewhere specified.	1919	34	656	205	454	278	1,034
	1914	14	365	41	139	582	925
	1909	6	247	58	70	359	575
Printing and publishing [5]	1919	22	139	194	160	132	448
	1914	20	131	263	93	71	280
	1909	18	134	232	97	76	289
All other industries	1919	120	16,840	40,941	17,081	74,180	122,664
	1914	107	16,134	30,553	7,467	29,423	50,427
	1909	89	13,938	22,307	5,710	22,690	38,625
PATERSON All industries.	1919	1,044	37,217	45,895	38,597	114,961	216,659
	1914	735	30,925	34,017	16,195	40,630	78,429
	1909	702	31,981	34,989	15,205	34,736	69,263
Boxes, set-up paper boxes	1919	6	123	66	114	267	547
	1914	6	174	75	74	171	307
	1909	8	156	119	66	144	276
Bread and other bakery products.	1919	76	291	318	456	1,749	2,718
	1914	88	287	184	190	709	1,185
	1909	86	238	95	155	692	1,011
Card cutting and designing.	1919	5	22	7	33	93	192
	1914	7	36	11	21	41	100
	1909	8	32	32	18	21	75
Clothing, men's, including shirts.	1919	12	1,496	374	1,025	6,491	9,429
	1914	13	2,077	452	927	2,511	4,995
	1909	12	1,856	411	828	2,016	3,445
Confectionery and ice cream.	1919	15	56	231	64	493	721
	1914	16	49	70	32	100	181
Copper, tin, and sheet-iron work.	1919	11	75	66	89	179	344
	1914	8	63	66	48	153	258
	1909	7	62	21	38	112	195
Cotton goods, including cotton small wares.	1919	5	229	208	151	442	850
	1914	7	156	242	72	118	229
	1909	6	224	365	78	204	380
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	52	4,606	8,690	4,743	7,428	20,022
	1914	38	3,472	4,846	1,901	3,185	7,527
	1909	24	3,650	7,739	1,832	2,759	6,250
Foundry and machine-shop products.[6]	1919	79	2,576	3,512	2,768	3,405	8,671
	1914	53	2,268	3,187	1,213	1,652	3,944
	1909	47	2,246	1,880	1,178	1,535	3,797
Lumber and timber products.[7]	1919	8	162	530	176	565	1,054
	1914	9	162	407	98	291	490
	1909	8	163	361	99	234	420
Mineral and carbonated waters.	1919	10	31	24	27	80	151
	1914	16	50	31	32	40	106
	1909	17	54	24	31	47	120
Printing and publishing [8]	1919	35	219	393	270	389	1,095
	1914	32	304	526	237	221	696
	1909	42	312	471	183	159	610
Silk goods, including throwsters.	1919	574	21,836	15,048	22,852	76,544	139,497
	1914	291	16,992	11,013	8,982	23,225	44,672
	1909	276	18,828	13,361	8,872	19,593	39,994
All other industries	1919	156	5,495	16,428	5,829	16,836	31,368
	1914	151	4,835	12,907	2,368	8,213	13,739
	1909	161	4,160	10,110	1,827	7 220	12,690
TRENTON All industries.	1919	389	24,547	61,648	27,858	60,461	122,478
	1914	394	19,828	36,219	11,134	29,943	54,822
	1909	340	18,543	29,839	9,726	27,673	49,115
Bread and other bakery products	1919	52	271	301	398	1,713	2,586
	1914	56	363	301	225	867	1,325
	1909	48	349	221	187	832	1,279
Brick, tile, pottery, and other clay products.	1919	35	4 460	4,119	5,208	2,778	12,324
	1914	36	4,911	3,210	3,195	1,952	7,011
	1909	34	5,030	3,113	3,143	2,035	6,996
Confectionery and ice cream.	1919	16	326	388	193	895	1,498
	1914	13	245	390	68	448	746
Copper, tin, and sheet-iron work.	1919	16	42	40	56	73	167
	1914	15	52	20	38	57	127
	1909	9	47	20	35	96	182

[1] Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens and weather strips."
[2] Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."
[3] Includes "sausage, not made in slaughtering and meat-packing establishments."
[4] Includes "structural ironwork, not made in steel works or rolling mills" in all years, and "automobile repairing" and "plumbers' supplies, not elsewhere specified" in 1919.
[5] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing."
[6] Includes "automobile repairing"; "iron and steel, welding"; "machine tools"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; and "steam fittings and steam and hot-water heating apparatus" in 1919.
[7] Includes "lumber, planing-mill products, not including planing mills connected with sawmills."
[8] Includes "bookbinding and blank-book making" in all years, and "engraving, steel and copper plate, including plate printing" in 1914 and 1909.

TABLE 41.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Con.

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands of dollars.		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.							
TRENTON—Contd.							
Foundry and machine-shop products.[1]	1919	45	2,332	5,397	3,089	5,139	9,857
	1914	43	2,159	3,610	1,439	2,264	4,616
	1909	28	1,998	3,327	1,096	1,785	3,838
Ice, manufactured	1919	4	37	883	51	87	232
	1914	5	37	1,140	24	38	104
	1909	3	49	1,140	29	38	141
Mineral and carbonated waters.	1919	6	53	62	43	105	232
	1914	7	47	35	34	136	216
	1909	6	15	35	10	32	74
Printing and publishing[2]	1919	31	317	309	410	416	1,447
	1914	34	344	258	242	182	784
	1909	35	324	255	223	188	738
TRENTON—Contd.							
Rubber tires, tubes, and rubber goods, not elsewhere specified.	1919	15	3,942	11,156	4,420	17,585	30,393
	1914	11	1,839	4,150	1,076	5,361	8,068
	1909	8	936	2,614	501	3,681	4,969
Slaughtering and meat packing.[3]	1919	9	26	72	37	540	648
	1914	14	35	112	29	291	398
	1909	9	47	104	30	541	636
All other industries	1919	160	12,741	38,921	13,953	31,130	63,094
	1914	160	9,796	22,993	4,764	18,347	31,427
	1909	160	9,748	19,010	4,472	18,445	30,262
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.							
ASBURY PARK	1919	60	393	839	387	686	1,565
	1914	44	312	670	202	332	766
	1909	27	264	392	175	294	602
BLOOMFIELD	1919	59	5,150	10,197	5,077	12,939	25,245
	1914	57	3,177	8,353	1,644	3,360	8,358
	1909	45	2,957	6,031	1,301	2,301	5,895
BRIDGETON	1919	87	2,329	4,170	2,039	6,597	10,959
	1914	83	2,479	2,918	1,411	2,453	4,936
	1909	74	2,387	2,105	1,163	1,997	4,070
ENGLEWOOD	1919	29	256	508	263	523	1,119
	1914	19	91	296	51	111	321
GARFIELD	1919	56	5,025	11,884	5,313	20,509	40,234
	1914	39	5,869	8,574	2,639	11,365	16,113
	1909	25	2,530	5,416	1,080	5,975	8,894
GLOUCESTER	1919	21	6,225	10,924	7,710	9,182	19,994
	1914	23	1,945	3,068	736	3,213	4,711
HACKENSACK	1919	45	698	1,361	740	2,118	3,708
	1914	43	766	1,343	421	1,052	2,253
	1909	46	738	1,021	360	899	1,978
HARRISON	1919	63	13,026	41,833	16,004	29,417	61,767
	1914	52	7,404	15,931	4,603	7,358	17,931
	1909	55	6,893	8,381	3,889	5,641	13,770
IRVINGTON	1919	89	1,956	4,496	2,578	6,707	12,175
	1914	74	921	2,700	537	5,923	7,350
	1909	51	540	967	278	2,343	3,018
KEARNY	1919	49	14,860	26,074	19,119	42,700	80,832
	1914	51	5,094	10,409	3,196	8,755	15,420
	1909	34	4,001	7,235	2,204	7,971	12,380
LONG BRANCH	1919	65	841	1,413	740	1,330	3,013
	1914	33	410	1,079	206	449	1,055
	1909	34	415	922	225	584	1,117
MILLVILLE	1919	44	3,857	5,561	3,822	4,468	10,416
	1914	50	3,198	3,420	1,813	1,856	4,644
	1909	39	2,761	3,681	1,424	1,599	4,182
MONTCLAIR	1919	34	281	932	317	1,433	2,282
	1914	42	382	1,132	227	993	1,432
	1909	23	252	918	139	669	1,026
MORRISTOWN	1919	56	248	778	252	767	1,352
	1914	31	218	873	164	367	684
	1909	31	201	766	130	369	724
NEW BRUNSWICK	1919	138	7,673	17,706	8,235	18,181	42,625
	1914	113	6,448	9,619	2,955	6,567	14,814
	1909	93	5,264	6,337	2,020	4,549	10,005
ORANGE	1919	81	2,712	3,214	2,518	5,306	13,092
	1914	72	2,126	2,906	1,278	1,939	4,558
	1909	82	1,770	2,812	1,133	1,442	3,459
PERTH AMBOY	1919	124	9,197	53,626	10,312	199,307	230,658
	1914	128	9,202	48,968	4,906	135,745	148,960
	1909	83	7,082	29,787	3,460	104,077	118,598
PHILLIPSBURG	1919	53	5,403	12,374	5,393	14,007	29,408
	1914	40	4,359	9,795	2,467	5,576	11,329
	1909	39	3,432	7,061	1,732	4,770	9,150
PLAINFIELD	1919	94	3,421	6,415	3,628	9,822	17,540
	1914	78	1,832	4,064	1,176	2,761	5,009
	1909	60	1,758	3,912	968	1,530	3,649
UNION	1919	116	1,506	3,642	1,488	3,583	8,195
	1914	75	1,479	2,998	867	2,090	4,465
	1909	83	1,855	1,829	1,005	2,478	5,883
WEST HOBOKEN	1919	307	3,565	3,151	3,482	7,849	16,653
	1914	189	3,454	2,299	1,910	2,830	6,601
	1909	137	2,782	1,477	1,425	2,488	5,577
WEST NEW YORK	1919	192	3,208	3,806	3,295	20,084	28,378
	1914	98	2,335	2,455	1,402	10,045	13,961
	1909	66	1,508	1,443	729	7,409	9,274

[1] Includes "automobile repairing"; "hardware"; "plumbers' supplies, not elsewhere specified"; and "structural ironwork, not made in steel works or rolling mills."
[2] Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing" in 1914 and 1909.
[3] Includes "sausage, not made in slaughtering and meat-packing establishments."

TABLE 42.—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	11,057	602,170	9,349	22,074	41,066	20,995	508,686	De 537,639	Mh 482,240	(3)	(3)	(3)	(3)	(3)	Dollars. 2,815,577,127
2	Agricultural implements	10	303	10	26	22	26	219	Ja 284	Oc 175	206	206	.....	.....	.....	2,396,138
3	Aluminum manufactures	5	1,289	.....	31	55	40	1,163	De 1,709	Ja 808	1,729	1,589	140	.....	.....	10,165,364
4	Ammunition	5	1,280	.....	54	142	105	979	Ja 2,134	Jy 622	1,056	942	110	3	1	6,898,164
5	Artificial flowers	14	112	12	7	.....	3	90	Ja 99	Je 78	91	33	52	3	3	298,372
6	Artificial stone products	76	427	70	35	15	12	295	Se 393	Ja 186	333	333	.....	.....	.....	1,328,819
7	Artists' materials	8	357	1	20	26	16	294	De 314	Ja 270	315	273	42	.....	.....	1,851,237
8	Asbestos products, not including steam packing.	6	158	.....	20	10	10	118	De 129	Ap 110	129	126	3	.....	.....	341,622
9	Automobile bodies and parts	110	3,782	101	124	221	176	3,160	De 3,717	Fe 2,461	3,746	3,532	214	.....	.....	8,923,205
10	Automobiles	6	2,843	.....	91	299	94	2,359	Ja 2,793	Ap 2,035	2,656	2,595	61	.....	.....	11,578,691
11	Automobile repairing	493	2,393	492	90	84	100	1,627	Jy 1,747	Ja 1,473	1,693	1,665	6	22	.....	4,328,592
12	Awnings, tents, and sails	59	283	57	22	6	8	190	Je 249	De 146	223	120	102	1	.....	510,599
13	Bags, other than paper, not including bags made in textile mills.	14	875	12	13	16	10	824	Ja 1,060	Mh [4] 576	906	424	429	32	21	5,488,719
14	Baskets, and rattan and willow ware.	24	186	28	5	.....	1	152	Au 198	No 106	167	160	3	4	.....	363,544
15	Belting and hose, rubber	5	2,481	.....	36	632	152	1,661	De 2,276	Mh 583	2,276	2,135	137	4	.....	18,785,315
16	Belting and hose, woven, other than rubber.	5	563	.....	30	82	31	420	No 443	My 401	440	208	227	2	3	4,734,127
17	Belting, leather	10	130	10	7	22	9	82	My 85	Ap [4] 81	81	64	16	1	.....	630,402
18	Blacking, stains, and dressings	11	382	4	13	55	9	301	No 358	Mh 96	355	188	118	37	12	2,215,161
19	Bookbinding and blank-book making	34	445	38	14	52	26	315	De 341	Ja 276	341	212	127	2	.....	615,485
20	Boot and shoe findings	5	74	2	10	3	2	57	Jy 66	Ja 38	59	26	33	.....	.....	230,816
21	Boots and shoes, not including rubber boots and shoes.	34	3,165	20	132	95	83	2,835	De 3,017	Ja 2,675	3,062	1,792	1,185	43	42	7,120,965
22	Boxes, cigar	5	97	4	5	3	1	84	De 95	My 71	95	42	53	.....	.....	54,323
23	Boxes, paper and other, not elsewhere specified.	51	3,008	25	139	107	78	2,659	.....	.....	2,834	1,091	1,598	33	112	4,594,371
24	Shipping containers, corrugated and fiber.	4	542	1	18	28	16	479	Ja 594	Fe 410	477	238	232	1	6	1,623,969
25	Set-up paper boxes	39	1,750	20	88	27	29	1,586	De 1,717	Ja 1,477	1,717	438	1,154	28	97	1,642,516
26	All other	8	716	4	33	52	33	594	De 639	Au 517	640	415	212	4	9	1,327,886
27	Boxes, wooden packing, except cigar boxes.	36	1,335	34	44	33	27	1,197	Fe 1,233	Je 1,153	1,213	1,181	13	19	.....	3,750,217
28	Brass, bronze, and copper products	67	2,611	57	123	165	81	2,185	.....	.....	2,388	2,305	71	10	2	12,542,950
29	Brass and bronze products	61	2,138	53	97	108	56	1,824	Ja 2,244	Se 1,624	1,985	1,945	35	5	.....	10,475,479
30	All other	6	473	4	26	57	25	361	De 402	Ja 331	403	360	36	5	2	2,067,471
31	Bread and other bakery products	1,263	8,513	1,387	158	689	368	5,911	.....	.....	6,297	5,402	819	67	9	25,866,949
32	Biscuit and crackers	4	134	3	4	10	5	112	De 165	Je 87	165	85	52	26	2	298,639
33	Bakery products, other than biscuit and crackers.	1,259	8,379	1,384	154	679	363	5,799	Au 6,067	Ja 5,491	6,132	5,317	767	41	7	25,568,310
34	Brick and tile, terra-cotta, and fire-clay products.	67	3,963	25	198	130	66	3,544	.....	.....	4,358	4,075	266	9	8	18,720,986
35	Building brick	32	1,550	21	69	41	8	1,411	Se 1,692	Fe 874	1,485	1,482	1	2	.....	6,128,903
36	Fire brick	5	273	1	15	5	4	248	Au 319	Ja 176	316	316	.....	.....	.....	1,143,284
37	Terra-cotta products	23	1,860	.....	88	71	46	1,655	No 2,400	Mh 765	2,340	2,080	245	7	8	9,293,222
38	All other	7	280	3	26	13	8	230	Ja 323	Je 192	217	197	20	.....	.....	2,155,597
39	Brooms, from broom corn	11	167	13	7	6	3	138	De 165	Ja [4] 124	165	125	40	.....	.....	225,837
40	Brushes	25	1,075	25	35	55	42	918	De 985	Ja 860	987	654	306	13	14	3,277,690
41	Butter	5	10	4	1	.....	.....	5	(5) 5	(6) 5	6	6	.....	.....	.....	53,282
42	Buttons	70	2,789	60	94	43	22	2,570	No 2,704	Ja 2,340	2,725	1,823	865	16	21	3,933,849
43	Canning and preserving, fish	3	19	3	1	1	1	13	No 17	Je [4] 9	15	15	.....	.....	.....	267,996
44	Canning and preserving, fruits and vegetables.	53	3,307	42	168	243	169	2,685	.....	.....	4,751	2,504	2,246	.....	1	21,088,371
45	Canned vegetables	35	2,869	33	142	239	161	2,294	Se 3,894	Ap 1,188	3,758	2,218	1,540	.....	.....	19,672,604
46	Canned fruits	18	438	9	26	4	8	391	Oc 1,072	Fe 44	993	286	706	.....	1	1,415,767
47	Card cutting and designing	5	35	4	7	1	1	22	Fe [4] 25	My 20	21	21	.....	.....	.....	109,976
48	Carpets and rugs, other than rag	5	979	3	18	26	15	917	De 1,077	Ja 776	1,077	734	319	14	10	5,301,903
49	Carpets, rag	15	106	17	.....	.....	4	85	No 106	Ja 61	99	65	34	.....	.....	128,564
50	Carriages and sleds, children's	6	130	3	10	3	2	112	De 142	Ja 88	143	122	17	4	.....	163,547
51	Carriages and wagons, including repairs.	118	491	143	14	7	5	322	.....	.....	329	327	1	1	.....	1,253,300
52	Carriages and wagons	41	241	50	8	7	3	173	Au 183	Ja 160	174	174	.....	.....	.....	778,539
53	Repair work only	77	250	93	6	.....	2	149	Je 153	Ja 146	155	153	1	1	.....	475,761
54	Cars and general shop construction and repairs by electric-railroad companies.	15	1,366	.....	19	11	3	1,333	Ja 1,533	Je 1,178	1,324	1,323	1	.....	.....	3,094,024
55	Cars and general shop construction and repairs by steam-railroad companies.	36	11,252	.....	508	276	147	10,321	De 10,902	Ap 9,455	10,869	10,800	68	1	.....	12,367,108
56	Cheese	8	15	7	.....	.....	.....	8	Au 11	Ja [4] 7	6	6	.....	.....	.....	162,532
57	Chemicals	78	15,062	9	667	1,165	749	12,472	De 13,127	Ap 11,277	13,099	12,085	990	14	10	90,993,211
58	Chewing gum	8	155	.....	28	8	7	112	My 132	De 89	88	60	28	.....	.....	996,224
59	China decorating, not including that done in potteries.	8	101	6	3	4	3	85	.....	.....	98	36	57	.....	5	182,471
60	Decalcomania work on china	3	36	2	2	2	.....	30	De 35	Ja 27	35	9	24	.....	2	102,656
61	All other	5	65	4	1	2	3	55	No 64	Ja 46	63	27	33	.....	3	79,815
62	Chocolate and cocoa products	8	509	8	25	18	29	489	Oc 535	My 435	532	379	138	11	4	2,672,298

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

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
			THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.														
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
89,134,009	81,940,258	600,658,345	27,716,816	10,327,057	120,286,240	2,194,512,449	75,960,830	3,672,064,987	1,401,591,708	1,146,744	573,463	207,971	40,830	12,528	311,952	418,391	1
68,379	69,192	239,414	.....	1,104	36,263	671,165	29,026	1,364,819	664,628	591	120	.....	356	100	15	.....	2
95,952	109,089	1,211,774	.....	.....	531,333	4,169,172	187,973	7,060,276	2,753,131	4,655	229	3,613	.....	.....	813	3,725	3
198,706	288,832	969,031	.....	.....	202,383	1,852,362	92,320	3,946,431	2,001,749	3,843	700	2,000	.....	.....	1,143	1,260	4
13,550	2,139	93,320	36,153	4,499	2,331	129,822	3,827	334,972	201,323	42	.....	.....	.....	.....	42	.....	5
68,027	33,878	338,586	667	7,996	24,595	426,060	19,045	1,154,639	709,534	700	211	.....	300	.....	189	.....	6
111,371	72,769	340,565	.....	9,818	120,322	1,273,790	33,146	2,380,597	1,073,661	1,454	550	250	155	240	259	170	7
68,453	16,108	212,130	.....	29,856	2,459	316,950	13,185	849,785	519,650	271	140	.....	.....	.....	131	.....	8
496,446	341,862	4,150,935	6,330	120,269	496,614	6,234,843	167,765	15,110,688	8,708,080	5,939	660	3,500	565	.....	1,214	2,341	9
285,923	567,091	3,506,642	.....	12,890	1,525,833	30,529,043	153,366	39,560,664	8,878,255	3,246	300	.....	.....	.....	2,946	379	10
169,428	161,378	2,144,190	12,866	242,635	47,386	2,204,678	107,622	6,129,747	3,817,447	2,083	105	.....	388	.....	1,590	6	11
35,008	14,871	190,269	117	23,085	5,981	427,798	6,401	892,482	458,283	112	10	.....	10	.....	92	.....	12
78,440	36,902	539,594	.....	4,584	223,991	12,724,755	19,079	14,696,734	1,952,900	351	275	.....	3	.....	73	375	13
14,104	780	133,455	.....	2,370	4,770	262,320	3,045	524,079	258,714	464	338	.....	26	60	40	.....	14
289,237	996,958	1,901,149	.....	.....	307,431	5,011,354	250,467	10,880,398	5,618,577	9,679	3,495	100	496	100	5,578	1,430	15
102,013	165,415	360,334	.....	.....	117,292	2,189,026	37,233	3,766,036	1,540,377	803	750	.....	.....	.....	113	260	16
67,023	48,504	90,336	.....	6,030	7,146	706,573	8,904	1,001,526	286,049	104	7	.....	.....	.....	97	.....	17
52,163	90,169	242,904	50	3,078	11,132	974,547	24,506	1,754,846	755,793	352	330	.....	.....	.....	22	42	18
42,199	97,828	296,631	1,573	15,321	6,323	446,981	14,992	1,180,032	718,059	192	20	.....	2	.....	170	.....	19
21,331	9,155	40,665	12,026	1,897	24,663	156,361	3,991	360,097	199,745	72	62	.....	.....	.....	10	.....	20
410,265	353,542	2,459,177	39,457	30,801	175,837	7,733,971	77,020	12,864,068	5,053,077	2,057	1,389	.....	74	.....	594	409	21
20,101	6,195	68,016	.....	4,036	9,024	105,807	2,324	247,961	139,830	67	5	.....	.....	.....	62	.....	22
454,898	310,760	2,070,890	14,027	87,610	94,397	3,657,008	88,331	8,201,921	4,456,582	2,198	535	.....	155	50	1,458	.....	23
55,540	76,088	411,474	2,449	2,184	31,231	796,750	10,197	1,011,365	795,418	655	75	.....	120	.....	460	.....	24
257,324	69,030	1,003,651	6,478	62,642	31,133	1,579,234	35,851	3,758,086	2,143,001	550	120	.....	35	.....	395	.....	25
142,034	165,642	655,765	5,100	22,784	32,033	1,281,024	33,283	2,832,470	1,518,163	993	340	.....	.....	50	603	.....	26
204,141	99,497	1,512,937	2,873	5,385	140,126	6,252,467	24,706	8,756,166	2,478,993	1,501	792	.....	15	16	678	251	27
506,241	276,725	2,595,454	48,260	30,721	363,314	7,977,372	491,621	14,412,106	5,943,113	11,656	4,730	10	253	.....	6,663	497	28
399,292	164,212	2,163,466	48,260	20,421	210,771	6,634,410	402,374	11,924,177	4,887,393	8,655	1,930	10	153	.....	6,562	.....	29
106,949	112,513	431,988	.....	10,300	152,543	1,342,962	89,247	2,487,929	1,055,720	3,001	2,800	.....	100	.....	101	497	30
527,409	1,012,664	8,440,230	9,693	539,828	380,318	35,882,904	1,029,184	55,763,446	18,851,358	13,307	1,954	404	283	18	10,648	1,615	31
10,594	16,251	85,407	.....	3,530	2,690	375,456	10,593	573,892	187,843	121	20	.....	.....	.....	101	.....	32
516,815	996,413	8,354,832	9,693	536,298	377,628	35,507,448	1,018,591	55,189,554	18,663,515	13,186	1,934	404	283	18	10,547	1,615	33
533,370	282,958	3,859,313	.....	49,013	269,447	1,631,337	1,146,904	10,127,176	7,348,935	17,523	12,897	80	458	.....	4,088	2,179	34
183,060	61,794	1,561,822	.....	39,427	143,534	670,069	551,136	4,203,950	2,982,745	8,282	5,957	.....	362	.....	1,963	183	35
33,689	12,819	216,193	.....	.....	42,448	161,480	70,214	851,193	619,499	888	570	.....	73	.....	245	290	36
245,880	105,098	1,814,136	.....	4,961	66,113	651,483	474,906	4,408,686	3,282,297	6,924	6,195	80	.....	.....	649	1,706	37
70,741	43,247	267,162	.....	4,625	17,352	148,305	56,648	663,347	464,394	1,429	175	.....	23	.....	1,231	.....	38
23,660	11,090	128,448	.....	3,886	7,220	367,275	4,253	588,172	216,644	83	25	.....	10	.....	48	3	39
169,202	245,466	886,864	2,803	12,972	31,474	2,420,653	51,926	4,263,473	1,781,894	742	330	.....	48	.....	364	171	40
900	.....	5,620	.....	488	276	115,028	3,687	150,395	31,680	103	88	.....	.....	.....	15	.....	41
346,212	89,340	2,402,061	10,059	87,466	123,853	2,898,651	100,888	7,021,472	4,021,933	2,528	1,260	.....	225	.....	1,043	55	42
1,600	2,652	16,561	.....	1,200	838	284,544	1,041	328,873	43,288	19	.....	.....	.....	.....	19	.....	43
805,932	570,921	2,193,020	106	21,852	649,303	14,680,501	134,972	24,618,704	9,803,231	3,586	2,827	32	29	.....	698	1,567	44
748,987	568,909	2,002,264	106	18,934	622,692	13,687,049	121,455	23,257,939	9,449,435	3,026	2,331	.....	24	.....	671	1,566	45
56,945	11,012	190,756	.....	2,918	26,611	993,452	13,517	1,360,765	353,796	560	496	32	5	.....	27	1	46
11,698	2,020	33,192	.....	4,039	510	91,901	962	191,998	99,135	7	.....	.....	.....	.....	7	.....	47
129,756	76,709	850,312	2,095	1,200	75,657	3,169,061	49,870	5,912,168	2,693,237	1,191	695	.....	.....	.....	496	267	48
.....	1,987	64,930	.....	2,840	1,584	84,985	2,868	197,935	110,082	79	25	.....	40	.....	14	.....	49
26,221	5,017	82,140	.....	5,604	2,223	133,301	3,368	308,675	172,006	59	41	.....	.....	.....	18	.....	50
26,415	15,300	406,884	12,903	13,667	14,880	553,784	26,214	1,401,847	821,849	632	44	.....	201	25	362	.....	51
20,679	13,720	209,399	5,061	2,840	6,884	360,384	12,199	787,516	414,933	316	24	.....	138	.....	154	.....	52
8,736	1,580	197,485	7,902	10,827	7,996	193,400	14,015	614,331	406,916	316	20	.....	63	25	208	.....	53
49,625	21,173	1,754,803	.....	15,000	15,641	1,536,849	41,239	3,489,418	1,911,330	3,887	.....	.....	.....	.....	3,887	.....	54
1,156,203	538,067	15,198,882	.....	.....	154,392	11,176,053	609,859	29,467,415	17,681,503	19,056	12,370	2,760	103	.....	3,823	8,216	55
.....	.....	6,172	.....	715	154	105,280	517	127,968	22,171	54	54	.....	.....	.....	.....	.....	56
3,122,104	2,753,623	14,903,510	804,679	55,900	3,060,252	42,169,606	3,003,988	84,033,941	38,860,347	36,807	18,201	9,923	1,088	.....	7,595	16,867	57
111,322	12,830	119,725	.....	13,076	26,675	818,899	24,303	1,332,401	489,199	461	250	.....	.....	.....	211	.....	58
22,130	5,319	67,684	.....	2,282	4,172	77,296	6,323	213,753	130,134	15	.....	.....	.....	.....	15	.....	59
20,000	2,702	25,110	.....	120	3,541	53,079	3,094	124,174	68,001	7	.....	.....	.....	.....	7	.....	60
2,130	2,617	42,574	.....	2,162	631	24,217	3,229	89,579	62,133	8	.....	.....	.....	.....	8	.....	61
188,020	114,559	501,630	.....	56,993	140,582	9,178,619	98,502	10,813,228	1,536,107	1,946	400	.....	133	.....	1,413	186	62

[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 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Cleansing and polishing preparations.	19	395	6	44	49	59	237	.....	.....	237	165	69	[2] 1	2	1,350,998
2	Cleaning preparations	7	86	3	10	16	8	49	Au 53	Ja [3] 46	51	33	16	.....	2	359,321
3	Polishing preparations	12	309	3	34	33	51	188	Se 212	Fe 153	186	132	53	1	.....	991,677
4	Clothing, men's	164	5,419	227	119	143	129	4,801	.....	.....	5,871	2,895	2,852	26	98	7,354,282
5	Regular factory products	38	2,118	25	100	138	111	1,744	.....	.....	2,130	872	1,153	19	86	6,593,920
6	Men's, youths', and boys'	22	1,242	19	59	74	75	1,015	De 1,299	Fe 810	1,299	700	574	11	14	4,156,027
7	All other	16	876	6	41	64	36	729	De 831	Mh 682	831	172	579	8	72	2,437,893
8	Contract work	126	3,301	202	19	5	18	3,057	.....	.....	3,741	2,023	1,699	7	12	760,362
9	Men's and youths'	107	2,710	176	11	2	17	2,504	De 2,949	Ja 1,848	3,014	1,724	1,274	7	9	608,292
10	Boys'	14	459	22	5	3	1	428	Jy 561	Mh 333	563	239	321	.....	3	129,065
11	All other	5	132	4	3	.....	.....	125	Oc [3] 164	Mh 89	164	60	104	.....	.....	23,005
12	Clothing, men's, buttonholes	3	7	3	.....	.....	.....	4	([4]) 4	([4]) 4	4	3	1	.....	.....	810
13	Clothing, women's	255	6,470	330	218	131	95	5,696	.....	.....	6,530	818	5,680	11	21	5,564,489
14	Regular factory products	113	3,529	133	142	127	75	3,052	.....	.....	3,341	450	2,866	8	17	4,698,202
15	Suits, skirts, and cloaks	22	410	33	15	21	13	328	Au 388	Ja 227	379	201	178	.....	.....	726,763
16	Shirt waists and dresses, except house dresses.	25	669	30	22	16	23	578	Au 630	Fe 506	631	56	575	.....	.....	934,238
17	Undergarments and petticoats.	30	1,403	34	50	43	24	1,252	Oc 1,324	Mh 1,097	1,324	113	1,197	8	6	1,754,255
18	Wrappers and house dresses	9	259	7	18	6	2	226	Oc 237	Fe 207	233	11	215	.....	7	131,574
19	All other	27	788	29	37	41	13	668	No 822	Fe 558	774	69	701	.....	4	1,151,372
20	Contract work	142	2,941	197	76	4	20	2,644	.....	.....	3,189	368	2,814	3	4	866,287
21	Suits, skirts, and cloaks	43	523	54	7	3	5	454	Au 516	Ap 395	539	182	356	.....	1	176,546
22	Shirt waists and dresses, except house dresses.	57	1,552	83	43	1	13	1,412	Se 1,613	Fe 1,113	1,633	97	1,531	3	2	506,879
23	Undergarments and petticoats.	17	327	21	10	.....	.....	296	Oc 419	Fe 208	409	58	351	.....	.....	78,544
24	Wrappers and house dresses	12	271	17	7	.....	.....	247	No 321	Je 207	313	15	298	.....	.....	61,268
25	All other	13	268	22	9	.....	2	235	No 298	Ap 184	295	16	278	.....	1	42,750
26	Coal-tar products	48	8,659	1	820	872	471	6,495	De 7,276	Fe 5,589	7,399	7,334	56	2	7	59,092,719
27	Coffee, roasting and grinding	17	1,169	8	59	720	190	192	Au 204	Mh 176	201	149	43	8	1	6,664,539
28	Coffins, burial cases, and undertakers' goods.	12	125	7	3	5	3	107	Fe 123	De 93	99	86	13	.....	.....	557,935
29	Condensed milk	6	95	2	7	4	5	77	Jy [3] 84	Ja [3] 70	78	77	1	.....	.....	684,669
30	Confectionery and ice cream	245	3,713	250	103	266	139	2,955	.....	.....	3,311	1,480	1,737	32	62	7,820,491
31	Confectionery	98	2,641	91	46	203	90	2,211	Oc 3,208	Ja 1,765	2,534	823	1,637	14	60	4,374,937
32	Ice cream	147	1,072	159	57	63	49	744	Jy 995	Ja 552	777	657	100	18	2	3,445,554
33	Cooperage	45	1,087	29	39	28	23	968	.....	.....	1,061	1,052	1	8	.....	4,603,442
34	Hogsheads and barrels	37	953	23	31	25	17	857	De 940	Ap 788	941	932	1	8	.....	4,284,561
35	All other	8	134	6	8	3	6	111	Ja 123	My 92	120	120	.....	.....	.....	408,881
36	Copper, tin, and sheet-iron work	151	1,234	153	89	30	32	921	De 1,018	Ja [3] 850	1,032	1,018	4	9	1	2,503,794
37	Cordage and twine	6	2,513	.....	61	102	16	2,334	De 2,414	Se 2,225	2,403	1,087	1,167	73	76	10,819,891
38	Cordials and flavoring sirups	7	62	5	13	7	5	32	Jy 36	Fe 27	34	24	10	.....	.....	241,859
39	Cork, cutting	6	609	3	20	29	25	532	Ja 615	No 481	551	503	45	2	1	3,116,458
40	Corsets	21	2,613	6	68	167	220	2,152	.....	.....	2,318	246	2,038	2	32	5,784,929
41	Corsets	9	1,277	2	38	56	110	1,071	Au 1,092	Mh 1,040	1,086	148	916	1	21	3,150,224
42	Corset waists and brassieres	12	1,336	4	30	111	110	1,081	De 1,227	Fe 949	1,232	98	1,122	1	11	2,634,705
43	Cotton goods	33	9,700	6	212	134	87	9,261	De 9,771	Fe 8,437	9,729	4,291	5,118	94	226	53,852,871
44	Cotton lace	6	237	3	15	16	1	202	Au 239	Fe 171	244	90	139	10	5	952,588
45	Cotton small wares	6	239	3	19	6	2	209	No 234	Ja [3] 183	226	60	163	2	1	486,095
46	Cutlery and edge tools	28	2,230	18	65	127	69	1,951	.....	.....	2,148	1,726	382	37	3	4,208,212
47	Scissors, shears, and clippers	14	1,047	14	31	50	37	915	No 1,010	Au 675	1,001	872	96	31	2	1,604,682
48	All other	14	1,183	4	34	77	32	1,036	De 1,215	Se 941	1,147	854	286	6	1	2,513,530
49	Dental goods	5	19	4	1	1	.....	13	([4]) 13	([4]) 13	13	11	2	.....	.....	42,115
50	Druggists' preparations	16	1,294	6	86	99	109	994	Ja 1,184	Je 872	997	526	416	10	45	3,400,974
51	Dyeing and finishing textiles, exclusive of that done in textile mills.	132	16,062	58	566	591	355	14,492	De 15,907	Se 13,156	15,687	11,900	3,435	176	176	47,239,046
52	Dyestuffs and extracts—natural	17	490	6	55	28	16	385	No 460	Ap [3] 332	454	439	8	7	.....	4,056,912
53	Electrical machinery, apparatus, and supplies.	105	32,603	24	1,463	2,653	2,328	26,135	Ja 28,285	Jy 24,299	27,684	18,452	8,905	207	120	114,813,488
54	Electroplating	27	128	36	1	2	2	87	No 102	Fe 71	99	86	10	3	.....	119,643
55	Engines, steam, gas, and water	15	4,932	4	155	2,310	71	2,392	Ja 5,057	No 1,287	2,622	2,609	11	2	.....	24,962,440
56	Engraving and diesinking	31	160	34	5	5	7	109	De 121	Je 101	121	105	10	6	.....	143,619
57	Engraving, steel and copper plate, including plate printing.	16	212	15	12	2	6	177	De 198	Ja 155	199	168	27	2	2	279,675
58	Fancy articles, not elsewhere specified	65	2,110	42	90	87	90	1,801	.....	.....	1,831	1,067	705	26	33	3,611,724
59	Celluloid novelties	12	446	3	23	21	24	375	Jy 426	Ja 308	386	212	162	2	10	521,922
60	Metal novelties	15	988	6	31	40	46	865	Mh 960	Oc 809	840	492	315	18	15	2,181,745
61	All other	38	676	33	36	26	20	561	Oc 622	Ja 517	605	363	228	6	8	908,057
62	Feathers and plumes	7	111	5	10	4	5	89	Se 112	Ja 65	68	22	46	.....	.....	797,047
63	Felt goods	6	331	.....	16	17	13	285	De 321	Ja 239	300	261	38	1	.....	1,510,621
64	Fertilizers	19	2,076	6	88	205	37	1,740	Mh 2,222	Au 1,465	1,663	1,644	19	.....	.....	20,052,967
65	Files	9	1,602	.....	52	47	64	1,439	De 1,559	Je 1,329	1,568	1,464	99	5	.....	4,607,081
66	Fireworks	16	251	12	10	8	2	219	De 263	Fe 184	273	154	115	3	1	825,909
67	Flavoring extracts	23	115	16	13	19	7	60	Jy 64	Fe [3] 57	61	38	23	.....	.....	417,503
68	Flour-mill and gristmill products	150	471	171	32	19	17	232	My 239	Jy 224	240	237	2	1	.....	3,024,290

[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.								
139,977	152,080	226,852	658	12,200	101,877	1,197,312	15,808	2,521,087	1,307,967	321	188	.....	.....	.....	133	103	1
27,580	43,369	36,053	.....	6,444	26,445	366,269	4,828	678,663	307,566	88	12	.....	.....	.....	76	.....	2
112,397	108,711	190,199	.....	5,756	75,432	831,043	10,980	1,812,424	1,000,401	233	176	.....	.....	.....	57	103	3
632,269	323,797	5,470,830	753,068	173,249	71,321	6,276,145	85,945	15,949,559	9,587,469	946	49	.....	43	.....	854	3	4
603,807	301,323	1,604,738	648,757	113,503	61,046	6,043,848	35,066	10,215,208	4,136,294	502	49	.....	8	.....	445	.....	5
480,143	131,599	1,090,964	635,537	91,669	38,889	3,875,719	21,763	6,759,520	2,862,038	156	.....	.....	.....	.....	156	.....	6
123,664	169,724	513,774	13,220	21,834	22,157	2,168,129	13,303	3,455,688	1,274,256	346	49	.....	8	.....	289	.....	7
78,462	22,474	3,866,092	104,311	59,746	10,275	232,297	50,879	5,734,351	5,451,175	444	.....	.....	35	.....	409	3	8
62,089	16,594	3,430,560	104,311	48,507	7,095	206,311	43,425	4,371,803	4,122,067	338	.....	.....	29	.....	309	3	9
8,134	5,880	288,495	.....	7,146	2,941	16,756	5,998	1,192,945	1,170,191	80	.....	.....	6	.....	74	.....	10
8,239	.....	147,037	.....	4,093	239	9,230	1,456	169,603	158,917	26	.....	.....	.....	.....	26	.....	11
.....	.....	4,204	.....	492	8	785	288	10,015	8,942	3	.....	.....	.....	.....	3	.....	12
423,296	462,188	4,417,131	340,263	176,044	120,222	9,221,638	94,655	17,900,421	8,584,128	1,393	150	.....	131	25	1,087	43	13
295,771	421,535	2,468,777	308,598	102,941	115,677	8,900,727	52,242	14,915,995	5,903,026	791	150	.....	106	25	510	43	14
25,466	76,423	502,751	75,210	14,252	1,934	1,558,246	6,116	2,512,653	948,291	68	.....	.....	.....	.....	68	.....	15
40,613	52,881	441,722	89,017	23,262	5,278	2,100,322	9,825	3,054,791	944,644	156	.....	.....	.....	25	131	.....	16
130,751	199,181	991,058	46,330	41,518	23,866	3,894,332	18,370	6,725,603	2,812,901	308	150	.....	28	.....	130	25	17
21,294	10,547	119,870	.....	1,302	1,567	101,011	4,152	274,121	168,958	48	.....	.....	15	.....	33	.....	18
77,647	82,503	413,376	97,141	22,607	83,032	1,246,816	13,779	2,348,827	1,088,232	211	.....	.....	63	.....	148	18	19
127,525	40,653	1,948,354	31,665	73,103	4,545	320,911	42,413	2,984,426	2,621,102	602	.....	.....	25	.....	577	.....	20
17,127	7,401	521,766	2,719	16,777	1,337	93,754	11,784	800,422	694,884	152	.....	.....	21	.....	131	.....	21
75,889	32,674	950,335	16,114	36,324	2,018	182,094	19,636	1,457,553	1,255,823	289	.....	.....	.....	.....	289	.....	22
13,900	.....	192,981	865	5,630	622	7,509	5,179	280,729	268,041	64	.....	.....	.....	.....	64	.....	23
8,955	.....	156,460	10,467	7,420	325	28,030	3,539	229,887	198,318	52	.....	.....	4	.....	48	.....	24
11,654	578	126,812	1,500	6,952	243	9,524	2,275	215,835	204,036	45	.....	.....	.....	.....	45	.....	25
2,796,262	1,848,202	10,812,866	235,025	493,347	1,113,444	22,783,812	1,477,061	44,740,496	20,479,623	26,977	8,093	10,080	32	.....	8,772	8,491	26
134,248	1,026,486	239,806	50	31,924	121,026	4,625,582	25,414	7,217,607	2,566,611	359	200	.....	.....	.....	159	79	27
6,000	11,288	124,806	.....	4,720	8,011	264,009	6,117	543,433	273,307	215	125	.....	28	.....	62	.....	28
15,137	10,448	98,525	.....	50	10,337	1,793,091	28,429	2,196,550	375,030	423	224	.....	.....	.....	199	5	29
437,999	570,908	2,294,250	5,229	200,211	420,783	9,879,369	297,560	16,898,953	6,722,024	4,280	1,234	110	661	.....	2,275	322	30
251,742	398,557	1,532,007	1,107	115,944	294,278	5,214,261	119,695	9,498,606	4,164,650	1,497	692	.....	115	.....	690	192	31
186,257	172,351	762,243	4,122	84,267	126,505	4,665,108	177,865	7,400,347	2,557,374	2,783	542	110	546	.....	1,585	130	32
143,702	63,087	1,300,602	103	44,682	225,529	6,263,293	32,540	8,626,571	2,330,738	1,466	1,211	.....	10	.....	245	166	33
110,740	52,859	1,142,440	103	36,060	208,662	5,628,194	28,671	7,591,698	1,934,833	1,297	1,106	.....	.....	.....	191	134	34
32,062	10,228	158,162	.....	7,722	16,867	635,099	3,869	1,034,873	395,905	169	105	.....	10	.....	54	32	35
245,439	92,173	1,235,434	22,476	48,871	34,945	2,103,631	28,986	4,711,084	2,578,467	836	.....	.....	153	.....	683	.....	36
441,197	215,581	1,794,974	.....	.....	538,968	9,610,371	178,949	14,540,263	4,750,943	6,376	4,717	625	.....	.....	1,034	2,328	37
63,702	15,908	45,177	.....	8,559	7,272	476,938	5,330	733,427	251,159	42	12	.....	.....	.....	30	.....	38
74,463	74,237	601,382	.....	8,415	142,897	1,719,774	139,475	3,259,262	1,400,013	2,317	240	.....	.....	.....	2,077	10	39
415,289	742,504	1,652,354	36,096	75,417	382,237	4,390,987	27,373	9,292,523	4,874,163	555	265	.....	67	10	213	200	40
224,492	287,396	837,720	31,467	51,716	75,232	2,328,784	13,550	4,315,049	1,972,715	253	165	.....	7	10	71	200	41
190,797	455,108	814,634	4,629	23,701	307,005	2,062,203	13,823	4,977,474	2,901,448	302	100	.....	60	.....	142	.....	42
894,775	290,706	8,115,852	18,990	14,601	1,906,511	39,856,021	756,292	58,705,655	18,093,342	22,373	12,352	4,687	111	710	4,513	9,333	43
51,602	44,980	211,470	39,928	2,345	30,542	409,116	10,616	998,722	578,990	149	.....	.....	15	.....	134	8	44
58,265	9,355	149,663	22,508	21,518	5,845	391,505	8,444	771,049	371,400	258	150	.....	65	.....	43	.....	45
367,320	322,977	2,086,414	2,353	25,906	200,276	1,197,581	146,816	5,598,041	4,253,644	2,672	1,120	.....	165	.....	1,387	63	46
150,404	172,358	1,040,092	2,353	6,890	148,927	365,896	77,932	2,479,161	2,035,333	924	610	.....	90	.....	224	.....	47
216,916	150,619	1,046,322	.....	19,016	51,349	831,685	68,884	3,118,880	2,218,311	1,748	510	.....	75	.....	1,163	63	48
2,350	780	15,242	3,198	972	1,475	52,035	1,654	98,853	45,164	54	.....	.....	.....	.....	54	.....	49
183,970	237,088	502,737	.....	4,669	74,282	3,012,482	78,662	5,334,918	2,243,774	1,436	565	.....	8	.....	863	314	50
3,145,522	1,206,251	14,931,758	598,713	125,875	2,363,181	41,712,221	2,509,779	79,305,174	35,083,174	28,703	22,069	3,294	226	50	3,064	12,548	51
314,940	103,775	497,624	.....	15,238	88,119	3,443,082	105,885	5,924,057	2,375,090	2,312	435	1,150	.....	.....	727	1,049	52
4,793,270	5,907,280	27,305,532	257,015	203,794	4,045,864	57,088,248	1,894,374	120,341,356	61,358,734	51,664	22,157	6,200	1,482	100	21,725	23,029	53
1,800	3,584	106,259	100	9,271	1,341	55,000	7,386	250,629	188,243	183	.....	.....	38	.....	145	.....	54
817,298	1,640,197	3,592,362	28,262	9,334	1,211,733	5,255,907	159,676	19,387,212	13,971,629	7,812	2,083	1,944	62	.....	3,723	3,079	55
7,620	7,714	142,572	6,164	10,003	628	56,556	2,834	357,135	297,745	68	20	.....	4	.....	44	.....	56
32,202	13,220	242,571	6,817	12,978	1,231	61,321	7,824	546,197	477,052	118	.....	.....	8	.....	110	.....	57
433,445	236,309	1,594,992	13,148	75,006	60,226	2,705,763	70,745	6,220,604	3,444,096	2,067	342	.....	176	.....	1,549	37	58
64,989	50,145	285,779	734	20,367	3,867	574,386	18,327	1,138,910	546,197	249	50	.....	.....	.....	199	37	59
259,703	133,287	718,427	1,094	31,389	48,900	1,469,732	26,887	3,231,351	1,734,732	1,409	117	.....	54	.....	1,238	.....	60
117,753	52,877	590,786	11,320	23,250	7,459	661,645	25,531	1,850,343	1,163,167	409	175	.....	122	.....	112	.....	61
26,277	7,660	82,007	.....	2,264	2,360	101,024	2,640	439,791	336,127	272	260	.....	3	.....	9	165	62
44,410	47,416	283,376	.....	11,100	46,135	1,071,403	41,176	1,950,300	837,721	754	645	.....	2	60	47	503	63
255,244	287,894	2,092,764	2,000	3,108	277,276	11,487,483	323,553	15,758,105	3,947,069	6,639	4,450	.....	395	.....	1,794	5,684	64
173,159	89,930	1,646,424	294	10,979	739,703	1,129,042	153,378	4,527,139	3,244,719	3,140	2,150	.....	20	.....	970	485	65
56,067	8,533	182,285	.....	1,002	8,643	436,177	11,119	823,987	376,691	221	180	.....	.....	.....	41	22	66
39,596	36,679	51,305	1,167	4,200	9,815	449,142	6,696	776,096	320,258	176	154	.....	7	.....	15	.....	67
52,609	32,508	210,895	2,205	18,024	25,663	4,992,500	43,188	6,040,151	1,004,463	,631	562	30	1,147	4,367	525	18	68

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

TABLE 42.—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	Food preparations, not elsewhere specified.	100	1,829	107	108	185	70	1,359	.....	.....	1,464	1,072	352	14	26	7,447,352
2	Macaroni, vermicelli, and noodles	60	593	74	34	62	23	400	Ja 449	My 350	452	305	116	11	20	1,971,096
3	Meat products, not elsewhere specified.	10	306	6	21	49	15	215	Ja 404	Ap 132	236	132	104	.....	.....	820,692
4	All other for human consumption.	20	724	19	30	58	9	608	My 687	Au 546	637	503	125	3	6	3,576,198
5	For animals and fowls	10	206	8	23	16	23	136	Ja 140	Jy 128	139	132	7	.....	.....	1,079,396
6	Foundry and machine-shop products	446	30,552	287	1,187	2,892	1,153	25,033	.....	.....	26,020	24,800	1,080	126	14	110,153,538
7	Boiler shops	13	2,569	8	27	509	173	1,852	Ja 2,798	Jy 1,515	1,704	1,700	4	.....	.....	26,586,982
8	Foundries	59	4,313	35	145	182	65	3,886	De 4,164	My 3,715	4,163	4,107	46	3	7	9,024,637
9	Machine shops	353	20,605	234	885	1,976	827	16,683	Ap 17,130	Jy 16,080	17,244	16,159	956	122	7	72,487,318
10	Machine shop and foundry combined.	21	3,065	10	130	225	88	2,612	Ja 2,926	Mh 2,419	2,909	2,834	74	1	.....	10,454,601
11	Fur goods	27	157	27	7	6	8	109	No 149	Ap 91	141	65	72	.....	4	460,383
12	Furnishing goods, men's	29	3,086	33	63	63	86	2,841	.....	.....	3,104	309	2,640	18	137	6,197,003
13	Neckwear	5	73	5	1	5	1	61	No 76	Ap 51	67	6	61	.....	.....	23,909
14	All other	24	3,013	28	62	58	85	2,780	No 3,137	Mh 1,788	3,037	303	2,579	18	137	6,173,094
15	Furniture	78	2,579	66	113	152	112	2,136	.....	.....	2,419	2,365	46	8	.....	9,446,814
16	Wood, other than rattan and willow.	37	765	34	26	6	28	671	No 742	Ja 587	736	710	26	.....	.....	2,313,275
17	Rattan and willow	12	234	10	6	6	4	208	Je 240	No 168	243	221	15	7	.....	366,316
18	Metal	12	1,088	3	51	100	65	869	De 1,047	Ap 718	1,033	1,027	5	1	.....	5,379,393
19	Store and office fixtures	17	492	19	30	40	15	388	Se [3] 410	Ja 339	407	407	.....	.....	.....	1,387,830
20	Furs, dressed	18	1,611	10	46	19	15	1,551	Se 1,714	De 1,322	1,710	1,389	312	6	3	2,322,547
21	Galvanizing	3	95	.....	6	3	2	84	Fe 107	No 62	62	60	2	.....	.....	222,275
22	Gas and electric fixtures	12	2,136	10	64	150	149	1,763	.....	.....	1,914	909	887	45	73	12,717,231
23	Electric fixtures	5	86	5	9	10	4	58	De 81	Ja 39	81	80	1	.....	.....	188,870
24	All other	7	2,050	5	55	140	145	1,705	De 1,833	Ja 1,625	1,833	829	886	45	73	12,528,352
25	Gas, illuminating and heating	38	3,859	.....	188	1,219	369	2,083	Ja 2,303	Ap 1,924	2,073	2,065	8	.....	.....	105,766,467
26	Gas machines and gas and water meters.	6	325	.....	21	45	24	235	Je 257	Oc 165	235	215	20	.....	.....	1,229,400
27	Glass	21	6,493	5	136	264	146	5,942	De 6,811	Au 4,488	6,966	5,997	882	75	12	12,508,430
28	Glass, cutting, staining, and ornamenting.	45	760	33	49	17	27	634	Au 696	Ja 490	709	512	161	23	13	1,145,805
29	Gold, leaf and foil	17	170	21	6	.....	.....	143	De 164	Ja 133	164	82	81	1	.....	140,836
30	Gold and silver, reducing and refining, not from the ore.	14	437	9	33	66	17	312	De 343	Mh 297	352	315	37	.....	.....	4,669,576
31	Grease and tallow, not including lubricating greases.	67	410	68	27	6	10	299	.....	.....	292	289	2	1	.....	1,871,130
32	Soap stock	54	276	58	14	3	6	195	Au 221	Je 177	185	183	1	1	.....	1,121,472
33	All other	13	134	10	13	3	4	104	Jy [3] 111	Fe 95	107	106	1	.....	.....	749,658
34	Hair work	5	31	4	1	.....	.....	26	Se [3] 28	Au 22	28	1	27	.....	.....	25,352
35	Hand stamps	4	17	4	.....	2	2	9	(4) 9	(4) 9	9	9	.....	.....	.....	14,425
36	Hardware	27	1,627	21	53	55	64	1,434	.....	.....	1,480	1,159	280	29	12	4,243,906
37	Locks	5	97	6	5	5	3	78	No [3] 83	Fe [3] 73	82	71	11	.....	.....	171,927
38	Builders' and vehicle hardware	10	202	8	8	11	5	170	No 183	Ap 162	179	160	14	5	.....	386,590
39	All other	12	1,328	7	40	39	56	1,186	De 1,231	Ja 1,155	1,219	928	255	24	12	3,685,389
40	Hardware, saddlery	7	155	6	11	3	4	131	Ja 146	My [3] 126	133	130	2	1	.....	607,470
41	Hat and cap materials	9	508	8	16	8	5	471	Au 535	Ja 396	494	249	243	1	1	4,560,860
42	Hats and caps, other than felt, straw, and wool.	21	333	22	9	10	4	288	Ja 311	Se [3] 272	276	114	162	.....	.....	413,663
43	Hats, fur-felt	31	3,596	25	130	103	35	3,303	No 3,588	My 3,026	3,599	2,768	825	6	.....	9,428,583
44	Hats, wool-felt	3	9	2	.....	.....	.....	7	Se [3] 14	Ja [3] 2	14	7	7	.....	.....	17,709
45	House-furnishing goods, not elsewhere specified.	16	370	7	25	32	22	284	.....	.....	310	188	116	2	4	1,631,947
46	Comforts and quilts	3	13	2	1	2	1	7	Au [3] 8	Fe [3] 6	8	5	3	.....	.....	54,019
47	Mops and dusters	3	35	1	4	2	6	22	No [3] 25	Ja [3] 17	26	22	3	1	.....	69,552
48	All other	10	322	4	20	28	15	255	Je 299	Fe [3] 215	276	161	110	1	4	1,408,376
49	Ice, manufactured	75	1,033	28	116	32	19	838	Au 1,123	Fe 572	961	933	3	25	.....	6,335,620
50	Ink, printing	9	508	2	32	102	35	337	No 366	Mh 315	365	364	1	.....	.....	2,366,819
51	Instruments, professional and scientific.	19	1,854	8	46	82	76	1,642	.....	.....	1,548	1,263	233	29	23	4,681,630
52	Medical and surgical	8	721	2	21	49	44	605	My 640	No 562	565	393	125	26	21	1,264,519
53	All other	11	1,127	6	25	33	32	1,037	My [3] 1,081	De 984	983	870	108	3	2	3,317,111
54	Iron and steel, blast furnaces	3	534	.....	16	18	13	487	Ja 763	Oc 352	395	393	2	.....	.....	6,227,356
55	Iron and steel, steel works and rolling mills.	16	17,142	1	238	2,265	827	13,811	Ja 14,473	Jy 13,351	13,894	13,473	411	10	.....	97,516,778
56	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	7	474	2	16	32	20	404	Ja 457	No 358	428	334	86	7	1	1,967,372
57	Iron and steel, cast-iron pipe	8	2,248	.....	97	84	32	2,035	De 2,372	Mh 1,602	2,372	2,368	3	1	.....	8,637,290
58	Iron and steel, forgings, not made in steel works or rolling mills.	16	942	8	48	36	23	827	Ja 1,053	Jy 732	816	814	.....	2	.....	3,670,447
59	Iron and steel, tempering and welding	13	54	11	10	5	1	27	.....	.....	31	31	.....	.....	.....	137,618
60	Treated iron and steel	3	14	3	4	2	.....	5	(4) 5	(4) 5	5	5	.....	.....	.....	64,592
61	Welding	10	40	8	6	3	1	22	De 26	Mh 18	26	26	.....	.....	.....	73,026
62	Iron and steel, wrought pipe	5	930	.....	77	76	38	739	Se 842	My 657	735	720	15	.....	.....	3,849,950
63	Ivory, shell, and bone work, not including combs and hairpins.	8	202	8	7	7	21	159	Au 176	Ja 126	173	145	22	2	4	275,273
64	Japanning	7	27	8	.....	.....	.....	19	De 24	Ja [3] 15	24	19	3	2	.....	21,450
65	Jewelry	174	4,268	164	289	281	300	3,234	De 3,524	Ja 2,734	3,525	2,653	817	37	18	21,701,839
66	Jewelry and instrument cases	14	142	15	4	.....	1	122	Au 134	Ja 107	130	89	37	2	2	188,968

[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.								
349,583	331,767	1,305,430	1,385	62,068	183,517	29,089,024	373,712	33,612,181	4,149,445	5,361	2,676	900	427	50	1,308	1,435	1
111,941	121,031	353,892	.....	18,770	49,828	2,419,124	71,709	3,792,830	1,301,997	1,032	790	150	384	.....	308	1,050	2
69,826	82,121	174,129	.....	9,260	20,176	2,546,976	14,903	3,408,922	847,043	370	130	.....	.....	.....	240	.....	3
108,237	86,992	636,377	1,385	27,151	102,555	23,407,817	251,326	25,155,106	1,495,963	2,689	1,166	750	43	50	680	385	4
59,580	41,623	141,032	.....	6,887	10,958	715,107	35,774	1,255,323	504,442	670	590	.....	.....	.....	80	.....	5
4,819,756	5,404,500	31,949,781	140,350	286,802	4,038,725	57,189,787	2,204,718	128,534,115	69,139,610	51,857	22,540	11,899	3,438	295	13,685	36,404	6
244,903	1,216,522	2,808,237	.....	8,076	265,840	15,509,004	329,358	22,216,641	6,378,279	6,630	4,110	2,233	5	.....	282	10,072	7
601,951	258,780	5,234,752	3,735	55,190	255,221	4,733,853	430,233	13,288,357	8,124,271	7,764	3,459	423	521	.....	3,361	2,162	8
3,358,838	3,642,215	20,647,371	136,615	206,536	3,388,202	32,975,574	1,257,174	83,119,322	48,886,574	31,055	11,786	8,593	2,097	200	8,379	21,437	9
536,064	376,983	3,259,421	.....	17,000	129,462	3,971,356	187,953	9,909,795	5,750,486	6,408	3,185	650	815	95	1,663	2,733	10
18,903	15,453	142,767	2,514	18,515	7,798	323,638	4,563	653,209	325,008	45	.....	.....	10	.....	35	.....	11
221,435	289,766	1,646,722	213,816	33,379	197,521	4,931,122	34,743	9,262,744	4,296,879	1,038	695	.....	38	.....	305	607	12
9,648	3,650	43,312	22,011	3,275	64	75,534	1,780	176,922	99,608	24	.....	.....	.....	.....	24	.....	13
211,787	286,116	1,603,410	191,805	30,104	197,457	4,855,588	32,963	9,085,822	4,197,271	1,014	695	.....	38	.....	281	607	14
551,013	416,838	2,690,997	13,075	60,689	232,791	5,142,528	113,913	10,750,870	5,494,429	3,344	1,825	150	119	105	1,145	1,602	15
147,398	128,291	799,873	12,596	25,886	85,889	1,582,373	36,331	3,392,244	1,773,540	1,723	1,215	150	84	80	194	1,378	16
34,396	20,972	265,485	.....	11,519	29,840	289,400	3,336	912,591	619,855	41	.....	.....	4	.....	37	.....	17
277,636	191,061	1,156,455	.....	15,747	83,769	2,238,907	54,096	4,518,767	2,225,764	1,303	525	.....	14	.....	764	172	18
91,583	76,514	469,184	479	7,537	33,293	1,031,848	20,150	1,927,268	875,270	277	85	.....	17	25	150	52	19
278,071	57,626	2,134,248	39,014	37,177	62,626	1,049,422	106,848	5,113,135	3,956,865	1,297	205	.....	.....	.....	1,092	.....	20
36,330	6,702	90,974	.....	360	4,982	112,915	8,019	308,384	187,450	60	.....	.....	.....	.....	60	.....	21
188,668	195,550	1,307,397	.....	62,991	185,393	3,934,651	111,481	6,592,918	2,546,786	1,303	1,235	.....	24	.....	44	1,135	22
18,933	10,890	65,241	.....	4,260	912	135,134	3,515	289,074	150,425	82	60	.....	10	.....	12	.....	23
169,735	184,660	1,242,156	.....	58,731	184,481	3,799,517	107,966	6,303,844	2,396,361	1,221	1,175	.....	14	.....	32	1,135	24
375,623	1,081,607	2,374,544	776	830	272,595	2,428,382	4,946,315	20,317,305	12,942,608	14,757	11,133	1,841	1,774	1	8	390	25
89,888	87,368	247,828	.....	2,580	20,727	388,452	48,616	1,464,796	1,027,728	932	90	.....	43	.....	799	.....	26
558,824	630,941	6,006,747	1,345	725	587,975	3,141,992	1,303,226	13,694,677	9,249,459	4,684	1,744	.....	1,230	.....	1,710	2,039	27
97,924	65,764	596,383	2,687	12,699	41,367	801,472	26,378	1,907,117	1,079,267	471	100	.....	73	.....	298	10	28
16,300	.....	128,795	8,051	1,246	5,916	189,963	4,404	448,856	254,489	59	15	.....	7	.....	37	.....	29
157,205	113,666	380,904	71,425	7,006	185,238	16,462,520	83,534	18,390,663	1,844,609	1,697	960	62	44	.....	631	162	30
139,240	13,870	389,674	.....	7,529	13,100	4,282,778	133,041	5,401,982	986,163	1,156	1,126	.....	.....	.....	30	210	31
35,802	7,916	244,579	.....	5,325	6,816	422,361	103,195	1,051,710	526,154	581	571	.....	.....	.....	10	60	32
103,438	5,954	145,095	.....	2,204	6,284	3,860,417	29,846	4,350,272	460,009	575	555	.....	.....	.....	20	150	33
2,080	.....	18,171	.....	1,056	333	9,639	176	37,973	28,158	.....	.....	.....	.....	.....	.....	.....	34
.....	3,780	7,676	4,080	1,536	44	7,800	230	32,488	24,458	4	.....	.....	.....	.....	4	.....	35
209,910	169,878	1,427,830	2,068	22,323	158,977	2,157,977	81,707	5,300,477	3,060,793	2,147	1,638	50	98	.....	361	630	36
14,276	10,008	84,582	.....	6,624	3,672	139,526	7,931	304,170	156,713	102	35	.....	15	.....	52	.....	37
18,669	16,179	173,403	.....	3,980	6,794	191,348	23,335	487,964	273,281	365	173	.....	30	.....	162	.....	38
176,965	143,691	1,169,845	2,068	11,719	148,511	1,827,103	50,441	4,508,343	2,630,799	1,680	1,430	50	53	.....	147	630	39
86,518	7,927	149,161	.....	2,930	155,362	138,630	11,038	662,146	512,478	329	170	.....	140	.....	19	10	40
77,694	22,006	456,813	.....	2,151	104,869	2,072,004	28,432	3,684,271	1,583,835	938	820	.....	.....	45	73	70	41
33,192	33,868	303,195	3,400	17,021	4,561	621,597	6,185	1,126,617	498,835	45	12	.....	4	.....	29	.....	42
498,096	407,921	4,263,918	600	41,116	396,218	7,997,198	237,968	16,625,357	8,390,191	4,447	3,058	.....	.....	.....	1,389	93	43
.....	.....	6,100	.....	576	109	13,490	430	26,702	12,782	4	.....	.....	.....	.....	4	.....	44
80,770	83,776	286,562	956	4,528	22,668	1,976,454	18,060	2,916,240	921,726	457	400	.....	5	.....	52	404	45
966	6,753	8,600	.....	864	722	74,785	514	136,744	61,445	4	.....	.....	.....	.....	4	.....	46
13,200	6,031	18,461	150	240	3,172	89,245	716	148,066	58,105	12	.....	.....	5	.....	7	.....	47
66,604	70,992	259,501	806	3,424	18,774	1,812,424	16,830	2,631,430	802,176	441	400	.....	.....	.....	41	404	48
245,141	48,955	1,032,529	5,870	2,300	196,270	440,000	903,241	4,550,965	3,207,724	14,454	12,145	790	679	90	750	722	49
168,214	186,774	450,136	.....	6,200	50,239	1,295,672	31,851	2,499,462	1,171,939	1,171	855	.....	.....	.....	316	463	50
187,905	280,304	1,788,594	.....	23,292	77,743	1,429,351	51,907	4,396,511	2,915,253	1,400	1,179	.....	11	25	185	300	51
196,666	178,519	533,659	.....	5,505	33,568	635,151	12,959	1,752,600	1,104,490	301	245	.....	11	25	20	.....	52
81,239	101,785	1,254,935	.....	17,787	44,175	794,200	38,948	2,643,911	1,810,763	1,099	934	.....	.....	.....	165	300	53
81,549	41,979	653,049	.....	.....	110,875	1,518,493	1,229,118	3,858,352	1,110,741	12,958	10,960	1,970	.....	.....	28	300	54
1,311,324	2,515,915	17,085,061	325,319	5,690	2,067,984	30,404,200	3,922,605	74,382,205	40,055,400	81,600	46,248	16,197	20	510	18,625	22,913	55
55,593	77,001	479,098	.....	870	25,779	1,079,658	46,587	2,157,493	1,031,248	800	375	.....	50	.....	375	357	56
238,403	171,945	2,655,154	.....	.....	101,546	4,259,465	477,688	9,029,796	4,202,643	3,714	2,447	750	.....	.....	517	4,637	57
294,815	108,518	1,246,330	.....	4,375	409,283	2,683,786	392,224	5,603,377	2,527,367	3,338	1,129	.....	65	.....	2,144	400	58
16,065	7,190	40,953	1,200	5,900	3,741	35,136	7,359	146,219	103,724	82	15	.....	27	.....	40	.....	59
5,500	3,878	7,611	.....	1,020	2,452	562	4,367	27,044	22,115	45	15	.....	20	.....	10	.....	60
10,565	3,312	33,342	1,200	4,880	1,289	34,574	2,992	119,175	81,609	37	.....	.....	7	.....	30	.....	61
372,413	103,482	1,149,657	1,284	6,500	578,470	2,736,427	154,648	5,390,702	2,499,627	2,473	975	.....	30	.....	1,468	333	62
29,242	48,913	179,519	.....	5,759	1,290	337,984	4,820	779,183	436,379	189	135	.....	39	.....	15	.....	63
.....	.....	18,302	.....	884	205	9,379	1,972	40,767	29,416	8	.....	.....	.....	.....	8	.....	64
1,341,637	1,064,363	4,418,552	261,549	147,473	395,219	14,570,643	86,872	27,889,565	13,232,050	1,648	310	.....	162	.....	1,176	386	65
19,000	2,000	114,590	3,732	5,623	2,422	168,924	2,807	402,571	230,840	63	.....	.....	26	.....	37	.....	66

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

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	Industry and city.	Number of establishments	Persons engaged in the industry. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.	Number, 15th day of— Minimum month.	Wage earners Dec. 15, or nearest representative day. Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
																Dollars.
1	Jute goods	3	729	.....	16	7	6	700	No 773	Fe 613	761	310	421	15	15	2,651,034
2	Knit goods	90	5,202	73	153	69	54	4,853	No 5,184	Ja 4,545	5,164	1,190	3,706	30	238	12,757,149
3	Lamps	5	178	5	16	12	5	140	De 162	My [3] 121	140	97	41	1	1	553,795
4	Leather goods, not elsewhere specified	28	1,055	25	43	42	15	930	De 1,007	Je 861	1,009	539	392	34	44	1,853,145
5	Leather, tanned, curried, and finished	73	6,012	31	277	132	73	5,499	Se 5,920	Ja 4,856	5,907	5,279	624	4	.....	55,771,911
6	Lime	5	21	8	.....	1	.....	12	Ap 16	Fe 7	16	16	.....	.....	.....	41,965
7	Liquors, malt	20	2,225	2	160	261	22	1,780	Au 1,902	Mh 1,690	1,696	1,693	3	.....	.....	36,335,759
8	Liquors, vinous	9	35	8	5	2	1	19	Mh 33	No [3] 11	20	20	.....	.....	.....	381,031
9	Lithographing	6	186	1	9	1	2	173	No 189	Ja 148	189	164	23	2	.....	276,339
10	Looking-glass and picture frames	13	24	13	1	1	.....	9	Mh [3] 10	Au [3] 7	11	10	.....	1	.....	80,080
11	Lumber and timber products	164	1,197	189	25	15	10	958	De 1,122	Ja 875	1,241	1,149	76	6	10	2,201,247
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	168	2,416	129	165	99	73	1,950	No 2,147	Fe 1,665	2,151	2,119	27	2	3	8,484,086
13	Machine tools	14	2,186	4	113	255	136	1,678	De 1,850	Je 1,531	1,844	1,844	.....	.....	.....	7,343,687
14	Marble and stone work	114	874	130	62	34	12	636	.....	.....	747	747	.....	.....	.....	2,753,046
15	Monuments and tombstones	84	329	101	25	14	8	181	Oc 195	Fe 149	190	190	.....	.....	.....	1,022,863
16	Other marble and stone work, except slate	27	522	26	35	15	4	442	De 598	Ja 298	545	545	.....	.....	.....	1,650,916
17	Slate products, other than roofing slate.	3	23	3	2	5	.....	13	Ja 19	Je 10	12	12	.....	.....	.....	79,267
18	Mattresses and spring beds, not elsewhere specified.	35	348	33	28	15	13	259	Jy 294	Ja 212	260	198	54	8	.....	1,212,876
19	Millinery and lace goods, not elsewhere specified.	510	7,319	550	262	171	82	6,254	.....	.....	6,772	1,246	5,340	28	158	15,200,777
20	Embroideries	451	4,838	505	186	107	45	3,995	De 4,252	Fe 3,676	4,318	1,038	3,192	24	64	9,320,448
21	Trimmed hats, hat frames, dress and cloak trimmings, braids, and fringes.	14	340	15	16	5	1	303	De 380	Mh 169	382	27	343	3	9	111,569
22	Women's neckwear	7	181	3	10	9	7	152	Ja 191	Ap 128	139	8	126	1	4	278,199
23	All other	38	1,960	27	50	50	29	1,804	No 1,976	Mh 1,437	1,933	173	1,679	....	81	5,490,561
24	Mineral and soda waters	179	729	187	48	22	13	459	.....	.....	441	430	6	5	.....	1,993,294
25	Mineral and carbonated waters	173	717	181	48	22	13	453	Jy 562	Ja 377	431	420	6	5	.....	1,974,239
26	All other	6	12	6	.....	.....	.....	6	Se 10	Ja [3] 2	10	10	.....	.....	.....	19,055
27	Minerals and earths, ground or otherwise treated.	17	505	7	40	17	11	430	Ja 489	Mh 370	454	453	.....	1	.....	2,643,248
28	Mirrors, framed and unframed, not elsewhere specified.	8	100	6	10	1	1	82	Se 91	Ja 66	75	55	16	4	.....	248,269
29	Models and patterns, not including paper patterns.	46	575	49	33	16	14	463	De 542	Ja 367	544	539	3	2	.....	882,082
30	Musical instruments and materials, not elsewhere specified.	8	322	4	12	6	9	291	Oc 390	Ja 257	297	160	115	12	10	681,088
31	Musical instruments, pianos	6	813	1	19	62	18	713	Je 826	No 544	777	619	158	.....	.....	1,903,371
32	Musical instruments, piano materials.	11	896	4	39	42	53	758	No 805	Ja 684	766	430	330	6	.....	1,357,785
33	Needles, pins, and hooks and eyes	10	463	5	14	11	15	418	Ja 504	My 361	428	194	210	5	19	1,044,413
34	Oil, essential	4	192	.....	13	15	7	157	De 184	Mh 138	184	161	20	3	.....	4,466,823
35	Oil, not elsewhere specified	30	1,823	2	123	301	152	1,245	.....	.....	1,270	1,166	104	.....	.....	19,533,014
36	Vegetable oils	4	657	.....	31	40	21	565	Se 617	Ja 512	569	507	62	.....	.....	8,105,380
37	Animal oils	5	142	.....	9	22	13	98	De 102	Ja 90	102	102	.....	.....	.....	1,350,769
38	Mineral and composite oils	21	1,024	2	83	239	118	582	Ja 614	My 563	599	557	42	.....	.....	10,076,865
39	Oilcloth and linoleum, floor	10	2,419	1	71	143	68	2,136	De 2,660	Ja [3] 1,544	2,660	2,573	66	21	.....	21,287,275
40	Oilcloth, enameled	4	320	4	24	25	10	257	De 318	Ja 219	318	313	3	2	.....	2,832,477
41	Oleomargarine and other butter substitutes.	5	527	.....	23	73	22	409	Fe 463	Mh 364	434	312	122	.....	.....	2,181,770
42	Optical goods	18	308	12	23	9	10	254	De 268	Ja 241	268	139	123	5	1	442,005
43	Paints	33	1,881	10	143	241	155	1,332	No 1,446	Ap 1,230	1,429	1,339	86	2	2	15,175,523
44	Paper and wood pulp	33	3,492	7	160	133	84	3,108	Oc 3,406	Ap 2,799	3,326	3,026	242	44	14	20,886,508
45	Paper goods, not elsewhere specified	29	1,285	18	71	88	72	1,036	De 1,129	My 957	1,139	773	348	7	11	6,675,439
46	Patent medicines and compounds	81	1,487	38	117	185	126	1,021	.....	.....	1,102	609	407	27	59	10,097,400
47	Patent and proprietary medicines	43	1,082	27	56	123	76	800	Mh 864	Jy 696	861	396	379	27	59	7,350,537
48	Patent and proprietary compounds, not elsewhere specified.	38	405	11	61	62	50	221	Oc [3] 234	Jy 206	241	213	28	.....	.....	2,746,863
49	Paving materials	46	1,390	19	72	89	10	1,200	Se 1,437	Fe 804	1,352	1,351	1	.....	.....	6,289,128
50	Pencils, lead	5	3,276	.....	22	261	151	2,842	Fe 2,905	Oc 2,747	2,770	1,135	1,459	29	147	14,787,404
51	Pens, fountain and stylographic	4	52	7	.....	5	1	39	Mh 45	Au [3] 36	39	34	[illegible]	1	.....	100,518
52	Perfumery and cosmetics	15	513	3	35	35	35	405	No 448	Fe 376	418	167	249	2	.....	3,563,388
53	Petroleum, refining	9	11,991	.....	458	1,070	285	10,178	Oc 11,301	Mh 9,025	10,757	10,575	153	29	.....	203,292,144
54	Phonographs and graphophones	15	13,663	.....	201	568	628	12,266	No 14,121	Ja 9,880	14,041	11,235	2,800	6	.....	44,615,918
55	Photo-engraving	9	216	7	14	10	14	171	Je [3] 176	Fe 161	174	134	38	.....	2	261,587
56	Photographic materials	18	1,182	1	59	131	39	952	.....	.....	1,153	827	323	3	.....	3,768,598
57	Motion-picture projection films	10	877	.....	41	123	30	683	De 888	Ja 463	888	658	227	3	.....	2,787,634
58	All other	8	305	1	18	8	9	269	Je 279	Ja 258	265	169	96	.....	.....	980,964
59	Pickles, preserves, and sauces	41	660	30	46	28	22	534	.....	.....	557	306	232	5	14	3,210,526
60	Preserves	7	257	1	20	8	6	222	Je 278	Ap 162	190	96	90	1	3	1,035,704
61	Pickles and sauces	34	403	29	26	20	16	312	Se 595	Ap 194	367	210	142	4	11	2,174,822
62	Plumbers' supplies, not elsewhere specified.	6	1,193	.....	22	67	28	1,076	Ja 1,386	My 972	1,169	1,122	46	1	.....	10,535,836
63	Pottery	53	6,400	16	293	228	146	5,717	.....	.....	6,797	5,326	1,327	91	53	16,491,586
64	Chinaware	47	6,258	12	281	220	145	5,600	De 6,643	Mh 4,826	6,676	5,277	1,255	91	53	16,057,474
65	All other	6	142	4	12	8	1	117	Mh 132	Ja 93	121	49	72	.....	.....	434,112

[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]		
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
100,280	20,619	589,684	.....	.....	214,335	1,393,656	39,407	2,902,057	1,468,994	2,400	2,375	.....	.....	.....	25	60	1
654,073	267,669	4,476,305	261,371	66,415	664,445	15,219,580	130,318	23,853,075	8,503,177	3,016	1,260	125	16	80	1,535	1,027	2
47,043	22,855	146,464	.....	4,367	8,079	102,968	12,167	493,436	378,301	267	150	.....	.....	.....	117	.....	3
171,623	132,954	913,172	5,673	14,199	48,631	1,641,648	16,764	3,572,545	1,914,133	416	250	.....	65	.....	101	150	4
1,681,744	424,921	7,296,535	449,744	166,436	1,333,730	51,835,463	751,058	78,012,101	25,425,580	13,239	6,235	283	.....	.....	6,721	4,493	5
.....	1,020	11,097	.....	100	694	1,747	7,912	26,682	17,023	65	40	.....	.....	.....	25	.....	6
982,989	557,999	2,623,527	.....	50,218	8,670,523	4,932,088	599,709	26,148,011	20,616,214	13,636	12,858	200	.....	.....	578	2,795	7
20,500	6,807	22,426	.....	480	36,743	58,840	926	265,632	205,866	48	40	.....	.....	.....	8	10	8
18,649	3,506	175,360	9,312	5,230	1,390	170,180	5,128	522,304	340,996	134	.....	.....	.....	.....	134	.....	9
900	1,200	8,828	397	4,611	1,166	17,715	657	53,881	35,509	1	.....	.....	.....	.....	1	.....	10
68,313	37,879	940,638	42,903	3,779	42,491	840,119	30,373	2,487,712	1,617,220	5,954	4,687	200	629	314	124	1,236	11
535,947	175,567	2,160,981	46,944	68,883	201,090	6,082,752	176,432	10,758,566	4,499,382	9,345	4,733	725	544	6	3,337	2,109	12
349,188	586,792	1,519,552	4,309	3,742	936,220	2,345,341	75,241	6,767,671	4,347,089	3,984	1,365	2,200	25	.....	394	4,122	13
170,645	60,651	898,008	63,668	19,921	30,261	1,054,609	41,385	2,939,900	1,843,906	2,480	1,119	.....	312	.....	1,049	510	14
64,696	26,575	259,385	5,011	9,141	10,097	607,804	16,597	1,286,147	661,746	693	19	.....	270	.....	404	.....	15
101,629	29,700	622,989	58,657	8,860	19,911	416,317	24,195	1,581,380	1,140,868	1,760	1,100	.....	20	.....	640	510	16
4,320	4,376	15,634	.....	1,920	253	30,488	593	72,373	41,292	27	.....	.....	22	.....	5	.....	17
80,465	36,311	307,579	.....	9,545	16,455	1,122,128	12,882	1,874,836	739,826	526	250	.....	20	.....	256	.....	18
856,467	382,052	5,319,561	1,773,882	234,882	164,971	11,417,553	195,296	24,506,009	12,893,160	2,371	610	.....	81	135	1,545	112	19
508,295	230,434	3,790,344	1,030,819	182,810	71,386	5,788,283	153,790	14,867,104	8,925,031	1,528	120	.....	81	40	1,287	57	20
28,574	2,986	196,864	3,520	11,481	627	177,249	4,166	464,257	282,842	68	.....	.....	.....	25	43	.....	21
42,427	27,547	102,991	172,457	5,736	2,986	203,611	3,200	648,879	442,068	27	.....	.....	.....	.....	27	.....	22
307,171	121,085	1,229,362	567,086	34,855	89,972	5,248,410	34,140	8,525,769	3,243,219	748	490	.....	.....	70	188	55	23
80,091	36,038	501,690	1,700	37,658	63,694	1,386,841	37,141	2,762,982	1,339,000	791	134	.....	64	2	591	3	24
80,091	36,038	491,887	1,700	31,984	63,293	1,375,337	36,044	2,714,566	1,303,185	748	109	.....	64	2	573	3	25
.....	.....	9,803	.....	5,674	401	11,504	1,097	48,416	35,815	43	25	.....	.....	.....	18	.....	26
181,765	37,250	549,645	3,058	11,690	114,069	1,035,538	128,785	2,428,190	1,263,867	4,298	2,897	750	83	220	348	827	27
29,191	1,400	75,806	534	2,940	2,704	156,796	7,882	306,657	141,979	119	25	.....	17	.....	77	.....	28
121,351	48,692	614,444	19,214	17,999	9,644	399,510	20,756	1,420,642	1,000,376	607	8	.....	59	.....	540	.....	29
44,597	19,236	263,851	1,429	4,422	36,767	408,977	12,850	987,216	565,389	317	45	.....	13	5	254	.....	30
54,304	102,980	723,249	.....	21,208	34,945	1,142,084	40,790	2,205,253	1,022,379	1,440	1,305	.....	.....	.....	135	875	31
195,505	82,453	629,329	.....	13,108	151,786	850,097	22,829	2,822,142	1,949,216	755	585	.....	6	5	159	157	32
48,288	26,921	350,530	47,069	6,981	16,604	460,435	19,847	1,203,961	723,679	571	216	268	.....	.....	87	480	33
42,684	38,631	214,214	.....	16,000	87,361	2,183,691	44,439	3,088,225	860,095	411	406	.....	.....	.....	5	340	34
616,870	817,759	1,374,452	.....	34,421	583,294	21,938,959	380,045	30,834,636	8,515,632	2,039	1,583	.....	5	.....	451	684	35
95,827	77,401	571,517	.....	3,775	183,559	11,196,032	214,056	15,807,311	4,397,223	817	695	.....	.....	.....	122	583	36
58,638	58,175	136,289	.....	1,260	10,985	2,156,433	27,601	2,508,330	324,296	230	87	.....	.....	.....	143	.....	37
462,405	682,183	666,646	.....	29,386	388,750	8,586,494	138,388	12,518,995	3,794,113	992	801	.....	5	.....	186	101	38
400,951	285,178	2,655,789	8,298	.....	1,224,144	12,244,798	539,193	21,688,734	8,904,743	8,844	5,480	1,300	.....	.....	2,064	3,108	39
61,229	28,138	287,132	.....	.....	125,005	2,467,203	43,683	3,846,005	1,335,119	860	160	75	.....	.....	625	200	40
87,727	130,905	401,626	14,465	17,743	134,466	6,554,080	52,277	9,058,774	2,452,417	1,095	626	.....	.....	.....	469	245	41
60,680	25,793	240,150	1,515	22,348	7,033	415,083	5,100	951,670	531,487	105	.....	.....	.....	.....	105	.....	42
560,789	540,806	1,502,511	81,880	23,857	456,406	11,612,339	444,654	18,500,897	6,443,904	5,522	3,794	75	50	29	1,574	2,126	43
869,025	350,393	3,722,101	30,903	6,065	671,622	10,366,830	1,628,525	20,360,692	8,365,337	32,948	22,771	1,007	1,655	2,423	5,092	3,658	44
400,725	218,133	1,114,833	75,379	31,556	510,941	5,852,126	185,442	9,718,659	3,681,091	2,543	1,930	150	5	.....	458	1,575	45
440,742	394,971	829,990	8,464	34,303	171,827	5,028,284	131,965	8,548,141	3,387,892	1,705	1,197	.....	93	.....	415	467	46
272,163	254,489	628,900	700	19,882	130,404	3,453,947	93,580	5,937,315	2,389,788	906	787	.....	12	.....	107	422	47
168,579	140,482	201,090	7,764	14,421	41,423	1,574,337	38,385	2,610,826	998,104	799	410	.....	81	.....	308	45	48
166,561	200,463	1,495,790	86,769	96,128	97,011	3,914,284	316,394	7,323,655	3,092,977	7,872	6,968	125	162	.....	617	1,723	49
315,881	767,018	2,392,668	.....	29,497	972,629	4,631,789	146,406	10,790,651	6,012,456	3,857	2,390	.....	18	.....	1,449	1,636	50
.....	3,497	36,385	.....	1,500	485	95,931	2,536	164,904	66,437	29	.....	.....	18	.....	11	.....	51
259,228	142,817	318,791	.....	22,499	148,237	2,175,343	14,183	4,831,705	2,642,179	66	3	.....	.....	.....	63	.....	52
1,816,366	1,929,267	18,023,734	500	700	17,898,614	214,618,316	8,268,059	280,994,553	58,108,178	36,040	12,843	14,391	8,806	.....	.....	3,868	53
928,044	1,485,130	15,521,113	33,268	36,315	3,374,291	19,931,717	728,900	55,419,321	34,758,704	20,257	4,467	12,064	25	.....	3,701	11,737	54
39,910	12,840	181,800	12,558	14,281	7,338	223,448	8,522	680,519	448,549	98	.....	.....	.....	.....	98	.....	55
297,552	250,404	1,362,671	.....	175,871	43,555	7,079,410	60,548	10,030,705	2,890,747	979	373	.....	.....	.....	606	110	56
156,582	223,764	1,041,106	.....	131,927	7,704	4,995,192	40,159	7,271,500	2,236,149	663	175	.....	.....	.....	488	101	57
80,970	26,640	321,565	.....	43,944	35,851	2,084,218	20,389	2,759,205	654,598	316	198	.....	.....	.....	118	9	58
144,906	66,269	444,917	123	23,012	83,558	3,041,646	65,314	4,874,160	1,767,200	1,531	1,013	.....	27	.....	491	776	59
82,104	19,823	193,153	.....	10,331	32,015	1,235,973	23,953	1,770,257	510,331	444	400	.....	11	.....	33	240	60
62,802	46,446	251,764	123	12,681	51,543	1,805,673	41,361	3,103,903	1,256,869	1,087	613	.....	16	.....	458	536	61
118,598	71,403	1,458,135	.....	1,014	98,098	2,016,831	101,018	3,983,068	1,865,219	2,353	1,828	305	.....	.....	220	1,731	62
992,434	496,235	6,732,001	2,868	13,700	457,355	2,583,948	996,831	16,225,650	12,644,871	6,116	3,960	.....	60	.....	2,096	1,583	63
887,100	484,860	6,629,350	2,868	10,880	441,958	2,535,123	953,962	15,827,191	12,238,106	6,036	3,960	.....	50	.....	2,026	1,583	64
105,334	11,375	102,651	.....	2,820	15,397	48,825	42,869	398,459	306,765	80	.....	.....	10	.....	70	.....	65

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

TABLE 42.—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	Printing and publishing, book and job	421	3,132	427	172	85	109	2,339	De 2,668	Ap 2,196	2,671	2,035	570	58	8	9,908,576
2	Printing and publishing, newspapers and periodicals.	295	3,708	211	274	555	316	2,352	.....	.....	2,404	2,118	251	34	1	8,378,261
3	Printing and publishing	34	1,486	14	83	320	137	932	Ap 965	Se 897	924	857	57	10	.....	3,246,134
4	Printing, publishing, and job printing.	205	2,081	154	169	214	157	1,387	De 1,440	Jy 1,353	1,446	1,248	173	24	1	5,041,208
5	Publishing without printing	56	141	43	22	21	22	33	Se [3] 36	Ap [3] 29	34	13	21	.....	.....	90,919
6	Printing materials	4	20	1	3	.....	.....	16	De 24	Ja [3] 10	24	24	.....	.....	.....	84,884
7	Pumps, steam and other power	6	3,025	.....	134	307	176	2,408	Mh 2,624	Oc 2,187	2,371	2,279	73	19	.....	14,317,063
8	Regalia, and society badges and emblems.	10	108	7	6	3	5	87	Se 94	Ja 70	79	36	43	.....	.....	190,412
9	Roofing materials	15	912	4	71	135	42	660	Oc 775	Ap 563	820	797	21	2	.....	4,457,776
10	Rubber tires, tubes, and rubber goods, not elsewhere specified.	65	15,263	8	468	1,610	824	12,353	De 13,368	Ja 11,321	13,328	11,518	1,661	110	39	57,638,272
11	Saddlery and harness	46	92	53	2	1	.....	36	Oc 39	My [3] 34	41	41	.....	.....	.....	177,765
12	Sausage, not made in slaughtering and meat-packing establishments.	38	275	47	3	16	8	201	Oc 220	Ap 186	219	216	3	.....	.....	663,133
13	Scales and balances	9	591	4	23	99	39	426	Au 475	Mh 392	459	382	61	16	.....	1,188,656
14	Screws, machine	6	100	3	11	2	3	81	Ja 89	Oc 76	82	64	18	.....	.....	194,037
15	Shipbuilding, steel	13	53,273	3	861	1,601	557	50,251	Mh 52,467	No 47,492	48,313	47,926	387	.....	.....	242,523,313
16	Shipbuilding, wooden, including boat building.	80	2,380	73	85	53	23	2,146	.....	.....	2,179	2,169	10	.....	.....	5,744,321
17	New vessels	9	788	5	25	17	5	736	Fe 949	Oc 655	681	681	.....	.....	.....	2,116,847
18	Repair work only	36	1,208	31	47	30	11	1,179	Se 1,275	Mh 1,039	1,261	1,261	.....	.....	.....	2,412,313
19	Small boats, masts, spars, oars, and rigging.	35	294	37	13	6	7	231	Je 266	Fe 195	237	227	10	.....	.....	1,215,161
20	Shirts	46	3,219	62	63	117	93	2,884	De 3,249	Ja 2,699	3,249	515	2,645	19	70	6,425,995
21	Signs and advertising novelties	17	834	13	40	126	97	558	.....	.....	573	348	214	7	4	2,405,676
22	Electric and other signs	9	52	8	3	3	2	36	Au 42	Fe 31	40	39	.....	1	.....	637,600
23	Advertising novelties	8	782	5	37	123	95	522	Jy 576	Fe 448	533	309	214	6	4	1,768,076
24	Silk goods, including throwsters	686	35,453	682	1,106	742	597	32,326	.....	.....	35,074	16,177	17,920	312	605	101,180,821
25	Finished products	578	31,958	579	955	699	564	29,161	De 31,633	Fe 25,753	31,566	15,072	15,858	199	437	93,558,923
26	Throwsters and winders	108	3,495	103	151	43	33	3,165	De 3,431	Fe 2,875	3,508	1,105	2,062	113	228	7,621,898
27	Silversmithing and silverware	13	1,006	6	50	62	78	810	No 924	Ja 674	918	702	209	2	5	2,112,386
28	Slaughtering and meat packing	46	4,509	32	114	594	203	3,566	Ja 3,914	No 2,599	3,663	3,367	295	1	.....	20,674,400
29	Smelting and refining, copper	4	4,661	.....	137	357	101	4,066	Ja 4,926	De 3,624	3,624	3,584	40	.....	.....	67,694,831
30	Smelting and refining, not from the ore.	10	592	8	36	59	21	468	Ja 523	Au 447	468	468	.....	.....	.....	4,049,548
31	Soap	16	4,213	6	104	773	441	2,889	Au 3,150	Mh 2,662	2,896	1,979	853	61	3	24,971,427
32	Soda-water apparatus	6	87	2	12	7	3	63	Jy 77	Ja 44	54	47	7	.....	.....	423,175
33	Sporting and athletic goods	13	107	13	20	3	4	67	Au 91	Ja 42	56	25	29	2	.....	348,718
34	Stamped ware, not elsewhere specified.	20	2,715	16	77	111	65	2,446	De 2,541	Ja 2,277	2,536	1,742	673	62	59	5,255,869
35	Stationery goods, not elsewhere specified.	9	230	6	15	39	10	160	Jy 172	Se 150	157	104	43	5	5	391,381
36	Statuary and art goods	8	78	10	6	1	.....	61	My 74	Ja 46	70	65	5	.....	.....	51,482
37	Steam fittings and steam and hot-water heating apparatus.	12	1,605	2	53	93	60	1,397	De 1,564	Se 1,069	1,563	1,475	82	4	2	5,982,894
38	Steam packing	17	1,880	5	100	81	82	1,612	De 1,792	My 1,347	1,946	1,700	232	14	.....	6,716,026
39	Stencils and brands	3	22	3	3	4	1	11	Oc [3] 23	Ja [3] 7	23	10	12	.....	1	18,852
40	Stereotyping and electrotyping	4	61	4	2	4	1	50	De 58	Ja [3] 43	58	58	.....	.....	.....	89,107
41	Stoves and hot-air furnaces	8	1,139	.....	48	89	38	964	De 1,195	Ja 442	1,195	1,189	6	.....	.....	3,054,360
42	Stoves, gas and oil	13	654	8	27	66	30	523	De 608	Ja 390	591	571	.....	20	.....	3,169,608
43	Structural ironwork, not made in steel works or rolling mills.	73	2,584	54	130	248	37	2,115	Ja 2,199	Je 2,005	2,164	2,164	.....	.....	.....	10,880,197
44	Sulphuric, nitric, and mixed acids	5	621	.....	24	30	6	561	Ja 600	Ap [3] 534	575	574	.....	1	.....	4,516,783
45	Surgical appliances	12	2,217	11	20	257	141	1,788	Ja 2,018	Jy 1,666	1,748	713	1,023	3	9	10,318,467
46	Suspenders, garters, and elastic woven goods.	7	296	4	18	9	10	255	De 287	Ap 227	284	102	172	1	9	1,190,857
47	Textile machinery and parts	56	1,901	52	83	73	21	1,672	De 1,886	Se 1,485	1,888	1,532	291	53	12	4,532,953
48	Tinware, not elsewhere specified	9	2,324	1	73	167	93	1,990	De 2,176	Ap 1,698	2,261	1,840	418	1	2	7,589,678
49	Tobacco, chewing and smoking, and snuff.	10	2,107	4	52	227	106	1,718	Fe 1,822	Au 1,637	1,745	972	734	13	26	28,428,442
50	Tobacco, cigars and cigarettes	308	9,565	287	492	216	127	8,443	De 10,121	Au 6,696	10,273	1,574	8,243	43	413	26,055,456
51	Tools, not elsewhere specified	78	1,799	61	118	60	66	1,494	.....	.....	1,815	1,736	70	8	1	3,917,979
52	Machinists' tools	34	636	27	56	16	19	518	No 648	Je 419	708	690	18	.....	.....	1,252,462
53	All other	44	1,163	34	62	44	47	976	De 1,072	Mh 925	1,107	1,046	52	8	1	2,665,517
54	Toys and games	27	1,321	20	50	34	31	1,186	Au 1,462	Ja 821	1,047	555	475	7	10	2,056,614
55	Trunks and valises	21	849	15	42	51	24	717	De 836	Ja 631	837	717	120	.....	.....	2,494,174
56	Typewriters and supplies	7	562	.....	28	46	52	436	De 486	Ja 390	486	391	93	2	.....	1,914,952
57	Upholstering materials, not elsewhere specified.	9	614	4	34	34	23	519	De 658	Ja 372	658	634	24	.....	.....	4,858,353
58	Varnishes	30	1,038	8	87	205	76	662	Oc 756	Fe [3] 569	787	718	67	2	.....	8,343,913
59	Vinegar and cider	17	53	17	3	2	.....	31	Oc 69	Ap 17	41	41	.....	.....	.....	284,867
60	Wall paper, not made in paper mills	5	644	.....	32	62	16	534	De 639	Je 457	639	582	55	1	1	3,370,614
61	Waste, cotton	5	257	3	12	19	32	191	Au 270	Fe 127	248	174	74	.....	.....	992,294
62	Window shades and fixtures	19	349	16	20	15	14	284	De 351	Mh 212	352	299	53	.....	.....	1,109,651
63	Wire	7	2,180	.....	39	167	51	1,923	Oc 2,066	My 1,717	2,057	1,989	65	3	.....	7,972,875
64	Wirework, including wire rope and cable, not elsewhere specified.	33	1,510	15	75	58	32	1,330	De 1,408	Oc 1,293	1,428	1,214	203	9	2	5,251,194

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
584,305	217,456	2,622,432	116,313	171,834	153,755	3,702,852	125,926	9,569,344	5,740,566	2,532	562	.....	145	.....	1,825	200	1
997,880	1,011,070	2,945,543	202,572	131,260	289,247	3,942,083	167,239	12,399,856	8,290,534	3,304	613	.....	181	29	2,481	515	2
429,362	638,939	1,375,450	8,215	44,702	213,199	2,046,942	65,358	6,002,590	3,890,290	1,278	455	.....	5	.....	818	500	3
525,614	345,704	1,557,417	51,304	78,983	75,775	1,794,454	101,486	5,968,901	4,072,961	2,019	158	.....	176	29	1,656	15	4
42,904	26,367	12,676	143,053	7,575	273	100,687	395	428,365	327,283	7	.....	.....	.....	.....	7	.....	5
4,840	.....	23,968	.....	1,140	100,547	11,377	1,487	74,328	61,464	68	.....	.....	.....	.....	68	.....	6
541,633	608,796	3,534,071	.....	6,560	255,166	6,594,621	110,735	12,722,500	6,017,144	4,510	3,025	1,300	50	.....	135	627	7
28,980	9,677	68,269	1,247	5,718	1,803	82,140	2,854	233,854	148,860	70	.....	.....	43	.....	27	.....	8
195,440	357,602	739,548	.....	3,510	92,883	3,881,450	190,205	6,553,179	2,481,524	2,357	2,031	.....	15	225	86	453	9
1,968,540	2,849,995	14,299,930	17,293	21,794	2,893,921	44,753,679	1,582,502	84,129,058	37,792,877	40,097	21,126	4,107	400	350	14,114	11,976	10
2,000	1,040	37,720	.....	10,242	2,092	78,605	2,173	191,473	110,695	20	.....	.....	.....	.....	20	.....	11
32,675	31,907	292,274	4,212	9,488	25,445	3,198,192	34,198	4,058,478	826,088	685	140	.....	37	.....	508	8	12
74,802	205,422	462,521	.....	3,623	50,774	445,881	16,044	1,427,844	965,919	351	15	.....	262	.....	74	8	13
41,165	4,093	80,506	.....	4,975	6,765	58,890	5,326	199,320	135,104	146	.....	.....	72	.....	74	.....	14
2,963,168	4,423,024	76,845,243	311,058	1,642,461	5,558,794	120,475,063	1,992,178	229,825,670	107,358,429	50,067	5,920	17,883	117	.....	26,147	25,920	15
451,506	112,079	3,117,714	27,808	61,784	199,512	3,019,961	66,062	8,188,989	5,102,966	2,645	1,522	.....	429	.....	694	513	16
222,912	35,193	1,197,434	24,308	13,010	99,221	1,027,375	15,920	3,232,828	2,189,533	523	140	.....	63	.....	320	.....	17
191,435	61,917	1,608,469	3,500	34,592	97,460	1,626,288	29,560	4,130,396	2,474,548	1,596	1,167	.....	212	.....	217	513	18
37,159	14,969	311,811	.....	14,182	2,831	366,298	20,582	825,765	438,885	526	215	.....	154	.....	157	.....	19
234,874	192,884	1,870,884	650,448	48,703	134,609	8,134,860	42,226	12,249,537	4,072,451	671	355	.....	55	.....	261	144	20
190,025	312,824	508,564	8,404	9,398	84,231	852,209	26,841	2,543,822	1,064,772	453	302	40	28	.....	83	193	21
6,258	8,203	55,145	2,756	7,838	2,696	70,302	2,397	200,692	127,993	46	.....	.....	.....	.....	46	.....	22
183,767	304,621	453,419	5,648	1,560	81,535	781,907	24,444	2,343,130	1,536,779	407	302	40	28	.....	37	193	23
5,299,282	2,247,563	32,832,211	17,988,470	1,483,315	3,726,895	122,356,778	1,084,470	215,050,560	91,609,312	29,095	11,869	1,120	290	417	15,399	3,738	24
4,768,104	2,141,086	30,161,883	16,431,603	1,301,779	3,453,302	108,471,128	869,427	193,798,665	84,468,110	24,181	10,699	1,120	267	417	11,678	3,375	25
531,178	106,477	2,670,328	1,556,867	181,536	273,593	13,885,650	215,043	21,251,895	7,151,202	4,914	1,170	.....	23	.....	3,721	363	26
166,211	190,807	1,036,862	16,073	44,121	21,402	1,707,840	28,653	3,831,837	2,095,344	1,110	800	.....	98	.....	212	546	27
425,336	1,046,515	4,647,499	250,962	115,952	301,670	99,802,566	601,695	110,221,328	9,817,067	9,560	6,721	1,347	4	.....	1,488	2,552	28
445,715	683,177	5,345,591	.....	.....	280,920	228,660,121	2,753,313	244,268,519	12,855,085	49,683	32,775	12,858	50	.....	4,000	15,822	29
147,602	125,175	747,828	.....	.....	85,916	3,484,085	167,000	5,058,601	1,407,606	2,375	875	480	210	.....	810	1,266	30
878,987	1,568,260	3,082,266	.....	31,355	887,924	27,001,178	346,054	37,381,759	10,034,527	3,942	3,826	.....	.....	.....	116	3,237	31
56,798	21,992	74,634	.....	3,840	3,879	226,985	2,993	512,927	282,949	94	.....	.....	25	.....	69	.....	32
43,572	26,766	54,865	.....	2,556	31,590	148,702	4,853	415,308	261,753	96	.....	.....	.....	.....	96	.....	33
337,447	208,362	2,450,348	39,000	21,017	198,487	2,333,087	125,710	6,809,340	4,350,543	2,126	1,550	.....	147	4	425	.....	34
56,841	42,284	154,296	500	9,948	26,891	306,251	8,614	781,858	466,993	154	49	.....	.....	.....	105	.....	35
8,917	60	67,157	.....	2,045	668	63,208	1,287	192,595	128,100	9	.....	.....	.....	.....	9	.....	36
177,083	212,260	1,741,084	.....	11,190	161,849	2,295,757	156,832	6,305,343	3,852,754	2,154	490	333	28	.....	1,303	360	37
315,435	178,392	2,110,988	.....	12,035	55,783	6,133,365	391,682	10,291,324	3,766,277	7,369	1,096	6,125	.....	.....	148	5,770	38
1,583	1,943	7,104	.....	1,349	19	5,979	495	22,333	15,859	11	.....	.....	.....	.....	11	.....	39
8,372	4,300	64,095	200	3,555	259	53,887	5,850	160,296	100,559	113	.....	.....	.....	.....	113	.....	40
237,632	234,797	1,543,885	.....	5,430	62,137	2,032,253	94,537	4,822,511	2,695,721	1,372	1,096	.....	10	.....	266	708	41
143,308	138,055	680,616	5,053	1,615	78,615	1,031,816	23,207	2,741,037	1,686,014	661	528	.....	46	.....	87	497	42
453,185	505,794	2,688,354	118,240	18,828	223,475	8,102,861	184,159	13,633,110	5,346,090	5,077	3,081	.....	566	.....	1,430	5,204	43
75,118	71,275	875,409	.....	.....	123,949	1,265,804	329,951	2,803,976	1,208,221	1,151	639	320	.....	.....	192	566	44
186,692	572,074	1,519,975	738	4,661	335,339	5,975,900	128,878	12,112,424	6,007,646	5,480	2,810	2,550	60	.....	60	3,904	45
67,116	21,099	240,164	4,042	3,864	45,619	649,403	13,809	1,356,096	692,884	279	204	.....	.....	.....	75	96	46
282,216	113,797	1,569,560	18,264	65,268	99,270	1,760,087	70,920	5,002,932	3,171,925	1,715	591	.....	224	45	855	103	47
282,152	373,816	2,167,318	.....	13,224	254,480	9,762,313	80,274	13,078,571	3,235,984	1,807	780	.....	.....	.....	1,027	546	48
249,013	433,408	1,395,422	.....	990	6,536,510	12,401,527	88,572	24,419,300	11,929,201	2,166	2,045	.....	.....	97	24	906	49
872,153	527,142	6,430,852	75,218	104,306	6,063,606	14,021,730	86,734	32,298,903	18,190,439	2,353	750	.....	55	.....	1,548	285	50
374,936	139,280	1,891,552	19,793	55,215	221,801	961,829	91,294	4,581,871	3,528,748	2,544	687	.....	571	.....	1,286	639	51
180,435	27,838	599,132	16,395	17,191	7,805	183,608	40,348	1,228,982	1,005,026	1,210	.....	.....	396	.....	814	.....	52
194,501	111,442	1,292,420	9,398	38,024	213,996	778,221	50,946	3,352,889	2,523,722	1,334	687	.....	175	.....	472	639	53
199,713	109,355	1,112,301	25,634	38,524	37,442	1,461,334	60,749	3,586,851	2,064,768	883	355	.....	68	.....	460	105	54
248,315	192,346	939,054	711	41,277	46,090	2,751,503	15,270	4,898,976	2,132,203	437	275	.....	4	.....	158	200	55
159,819	164,838	441,977	.....	8,590	52,697	1,168,631	19,126	2,799,776	1,612,019	744	551	50	.....	.....	143	290	56
202,419	50,516	551,895	.....	25,650	526,766	5,905,340	67,108	8,803,146	2,830,698	1,261	745	.....	.....	.....	516	187	57
546,697	583,501	801,440	14,896	7,106	166,071	8,642,513	110,662	13,314,471	4,561,296	1,799	1,145	.....	.....	60	594	583	58
11,100	2,170	36,518	31	1,000	36,705	370,184	4,524	573,219	198,511	428	243	.....	85	80	20	.....	59
138,260	145,804	577,297	14,295	1,200	27,606	1,705,037	43,230	3,334,261	1,585,994	1,192	650	265	.....	.....	277	685	60
67,250	27,310	170,899	.....	8,003	6,155	1,720,798	24,206	2,165,821	420,817	755	85	200	.....	10	460	.....	61
74,530	99,219	308,057	.....	12,320	65,587	1,421,563	42,032	2,501,483	1,037,888	556	500	.....	.....	.....	56	.....	62
247,105	299,555	2,851,843	.....	1,073	311,948	14,149,600	549,574	16,878,316	5,179,142	13,332	1,955	2,300	1,786	.....	7,291	2,735	63
272,969	118,670	1,407,640	.....	84,942	421,442	3,887,677	96,433	7,258,154	3,269,044	2,288	1,100	.....	308	.....	880	407	64

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

TABLE 42.—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	Wood, turned and carved	21	109	21	4	.....	3	81	Ap [3] 84	Ja [3] 77	83	69	14	.....	.....	294,908
2	Wooden goods, not elsewhere specified.	14	93	11	7	2	.....	73	Oc 77	Ja 68	80	47	33	.....	.....	88,372
3	Wool pulling	3	131	2	9	.....	1	119	My 142	Ja 84	132	130	2	.....	.....	997,948
4	Woolen goods	6	1,344	4	30	35	4	1,271	Se 1,367	Ja 1,156	1,284	593	670	8	13	4,578,361
5	Worsted goods	20	14,318	7	249	717	126	13,219	De 16,309	Fe 2,556	16,590	7,476	8,224	364	526	87,014,806
6	All other industries*	222	39,001	109	1,701	3,445	2,009	31,737	.....	.....	.....	.....	.....	.....	.....	146,579,945

*All other industries embrace—
Aeroplanes, seaplanes, and airships, and parts 1
Artificial limbs 1
Babbitt metal and solder 7
Bags, paper, not including bags made in paper mills 1
Baking powders 3
Billiard tables and accessories 2
Bluing 3
Bone and lamp black 1
Boot and shoe cut stock 2
Boots and shoes, rubber 2
Candles 1
Cardboard not made in paper mills 2
Carriage and wagon materials 4
Cars, steam-railroad, not including operations of railroad companies 2
Cash registers and calculating machines 1
Cement 2
Clocks 2
Coke, not including gas-house coke 2
Collars and cuffs, men's 3
Combs and hairpins, not made from metal or rubber 3
Crucibles 4
Dairymen's and poultrymen's supplies 2
Drug grinding 5
Emery and other abrasive wheels 3
Enameling 2
Engravers' materials 2
Envelopes 1
Explosives 10
Ferroalloys 1
Firearms 1
Flags and banners 1
Foundry supplies 2
Fuel, briquetted 1
Gloves and mittens, cloth, not including gloves made in textile mills 2
Gloves and mittens, leather 2
Glucose and starch 2
Glue, not elsewhere specified 2
Graphite, ground and refined 1
Hats, straw 3
Hones and whetstones 2
Horseshoes, not made in steel works or rolling mills 1
Ink, writing 3
Iron and steel, doors and shutters 2
Iron and steel, wire nails and spikes, not made in steel works or rolling mills 3
Labels and tags 3
Lapidary work 7
Lasts 4

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

1	**ATLANTIC CITY**—All industries.	154	1,314	150	55	93	58	958	Jy 1,107	Ja 804	1,026	952	73	1	.....	8,244,874
2	Automobile repairing	11	58	11	.....	3	.....	44	Oc [3] 46	Jy 39	46	46	.....	.....	.....	89,948
3	Awnings, tents, and sails	5	22	7	.....	.....	.....	15	Je [3] 23	Ja [3] 8	22	13	9	.....	.....	63,150
4	Bread and other bakery products	34	198	35	6	3	.....	154	Au 203	Ja 127	147	141	6	.....	.....	400,273
5	Confectionery and ice cream	21	204	22	8	10	15	149	.....	.....	143	102	41	.....	.....	541,467
6	Confectionery	16	111	18	5	5	6	77	Jy [3] 103	Ja 54	68	31	37	.....	.....	304,957
7	Ice cream	5	93	4	3	5	9	72	De 74	My [3] 71	75	71	4	.....	.....	236,510
8	Copper, tin, and sheet-iron work	4	30	6	.....	.....	.....	24	(4) 24	(4) 24	24	24	.....	.....	.....	34,200
9	Foundry and machine-shop products	8	79	7	3	3	.....	66	Jy 70	Fe 62	66	66	.....	.....	.....	102,940
10	Fur goods	6	29	7	.....	.....	.....	22	Jy [3] 23	Ja [3] 20	23	20	3	.....	.....	124,900
11	Ice, manufactured	3	61	.....	2	2	1	56	Jy 85	Ja 45	81	81	.....	.....	.....	515,684
12	Mineral and soda waters	7	25	8	.....	.....	.....	17	.....	.....	20	20	.....	.....	.....	51,623
13	Mineral and carbonated waters	4	18	5	.....	.....	.....	13	Jy 22	Ja [3] 8	13	13	.....	.....	.....	46,348
14	Fruit beverages	3	7	3	.....	.....	.....	4	Ap [3] 7	Ja [5] 0	7	7	.....	.....	.....	5,275
15	Printing, job	18	92	19	1	3	.....	69	Jy 79	Ja 62	54	47	7	.....	.....	149,960
16	Shipbuilding, wooden	3	11	3	.....	.....	.....	8	Jy [3] 11	Ja 2	12	12	.....	.....	.....	61,500
17	Tobacco, cigars	3	5	3	.....	.....	.....	2	(4) 2	(4) 2	2	2	.....	.....	.....	2,790
18	All other industries*	31	500	22	35	69	42	332	.....	.....	336	378	7	1	.....	6,106,439

*All other industries embrace—
Automobile bodies and parts 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
Clothing, women's 2
Coffee, roasting and grinding 1
Corsets 1
Electroplating 1
Furniture, metal 1
Gas, illuminating and heating 1
Glass, cutting, staining, and ornamenting 1
Grease and tallow, not including lubricating greases 1

1	**BAYONNE**—All industries	152	18,130	130	686	1,639	681	14,994	Ja 15,983	Ap 13,886	15,913	14,006	1,739	77	91	176,466,869
2	Automobile repairing	9	37	9	.....	1	1	26	(4) 26	(4) 26	26	26	.....	.....	.....	110,045
3	Bread and other bakery products	20	140	22	.....	2	5	111	Oc 115	Jy 102	113	106	7	.....	.....	197,298
4	Chemicals	4	725	.....	18	72	61	574	Ja 632	My 482	584	553	26	3	2	4,351,136
5	Clothing, women's	12	292	17	6	1	1	267	.....	.....	305	44	256	3	2	122,175
6	Regular factory products	4	53	5	1	1	.....	46	Oc 55	Je 30	54	4	50	.....	.....	96,574
7	Contract work	8	239	12	5	.....	1	221	De 250	Mh 150	251	40	206	3	2	25,601
8	Confectionery and ice cream	5	23	5	1	2	.....	15	(4) 15	(4) 15	15	5	10	.....	.....	31,760
9	Copper, tin, and sheet-iron work	3	8	4	.....	1	.....	3	(4) 3	(4) 3	3	3	.....	.....	.....	16,950
10	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	125	2	2	.....	2	119	(4) 119	(4) 119	119	119	.....	.....	.....	122,949
11	Millinery and lace goods, embroideries	3	29	8	.....	.....	.....	21	No [3] 25	Jy [3] 17	25	9	16	.....	.....	69,581
12	Mineral and carbonated waters	4	18	6	.....	.....	.....	12	(4) 12	(4) 12	12	11	.....	1	.....	28,350
13	Printing and publishing, book and job.	8	29	10	.....	.....	1	18	De 24	Ja [3] 15	24	24	.....	.....	.....	57,567
14	Shirts	4	201	5	1	.....	1	194	(4) 194	(4) 194	194	14	180	.....	.....	44,466
15	All other industries*	77	16,503	42	658	1,560	609	13,634	.....	.....	14,493	13,092	1,244	70	87	171,314,592

*All other industries embrace—
Automobile bodies and parts 1
Belting, woven, other than rubber 1
Boxes, set-up paper boxes 1
Boxes, wooden packing, except cigar boxes 1
Brass, bronze, and copper products 3
Carriages and wagons, including repairs 4
Cars and general shop construction and repairs by steam-railroad companies 1
Clothing, men's 1
Coffins, burial cases, and undertakers' goods 1
Cooperage, hogsheads and barrels 1
Dyeing and finishing textiles, exclusive of that done in textile mills 2
Dyestuffs and extracts—natural 1
Electrical machinery, apparatus, and supplies 2
Flavoring extracts 1
Food preparations, not elsewhere specified 3
Foundry and machine-shop products 6
Gas and electric fixtures 1
Hats and caps, other than felt, straw, and wool 2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, doors and shutters 1
Knit goods 2

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

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.*								
8,706	2,464	87,801	600	4,612	3,116	168,309	9,092	348,835	171,434	387	222	.....	111	.....	54	.....	1
13,177	3,603	47,664	.....	5,765	1,723	90,026	6,305	201,142	104,811	161	.....	.....	57	.....	104	.....	2
41,935	4,144	150,440	.....	875	6,391	1,510,764	13,997	2,053,193	528,432	543	535	.....	.....	.....	8	160	3
223,626	101,023	1,165,897	.....	.....	147,168	2,960,281	95,596	5,210,270	2,154,393	2,795	2,155	40	550	50	.....	480	4
1,512,538	1,492,065	13,003,328	111,542	18,634	8,964,437	50,484,385	1,032,498	95,115,024	43,598,141	27,061	13,380	10,283	9	145	3,244	12,992	5
7,990,072	6,930,591	41,011,212	61,879	254,620	5,086,881	216,455,957[1]	1,843,161	327,195,322	98,896,204	90,482	46,884	26,726	1,808	745	14,319	71,382	6

Lead, bar, pipe, and sheet	1	Ordnance and accessories	2	Smelting and refining, antimony	1	Wall plaster and composition flooring	4
Liquors, distilled	2	Paper patterns	1	Smelting and refining, metals, not elsewhere specified	2	Washing machines and clothes wringers	2
Locomotives, not made by railroad companies	1	Pens, gold	3	Smelting and refining, tin	1	Watch materials, except watchcases	1
Lubricating greases	2	Pens, steel	2	Smelting and refining, zinc	1	Watchcases	3
Matches	1	Photographic apparatus	5	Springs, steel, car and carriage, not made in steel works or rolling mills	4	Watches	2
Mucilage, paste, and other adhesives, not elsewhere specified	5	Pipes, tobacco	4	Steel barrels, drums, and tanks	1	Windmills	1
Musical instruments, organs	2	Plated ware	2	Sugar, refining, not including beet sugar	2	Window and door screens and weather strips	7
Nets and seines	1	Pocketbooks	4	Tin foil	2	Wood distillation	1
Oakum	1	Printing and publishing, music	2	Type founding	1	Wood preserving	3
Oil and cake, cottonseed	1	Pulp goods	2	Umbrellas and canes	5	Wool scouring	2
Oil, castor	1	Pumps, not including power pumps	1			Wool shoddy	2
Oil, linseed	2	Refrigerators	5				
		Saws	2				
		Sewing machines	2				

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

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.	
147,239	161,492	1,288,643	2,821	88,341	115,782	2,586,497	496,461	6,358,720	3,275,762	1,875	935	.....	110	.....	830	147	1
.....	4,935	61,326	600	6,260	232	45,845	2,287	148,938	100,806	25	.....	.....	.....	.....	25	.....	2
.....	.....	24,654	.....	910	150	44,624	366	94,974	49,984	5	.....	.....	.....	.....	5	.....	3
13,570	3,600	259,354	1,144	17,366	1,548	804,607	70,102	1,406,302	531,593	235	.....	.....	.....	.....	235	.....	4
11,250	20,464	110,894	.....	27,116	11,188	673,074	21,091	1,098,493	404,328	271	.....	.....	85	.....	186	.....	5
3,600	3,205	68,123	.....	26,590	8,596	241,635	10,383	499,475	247,459	165	.....	.....	55	.....	110	.....	6
7,650	17,259	42,771	.....	526	2,592	431,441	10,708	599,018	156,869	106	.....	.....	30	.....	76	.....	7
.....	.....	42,466	.....	840	135	23,990	223	83,030	58,817	.....	.....	.....	.....	.....	.....	.....	8
5,351	1,417	103,819	.....	2,420	387	71,327	3,453	223,468	148,688	74	.....	.....	15	.....	59	.....	9
.....	.....	48,452	.....	4,300	1,422	37,740	1,785	115,747	76,222	10	.....	.....	.....	.....	10	.....	10
4,772	1,205	59,652	.....	.....	9,498	8,041	48,492	290,814	234,281	650	650	.....	.....	.....	.....	147	11
.....	.....	27,718	.....	6,070	493	42,717	1,932	107,313	62,664	29	.....	.....	.....	.....	29	.....	12
.....	.....	19,551	.....	720	463	39,217	1,122	76,313	35,974	23	.....	.....	.....	.....	23	.....	13
.....	.....	8,167	.....	5,350	30	3,500	810	31,000	26,690	6	.....	.....	.....	.....	6	.....	14
4,200	1,856	65,187	.....	9,547	378	84,168	3,369	282,048	194,511	76	.....	.....	.....	.....	76	.....	15
.....	.....	11,376	.....	.....	373	10,500	288	23,755	12,967	30	.....	.....	.....	.....	30	.....	16
.....	.....	1,912	.....	540	764	6,838	.....	12,730	5,892	.....	.....	.....	.....	.....	.....	.....	17
103,096	128,015	471,833	1,077	12,972	89,214	733,026	343,073	2,471,108	1,395,009	470	285	.....	10	.....	175	.....	18

Hand stamps	1	Lumber, planing-mill products, not including planing mills connected with sawmills	3	Mattresses and spring beds, not elsewhere specified	2	Printing and publishing, newspapers and periodicals	2
Japanning	1	Marble and stone work, except slate	2	Optical goods	1	Signs, electric	1
Jewelry	1			Paints	1	Slaughtering and meat packing	1
				Photo-engraving	1	Sporting and athletic goods	1

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.	
2,775,950	3,561,891	22,951,877	269,219	89,075	12,312,414	191,010,776	5,838,125	260,602,109	63,753,208	41,694	20,527	12,744	4,633	.....	3,790	26,760	1
.....	2,288	34,416	.....	3,240	904	49,412	2,333	110,985	59,240	29	.....	.....	.....	.....	29	.....	2
.....	4,468	207,985	.....	10,366	2,203	524,758	24,015	868,628	319,855	103	.....	.....	.....	.....	103	.....	3
66,161	206,333	805,363	.....	5,400	291,989	2,581,709	171,007	6,178,189	3,425,473	1,383	1,141	.....	32	.....	210	1,950	4
12,750	1,148	235,561	12,000	8,085	225	253,894	4,270	621,118	362,954	49	.....	.....	.....	.....	49	.....	5
3,000	956	47,111	12,000	2,420	225	218,850	1,153	342,851	122,848	15	.....	.....	.....	.....	15	.....	6
9,750	192	188,450	.....	5,665	.....	35,044	3,117	278,267	240,106	34	.....	.....	.....	.....	34	.....	7
1,900	1,980	12,544	.....	2,520	945	55,926	3,201	97,181	38,054	14	.....	.....	.....	.....	14	.....	8
.....	1,200	5,876	.....	900	12	7,771	122	21,302	13,409	2	.....	.....	.....	.....	2	.....	9
3,628	1,980	72,418	.....	.....	8,230	215,776	3,646	322,857	103,435	272	250	.....	22	.....	.....	1	10
.....	.....	23,345	.....	300	2,728	43,765	1,239	87,293	42,289	9	.....	.....	.....	.....	9	.....	11
.....	.....	11,410	.....	456	194	23,555	657	52,138	27,926	13	.....	.....	.....	.....	13	.....	12
.....	1,040	28,770	900	1,806	191	32,020	1,258	84,510	51,232	20	.....	.....	.....	.....	20	.....	13
2,400	1,440	190,040	.....	3,186	40	29,185	2,725	254,956	223,046	30	.....	.....	10	.....	20	.....	14
2,689,111	3,340,014	21,324,149	256,319	52,816	12,004,753	187,193,005	5,623,652	251,902,952	59,086,295	39,770	19,136	12,744	4,569	.....	3,321	24,809	15

Mattresses and spring beds, not elsewhere specified	2	Petroleum, refining	3	Smelting and refining, metals, not elsewhere specified	1	Sulphuric, nitric, and mixed acids	1
Minerals and earths, ground or otherwise treated	2	Pickles and sauces	2	Soap	1	Surgical appliances	1
Models and patterns, not including paper patterns	1	Printing and publishing, newspapers and periodicals	5	Steam packing	1	Suspenders, garters, and elastic woven goods	2
Oil, essential	1	Shipbuilding, wooden, including boat building	5	Stoves, gas and oil	1	Tinware, not elsewhere specified	1
Oil, vegetable	2	Silk goods	2	Structural ironwork, not made in steel works or rolling mills	2	Tobacco, cigars	3
						Tools, not elsewhere specified	1

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

[4] Same number reported throughout the year.

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

TABLE 42.—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	**CAMDEN**—All industries	336	44,643	250	946	1,452	1,089	40,906	No 45,989	Ja 35,261	45,935	39,145	6,601	60	129	Dollars. 256,492,027
2	Automobile repairing	6	43	5	1	5	2	30	Oc [3] 36	Ja [3] 20	36	36	.....	.....	.....	58,768
3	Boots and shoes	7	405	8	12	3	8	374	Je [3] 394	Ja 327	377	208	159	4	6	553,710
4	Boxes, set-up paper boxes and cartons.	4	142	1	9	4	8	120	Fe 143	Se 107	125	50	65	1	9	302,725
5	Bread and other bakery products	38	403	49	11	33	14	296	No [3] 333	Fe 276	333	289	42	2	.....	925,564
6	Chemicals	4	396	1	14	18	20	343	Fe 390	Je 300	346	336	10	.....	.....	1,506,418
7	Confectionery and ice cream	9	133	5	8	21	3	96	Se 133	My 70	113	30	83	.....	.....	213,911
8	Copper, tin, and sheet-iron work	9	92	8	8	3	1	72	De 80	Je 66	80	80	.....	.....	.....	251,694
9	Foundry and machine-shop products	18	872	7	65	62	12	726	De 899	My 657	812	799	8	5	.....	3,434,348
10	Furniture	3	197	1	8	19	12	157	De 190	Ap 135	193	182	11	.....	.....	515,607
11	Leather, tanned, curried, and finished.	6	2,053	.....	75	30	24	1,924	Oc 2,110	Ja 1,695	2,036	1,548	486	2	.....	22,176,660
12	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	153	1	11	4	8	129	Jy [3] 146	Fe 100	141	141	.....	.....	.....	339,625
13	Marble and stone work	5	28	4	4	5	.....	15	Ja 18	Jy 12	16	16	.....	.....	.....	108,434
14	Mineral and carbonated waters	10	36	10	1	2	1	22	Je [3] 25	Mh 18	18	17	1	.....	.....	109,253
15	Paints	4	211	1	12	20	14	164	Oc 180	My 154	168	164	4	.....	.....	1,417,765
16	Patent and proprietary medicines	4	44	4	7	5	9	19	No 27	My [3] 16	28	8	20	.....	.....	115,270
17	Printing, job	25	113	28	6	1	1	77	De 84	Ja 69	83	60	17	6	.....	187,117
18	Printing and publishing, newspapers and periodicals.	12	125	11	6	17	6	85	.....	.....	91	79	9	3	.....	328,476
19	Printing, publishing, and job printing.	7	45	9	2	3	4	27	De 32	Ja [3] 25	32	26	3	3	.....	126,465
20	All other	5	80	2	4	14	2	58	([1]) 58	([1]) 58	59	53	6	.....	.....	202,011
21	Shipbuilding, wooden, including boat building.	11	712	6	25	14	2	665	.....	.....	625	625	.....	.....	.....	1,262,802
22	Repair work only	5	371	2	13	5	1	350	Se 364	Ja 343	353	353	.....	.....	.....	686,381
23	New vessels, small boats, masts, spars, oars and rigging.	6	341	4	12	9	1	315	Fe 423	Au 251	272	272	.....	.....	.....	576,421
24	Slaughtering and meat packing	4	38	.....	10	5	2	21	No [3] 34	Ja [3] 10	34	34	.....	.....	.....	410,709
25	Soap	4	263	1	22	19	21	200	Se 209	Fe [3] 194	196	146	50	.....	.....	2,315,832
26	Tobacco, cigars	11	579	9	24	19	9	518	Mh 613	Se 288	553	36	482	2	33	1,280,659
27	Varnishes	4	29	3	4	7	2	13	My 14	Mh 12	13	13	.....	.....	.....	277,572
28	Worsted goods	5	1,089	5	21	7	6	1,050	De 1,130	Ja 912	1,130	361	763	2	4	4,993,658
29	All other industries *	127	36,487	82	582	1,129	904	33,790	.....	.....	38,388	33,887	4,391	33	77	213,411,450

*All other industries embrace—

Artificial stone products 3
Asbestos products, not including steam packing 1
Automobile bodies and parts 3
Awnings, tents, and sails 2
Blacking, stains, and dressings 1
Bone and lamp black 1
Bookbinding and blank-book making 1
Boxes, wooden packing, except cigar boxes 1
Brass and bronze products 1
Brooms, from broom corn 2
Buttons 1
Canning and preserving, vegetables 1
Carpets, rag 1
Carriages and wagons, including repairs 3
Cars and general shop construction and repairs by electric-railroad companies 1
Cars and general shop construction and repairs by steam-railroad companies 4
Chocolate and cocoa products 1
Cleansing and polishing preparations 2
Clothing, women's, contract work 1
Coffee, roasting and grinding 1
Coffins, burial cases, and undertakers' goods 1
Coke, not including gas-house coke 1
Cooperage, hogsheads and barrels 1
Cork, cutting 1
Cotton goods 1
Drug grinding 1
Druggists' preparations 1
Dyeing and finishing textiles, exclusive of that done in textile mills 3
Dyestuffs and extracts—natural 1
Engraving, steel and copper plate, including plate printing 1
Flour-mill and gristmill products 3
Food preparations, not elsewhere specified 3
Gas and electric fixtures 2
Gas, illuminating and heating 2
Glass, cutting, staining, and ornamenting 1
Glucose and starch 1
Ice, manufactured 2
Instruments, optical 1
Iron and steel forgings, not made in steel works or rolling mills 1
Iron and steel, wire nails and spikes, not made in steel works or rolling mills 1

1	**EAST ORANGE**—All industries	76	3,596	59	168	432	254	2,683	Oc 2,850	Ap 2,489	2,807	1,973	816	7	11	10,760,761
2	Automobile repairing	21	76	17	4	3	1	51	Jy 55	Fe [3] 47	49	49	.....	.....	.....	102,358
3	Bread and other bakery products	10	57	11	.....	.....	13	33	Oc 35	Jy 31	31	25	5	.....	1	94,737
4	Carriages and wagons, including repairs.	3	14	3	.....	.....	.....	11	([1]) 11	([1]) 11	11	11	.....	.....	.....	30,250
5	Electrical machinery, apparatus, and supplies.	3	2,276	.....	107	336	190	1,643	Oc 1,792	Ap 1,497	1,776	1,250	523	2	1	7,087,981
6	Patent medicines and compounds	3	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,036
7	Printing and publishing, book and job.	6	34	5	2	2	3	22	No 36	Ja 16	31	29	2	.....	.....	59,904
8	Printing and publishing, newspapers and periodicals.	3	16	3	.....	3	1	9	([1]) 9	([1]) 9	9	8	.....	1	.....	25,736
9	All other industries *	27	1,119	18	53	88	46	914	.....	.....	900	601	286	4	9	3,351,757

*All other industries embrace—

Artificial stone products 2
Automobile bodies and parts 1
Awnings, tents, and sails 1
Bags, other than paper, not including bags made in textile mills 1
Clothing, women's 2
Copper, tin, and sheet-iron work 2
Druggists' preparations 1
Foundry and machine-shop products 4
Furs, dressed 1
Hats, fur-felt 1

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
4,673,172	3,419,882	53,629,541	529,298	285,768	6,674,128	108,465,630	4,638,000	218,165,277	105,061,647	61,085	22,157	25,280	1,521	.....	12,127	40,326	1
.....	4,140	41,467	250	2,585	1,116	43,526	2,664	105,651	59,461	22	.....	.....	.....	.....	22	.....	2
43,108	23,144	366,621	36,400	4,515	8,741	1,025,348	11,256	1,658,988	622,384	257	93	.....	42	.....	122	.....	3
25,206	9,813	96,524	3,411	2,954	6,408	159,848	5,603	449,526	284,075	119	40	.....	.....	.....	79	.....	4
29,945	105,024	315,776	.....	21,902	12,114	1,711,780	52,037	2,622,671	858,854	276	.....	.....	.....	.....	276	.....	5
71,253	44,234	372,897	.....	5,172	45,857	775,352	138,174	1,420,591	507,065	1,639	1,575	.....	.....	.....	64	.....	6
19,150	17,742	70,015	.....	3,113	2,843	231,283	3,758	357,660	122,619	176	90	.....	41	.....	45	60	7
47,976	6,354	97,460	.....	4,358	6,747	128,505	3,279	344,442	212,658	66	.....	.....	21	.....	45	.....	8
191,873	100,976	942,313	6,781	6,696	69,500	1,261,001	71,131	3,177,342	1,845,210	1,203	195	.....	784	.....	224	2,936	9
25,681	30,428	177,119	10,984	3,898	6,497	288,869	10,363	662,166	362,934	219	125	.....	.....	.....	94	10	10
335,782	99,928	2,186,042	.....	494	599,472	14,706,614	194,624	24,998,370	10,097,132	2,838	2,555	283	.....	.....	.....	3,802	11
33,370	10,642	133,017	7,000	23,968	8,106	356,336	8,863	750,416	385,217	514	395	.....	.....	.....	119	478	12
8,996	4,376	18,590	.....	1,275	671	42,126	1,532	93,223	49,565	65	.....	.....	53	.....	12	.....	13
1,000	2,612	19,594	.....	1,310	4,293	47,178	1,346	97,485	48,961	26	.....	.....	4	.....	22	.....	14
42,504	47,092	159,458	.....	4,120	8,912	648,336	56,300	1,399,201	694,565	1,130	1,085	.....	25	.....	20	60	15
22,777	16,391	13,633	.....	824	1,871	134,790	1,014	268,908	133,104	3	.....	.....	.....	.....	3	.....	16
12,602	2,469	78,916	.....	6,534	696	78,670	5,779	226,007	141,558	120	.....	.....	6	.....	114	.....	17
28,020	27,415	93,725	6,469	2,164	7,286	116,867	6,046	383,315	260,402	171	55	.....	2	.....	114	.....	18
5,520	6,969	25,062	2,094	1,200	1,183	31,834	2,212	95,487	61,441	40	.....	.....	2	.....	38	.....	19
22,500	20,446	68,663	4,375	964	6,103	85,033	3,834	287,828	198,961	131	55	.....	.....	.....	76	.....	20
157,744	17,984	928,224	11,248	9,748	63,568	814,760	12,761	2,325,733	1,498,212	806	470	.....	56	.....	280	.....	21
89,462	5,417	446,815	.....	18	62,714	216,995	6,176	991,174	768,003	553	455	.....	.....	.....	98	.....	22
68,282	12,567	481,409	11,248	9,730	854	597,765	6,585	1,334,559	730,209	253	15	.....	56	.....	182	.....	23
17,896	5,470	29,631	.....	.....	1,200	850,492	5,623	988,023	131,908	58	.....	.....	.....	.....	58	.....	24
84,382	85,334	195,329	.....	.....	55,033	1,394,946	21,247	2,169,653	753,460	643	561	.....	.....	.....	82	310	25
54,295	35,956	362,457	.....	832	223,918	659,618	2,267	1,558,457	896,572	110	110	.....	.....	.....	.....	15	26
11,026	7,085	17,878	.....	300	1,233	249,821	1,504	365,297	113,972	32	15	.....	.....	.....	17	.....	27
140,084	25,415	736,355	.....	16,000	103,187	3,667,049	74,549	5,445,023	1,703,425	3,335	2,775	.....	5	.....	555	450	28
3,268,502	2,683,858	46,176,491	446,755	163,006	5,434,199	79,072,515	3,946,280	166,297,129	83,278,334	47,257	12,018	24,997	482	.....	9,760	32,205	29

Knit goods..... 5
Lamps..... 1
Leather goods, not elsewhere specified..... 2
Liquors, malt..... 1
Lithographing..... 1
Lubricating greases..... 1
Mattresses and spring beds, not elsewhere specified..... 1
Millinery and lace goods, not elsewhere specified..... 1
Minerals and earths, ground or otherwise treated..... 1
Models and patterns, not including paper patterns..... 2
Mucilage, paste, and other adhesives, not elsewhere specified..... 1
Musical instruments and materials, not elsewhere specified..... 1
Nets and seines..... 1
Oil, mineral..... 1
Oilcloth and linoleum, floor..... 2
Paper and wood pulp..... 1
Paper goods, not elsewhere specified. 1
Pens, steel..... 2
Perfumery and cosmetics..... 1
Phonographs and graphophones..... 3
Photo-engraving..... 1
Pipes, tobacco..... 1
Plumbers' supplies, not elsewhere specified..... 1
Pocketbooks..... 1
Pottery, chinaware..... 1
Printing materials..... 1
Regalia, and society badges and emblems..... 2
Roofing materials..... 2
Sausage, not made in slaughtering and meat-packing establishments. 2
Shipbuilding, steel..... 2
Signs and advertising novelties..... 2
Silk goods, including throwsters..... 2
Soda-water apparatus..... 1
Stamped ware..... 1
Steam fittings and steam and hot-water heating apparatus..... 1
Steam packing..... 3
Stereotyping and electrotyping..... 1
Stoves and ranges..... 1
Structural ironwork, not made in steel works or rolling mills..... 3
Textile machinery and parts..... 1
Tools, machinists'..... 1
Window shades and fixtures..... 2
Wirework, not elsewhere specified... 1
Wool pulling..... 1
Wool scouring..... 1

592,114	1,063,094	2,895,522	6,443	41,430	186,770	3,940,156	143,736	11,084,224	7,000,332	3,700	1,425	.....	535	.....	1,740	4,073	1
9,617	3,796	61,829	.....	17,730	2,141	102,556	4,040	269,571	162,975	43	.....	.....	11	.....	32	.....	2
.....	6,882	59,328	228	6,994	1,362	182,510	4,611	305,870	118,749	21	.....	.....	.....	.....	21	.....	3
.....	.....	19,900	150	900	734	16,980	554	45,050	27,516	10	.....	.....	8	.....	2	.....	4
385,043	899,116	1,828,249	.....	288	149,074	1,930,604	90,384	6,787,060	4,766,072	2,361	775	.....	270	.....	1,316	3,484	5
.....	.....	.....	.....	480	47	10,520	181	24,189	13,488	2	.....	.....	.....	.....	2	.....	6
9,460	4,535	28,697	.....	1,942	237	37,623	1,161	95,357	56,573	17	.....	.....	.....	.....	17	.....	7
.....	3,848	11,510	5,061	1,140	81	16,592	1,066	47,373	29,715	11	.....	.....	.....	.....	11	.....	8
187,994	144,917	886,009	1,004	11,956	33,094	1,642,771	41,739	3,509,754	1,825,244	1,235	650	.....	246	.....	339	589	9

Knit goods..... 2
Lumber, planing-mill products, not including planing mills connected with sawmills..... 2
Marble and stone work, except slate..... 1
Millinery, trimmed hats and hat frames..... 1
Plumbers' supplies, not elsewhere specified..... 1
Tobacco, cigars..... 1
Window shades and fixtures..... 1
Wirework, woven-wire fencing..... 1
Wooden goods, not elsewhere specified..... 1

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

[4] Same number reported throughout the year.

TABLE 42.—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	**ELIZABETH**—All industries	226	20,367	184	470	912	415	18,386	Au 18,607	Je 18,086	18,898	15,738	3,130	11	19	*Dollars.* 77,503,896
2	Artificial stone products	5	19	1	3	.....	1	14	Oc 33	Fe 3	28	28	.....	.....	.....	36,295
3	Automobile repairing	10	40	10	4	.....	3	23	Se 30	Ja [3] 17	28	28	.....	.....	.....	53,183
4	Bread and other bakery products	35	156	42	.....	.....	22	92	Se [3] 94	Ja [3] 90	94	93	1	.....	.....	329,773
5	Carriages and wagons, including repairs.	5	28	6	.....	3	.....	19	(4) 19	(4) 19	19	19	.....	.....	.....	91,997
6	Chemicals	5	240	.....	18	27	26	169	Se 193	My 150	188	180	8	.....	.....	2,027,393
7	Clothing, men's	6	164	14	1	4	.....	145	Ap [3] 166	Ja 115	175	62	113	.....	.....	66,795
8	Electrical machinery, apparatus, and supplies.	4	1,108	.....	38	50	25	995	De 1,171	Je 856	1,171	944	227	.....	.....	5,219,604
9	Food preparations, macaroni, vermicelli, and noodles.	4	4	3	.....	.....	.....	1	Ja [3] 5	(5) 0	5	2	3	.....	.....	16,406
10	Foundry and machine-shop products	16	902	10	39	81	27	745	.....	.....	757	752	4	1	.....	3,129,927
11	Machine shops	10	381	7	25	38	19	292	Ja 321	Se 260	290	287	2	1	.....	1,774,175
12	All other	6	521	3	11	43	8	453	My 504	Ja 372	467	465	2	.....	.....	1,355,752
13	Lumber, planing-mill products, not including planing mills connected with sawmills.	6	83	3	7	7	7	59	Ap 64	Ja 55	60	60	.....	.....	.....	458,424
14	Marble and stone work, except slate	5	16	5	.....	1	1	9	My 11	Fe [3] 8	10	10	.....	.....	.....	47,790
15	Mineral and carbonated waters	4	25	3	3	2	.....	17	My [2] 20	Ja [3] 14	14	14	.....	.....	.....	81,416
16	Models and patterns, not including paper patterns.	4	15	8	.....	.....	.....	7	De 12	Ap 4	12	12	.....	.....	.....	21,792
17	Oil, animal and composite	6	254	.....	24	41	6	183	Ja 203	Ap [3] 176	182	182	.....	.....	.....	3,948,886
18	Printing and publishing, book and job.	11	64	12	4	2	3	43	Fe [3] 44	Jy 41	45	40	5	.....	.....	117,170
19	Sausage, not made in slaughtering and meat-packing establishments.	4	7	5	.....	1	.....	1	(4) 1	(4) 1	1	1	.....	.....	.....	47,795
20	All other industries *	96	17,242	62	329	693	294	15,864	.....	.....	16,109	13,311	2,769	10	19	61,806,250

*All other industries embrace—

Artists' materials	1
Automobile bodies and parts	1
Automobiles	1
Awnings, tents, and sails	2
Bags, other than paper, not including bags made in textile mills	1
Belting, leather	1
Boot and shoe cut stock	1
Boxes, set-up paper boxes	1
Brass and bronze products	2
Cars and general shop construction and repairs by steam-railroad companies	1
Clothing, women's	4
Coal-tar products	3
Coffee, roasting and grinding	1
Collars and cuffs, men's	1
Cooperage, hogsheads and barrels	1
Copper, tin, and sheet-iron work	1
Cutlery and edge tools, scissors, shears, and clippers	1
Electroplating	1
Engines, steam, gas, and water	1
Fancy articles, celluloid and metal novelties	2
Fertilizers	1
Files	1
Furnishing goods, men's	1
Furniture	3
Gas, illuminating and heating	1
Gas and water meters	1
Grease and tallow, not including lubricating greases	1
Ice, manufactured	1
Iron and steel, tempering and welding	2
Jewelry	1
Leather, tanned, curried, and finished	1

	INDUSTRY AND CITY.	Number of establishments	Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Wage earners. Maximum month.	Wage earners. Minimum month.	Total.	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
1	**HOBOKEN**—All industries	280	18,014	238	517	893	433	15,933	De 17,702	Je 14,282	18,518	15,211	3,147	57	103	46,402,428
2	Automobile repairing	4	15	6	1	.....	.....	8	(4) 8	(4) 8	8	7	.....	1	.....	27,456
3	Brass, bronze, and copper products	6	171	6	5	8	5	147	Jy 162	Mh 125	160	160	.....	.....	.....	437,444
4	Bread and other bakery products	43	607	45	12	12	12	526	Je 542	Oc 513	545	490	53	2	.....	1,623,877
5	Carriages and wagons, repair work only.	6	23	8	2	.....	.....	13	(4) 13	(4) 13	13	12	.....	1	.....	60,700
6	Chocolate and cocoa products	3	86	3	3	9	1	70	Fe 80	Je 60	62	43	17	.....	2	235,694
7	Clothing, women's	12	238	17	4	6	3	208	.....	.....	211	34	176	.....	1	187,176
8	Regular factory products	5	126	5	1	6	3	111	Je 123	De 97	97	12	85	.....	.....	158,889
9	Contract work	7	112	12	3	.....	.....	97	Se 143	Ja 68	114	22	91	.....	1	28,287
10	Confectionery and ice cream	8	130	8	5	7	2	108	Se 131	My 84	106	52	53	1	.....	347,439
11	Cooperage	8	114	6	6	3	7	92	Au 101	Mh 77	94	94	.....	.....	.....	680,783
12	Copper, tin, and sheet-iron work	7	86	3	8	3	1	71	Ap 147	Jy 45	65	64	.....	1	.....	132,451
13	Dyeing and finishing textiles, exclusive of that done in textile mills.	3	165	3	10	7	3	142	My 155	Jy [3] 125	147	119	27	1	.....	386,374
14	Food preparations, not elsewhere specified	8	168	5	12	12	1	138	Mh 235	No 72	131	113	18	.....	.....	342,862
15	Foundry and machine-shop products	20	1,275	8	81	86	15	1,085	Je 1,341	No 869	968	961	7	.....	.....	4,060,995
16	Furniture	9	690	5	26	33	17	609	No 664	Ja 516	661	640	14	7	.....	2,053,105
17	Lumber, planing-mill products, not including planing mills connected with sawmills.	5	89	2	5	4	1	77	No 84	Fe 66	81	81	.....	.....	.....	239,778
18	Millinery and lace goods, not elsewhere specified.	6	50	10	1	2	.....	37	Mh 61	Oc 16	27	2	23	.....	2	29,022
19	Mineral and carbonated waters	4	17	4	1	.....	.....	12	Ja [3] 13	No [3] 11	11	11	.....	.....	.....	33,550
20	Printing, job	10	26	13	.....	.....	1	12	Fe [3] 13	Ja [3] 11	11	11	.....	.....	.....	44,884
21	Structural ironwork, not made in steel works or rolling mills.	5	49	4	2	2	2	39	No [3] 43	Ap [3] 36	38	38	.....	.....	.....	111,36
22	Tobacco, cigars	9	13	10	.....	.....	.....	3	Je [3] 4	Ja [3] 2	3	3	.....	.....	.....	12,161
23	All other industries*	104	14,002	72	333	699	362	12,536	.....	.....	15,176	12,276	2,759	43	98	35,268,531

*All other industries embrace—

Ammunition	1
Automobile bodies and parts	1
Awnings, tents, and sails	3
Baking powders	1
Baskets, and rattan and willow ware	1
Bookbinding and blank-book making	2
Boxes, set-up paper boxes	3
Boxes, wooden packing, except cigar boxes	1
Buttons	2
Chemicals	1
Cleansing preparations	1
Clothing, men's	2
Coal-tar products	1
Corsets, waists	1
Dairymen's and poultrymen's supplies	2
Druggists' preparations	1
Electrical machinery, apparatus, and supplies	5
Fancy articles, not elsewhere specified	4
Feathers and plumes	1
Fireworks	1
Flavoring extracts	1
Fur goods	2
Furnishing goods, men's, neckwear	1
Furs, dressed	1
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	1
Hair work	1
Hardware	1
Hats, fur-felt	1
Hats, straw	1
Ice, manufactured	2
Ink, printing	1
Instruments, professional and scientific	1
Iron and steel forgings, not made in steel works or rolling mills	1
Iron and steel, welding	1
Knit goods	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.				Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.[a]	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
1,829,950	1,647,148	24,228,307	154,094	98,244	1,600,096	37,725,222	1,906,536	76,440,515	36,808,707	36,630	16,363	13,318	400	.....	6,549	23,503	1
1,300	300	18,961	.....	690	4,991	19,876	.....	47,210	27,334	.....	.....	.....	.....	.....	.....	.....	2
4,255	2,323	28,674	.....	5,700	715	30,336	817	78,482	47,329	19	.....	.....	.....	.....	19	.....	3
.....	15,464	170,448	.....	10,060	3,000	659,284	25,090	1,064,899	380,525	131	2	.....	.....	.....	129	.....	4
.....	3,200	17,615	.....	144	435	34,911	1,435	72,178	35,832	21	4	.....	.....	.....	17	.....	5
56,445	72,621	238,791	.....	.....	45,475	635,657	106,409	1,680,055	937,989	1,139	423	.....	50	.....	666	200	6
2,000	3,610	147,282	.....	6,301	364	140,707	2,011	324,817	182,099	36	.....	.....	13	.....	23	.....	7
169,950	120,171	904,924	125,000	16,153	54,271	1,316,112	130,256	3,345,518	1,899,150	984	.....	.....	40	.....	944	.....	8
.....	.....	1,653	.....	776	22	21,579	1,251	29,542	6,712	36	.....	.....	15	.....	21	.....	9
141,106	112,043	939,483	1,000	7,338	30,870	1,034,566	62,328	2,720,511	1,623,617	1,728	1,246	.....	60	.....	422	948	10
81,745	64,450	378,443	1,000	170	16,423	477,859	32,382	1,332,105	821,864	1,022	656	.....	30	.....	336	333	11
59,361	47,593	561,040	.....	7,168	14,447	556,707	29,946	1,388,406	801,753	706	590	.....	30	.....	86	615	12
28,100	13,647	85,934	.....	300	9,151	370,361	5,174	631,113	255,578	345	255	.....	.....	.....	90	.....	13
.....	1,472	14,974	.....	180	485	25,115	587	50,332	24,630	18	.....	.....	8	.....	10	.....	14
4,000	3,000	14,900	.....	600	2,537	34,722	1,882	124,479	87,875	51	20	.....	11	.....	20	.....	15
.....	.....	11,993	.....	1,140	200	17,675	1,569	41,477	22,233	28	8	.....	4	.....	16	.....	16
80,374	76,213	212,389	.....	1,800	276,894	3,049,271	34,334	4,207,166	1,123,561	269	229	.....	.....	.....	40	.....	17
9,641	5,520	44,124	.....	2,866	428	70,988	2,442	191,002	117,572	47	.....	.....	.....	.....	47	.....	18
.....	1,200	1,680	.....	1,080	404	36,561	1,306	62,473	24,606	38	.....	.....	15	.....	23	.....	19
1,332,779	1,216,364	21,374,482	28,094	43,116	1,169,764	30,227,501	1,529,695	61,769,261	30,012,065	31,740	14,176	13,318	184	.....	4,062	22,355	20

Liquors, malt..... 2
Lithographing..... 1
Machine tools..... 3
Mattresses and spring beds, not elsewhere specified..... 1
Millinery, trimmed hats and hat frames..... 2
Minerals and earths, ground or otherwise treated..... 2
Paper and wood pulp..... 1
Patent and proprietary compounds, not elsewhere specified..... 2
Photo-engraving..... 1
Pottery, chinaware..... 1
Printing and publishing, newspapers and periodicals..... 5
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 1
Saddlery and harness..... 2
Sewing machines..... 1
Shipbuilding, steel..... 2
Shirts..... 3
Stationery goods, not elsewhere specified..... 1
Steam fittings and steam and hot-water heating apparatus..... 1
Stoves, gas and oil..... 1
Structural ironwork, not made in steel works or rolling mills..... 3
Sulphuric, nitric, and mixed acids..... 2
Surgical appliances..... 1
Textile machinery and parts..... 1
Tobacco, cigars..... 6
Tools, not elsewhere specified..... 3
Toys and games..... 1
Umbrellas and canes..... 1
Washing machines and clothes wringers..... 1
Wire..... 1
Wooden goods, not elsewhere specified..... 1

2,423,079	1,921,863	21,491,676	345,092	406,007	1,534,008	30,163,906	863,992	70,311,540	39,283,642	20,844	8,778	2,785	153	.....	9,128	5,771	1
1,800	.....	11,235	.....	1,424	122	39,358	631	65,119	25,130	18	.....	.....	.....	.....	18	.....	2
34,850	14,943	149,737	750	1,700	4,893	517,957	19,985	852,957	315,015	133	.....	.....	.....	.....	133	.....	3
33,963	26,212	854,964	.....	31,528	67,437	2,183,084	70,917	3,700,032	1,446,031	784	470	.....	12	.....	302	410	4
3,120	.....	18,125	.....	840	901	25,010	1,313	71,049	44,726	32	.....	.....	12	.....	20	.....	5
17,330	8,593	72,290	.....	3,270	2,669	737,317	12,373	886,238	136,548	357	.....	.....	.....	.....	357	.....	6
4,550	15,417	187,083	5,520	12,874	344	277,387	4,000	592,746	311,359	34	.....	.....	.....	.....	34	.....	7
380	15,417	100,484	4,820	9,564	15	272,027	1,819	446,454	172,608	17	.....	.....	.....	.....	17	.....	8
4,170	.....	86,599	700	3,310	329	5,360	2,181	146,292	138,751	17	.....	.....	.....	.....	17	.....	9
17,680	20,695	109,848	1,040	6,014	22,079	510,811	9,240	741,238	221,187	96	75	.....	.....	.....	21	10	10
26,487	11,024	143,449	.....	5,000	15,746	558,203	1,477	912,057	352,377	110	100	.....	.....	.....	10	32	11
14,713	10,764	93,823	.....	5,302	951	120,478	1,827	265,879	143,574	110	.....	.....	.....	.....	110	.....	12
79,992	26,937	132,814	.....	8,200	13,661	94,139	12,991	536,837	429,707	255	255	.....	.....	.....	.....	.....	13
19,437	19,109	82,657	.....	9,762	2,167	1,305,615	9,919	1,691,058	315,524	194	80	.....	47	.....	67	.....	14
327,515	130,354	1,595,983	10,422	18,126	123,150	1,384,445	59,284	4,500,887	3,057,158	2,013	855	.....	29	.....	1,129	325	15
241,158	82,756	728,157	.....	11,385	135,339	1,153,615	30,470	2,947,994	1,763,909	1,303	1,065	150	.....	.....	88	1,515	16
30,510	6,981	95,091	15,022	10,097	2,120	139,432	9,193	337,036	188,411	314	180	.....	.....	.....	134	.....	17
1,300	2,617	29,742	4,125	3,304	225	78,886	617	143,633	64,130	4	.....	.....	.....	.....	4	.....	18
2,080	.....	14,007	.....	342	701	47,661	605	74,381	26,115	9	.....	.....	.....	.....	9	.....	19
.....	520	17,514	716	3,052	135	21,850	1,034	68,055	45,171	24	.....	.....	.....	.....	24	.....	20
2,760	4,168	40,821	2,721	165	1,075	37,551	1,745	122,899	83,603	46	.....	.....	8	.....	38	.....	21
.....	.....	1,571	.....	703	2,116	8,283	204	19,160	10,673	.....	.....	.....	.....	.....	.....	.....	22
1,563,824	1,540,773	17,112,765	304,776	272,919	1,138,177	20,862,824	616,167	51,782,285	30,303,294	15,008	5,698	2,635	45	.....	6,630	3,479	23

Leather goods, not elsewhere specified. 2
Leather, tanned, curried, and finished..... 1
Looking-glass and picture frames..... 1
Marble and stone work, except slate. 2
Mattresses and spring beds, not elsewhere specified..... 1
Models and patterns, not including paper patterns..... 2
Paints..... 2
Paper and wood pulp..... 1
Patent and proprietary compounds, not elsewhere specified..... 2
Pencils, lead..... 1
Perfumery and cosmetics..... 2
Printing and publishing, newspapers and periodicals..... 3
Printing materials..... 1
Saddlery and harness..... 1
Sausage, not made in slaughtering and meat-packing establishments. 4
Shipbuilding, steel, repair work only. 2
Shipbuilding, wooden, repair work only..... 1
Silk goods..... 3
Slaughtering and meat packing..... 1
Smelting and refining, not from the ore..... 1
Soap..... 2
Soda-water apparatus..... 2
Sporting and athletic goods..... 1
Stationery goods, not elsewhere specified..... 1
Statuary and art goods..... 1
Surgical appliances..... 1
Tin foil..... 1
Tinware, not elsewhere specified..... 1
Toys and games..... 1
Trunks and valises..... 1
Varnishes..... 1
Window shades and fixtures..... 2
Wood, turned and carved..... 2

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

TABLE 42.—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	JERSEY CITY—All industries.	896	45,947	764	1,764	4,443	1,995	36,981	De 38,223	Ap 35,571	39,606	28,591	10,167	370	478	Dollars. 264,086,115
2	Automobile bodies and parts	12	319	11	9	25	10	264	Au 285	Oc 234	272	272	.....	.....	.....	790,065
3	Automobile repairing	26	114	30	6	5	3	70	Au[3] 77	Fe 60	76	76	.....	.....	.....	130,247
4	Awnings, tents, and sails	8	53	4	13	2	5	29	Je 46	Fe 22	37	23	14	.....	.....	115,155
5	Bookbinding and blank-book making	6	23	9	.....	.....	.....	14	Fe 15	De 13	14	7	7	.....	.....	17,299
6	Boxes, paper and other, not elsewhere specified.	7	696	2	20	29	13	632	Ja 725	Fe 547	668	281	356	8	23	1,252,388
7	Brass and bronze products	8	322	4	17	17	6	278	Fe 355	Je 228	297	289	5	3	.....	1,289,703
8	Bread and other bakery products	129	1,419	137	27	40	60	1,155	Oc 1,262	My 1,050	1,230	866	361	1	2	10,369,831
9	Carriages and wagons, including repairs.	13	65	16	.....	1	.....	48	Fe[3] 51	Se[3] 45	46	46	.....	.....	.....	146,335
10	Cars and general shop construction and repairs by steam-railroad companies.	5	2,734	.....	137	71	39	2,487	Fe 2,614	Ap 2,330	2,545	2,539	6	.....	.....	2,565,205
11	Chemicals	8	663	2	39	42	19	561	Fe 621	Ap 464	638	575	63	.....	.....	3,996,438
12	China decorating	3	31	3	.....	.....	.....	28	Oc[3] 34	Ja 22	34	16	15	.....	3	42,936
13	Clothing, men's	5	72	7	1	1	.....	63	Ap[3] 70	Ja 53	68	44	17	7	.....	160,767
14	Clothing, women's	25	507	32	19	18	3	435	.....	.....	507	36	471	.....	.....	302,225
15	Regular factory products	8	175	11	9	16	3	136	Fe[3] 144	My 123	144	6	138	.....	.....	321,315
16	Contract work	17	332	21	10	2	.....	299	Au 359	Ap 263	363	30	333	.....	.....	70,910
17	Confectionery and ice cream	26	684	23	25	35	15	586	.....	.....	646	348	247	9	42	1,847,758
18	Confectionery	8	576	7	17	31	14	507	Fe 572	Je 429	569	288	230	9	42	1,619,504
19	Ice cream	18	108	16	8	4	1	79	Jy 107	Ja[3] 53	77	60	17	.....	.....	228,294
20	Cooperage	14	271	10	16	6	5	234	No[3] 254	Je 216	254	253	.....	1	.....	734,355
21	Copper, tin, and sheet-iron work	19	204	16	21	13	6	148	De 187	Je 108	188	184	.....	3	1	608,967
22	Dyeing and finishing textiles, exclusive of that done in textile mills.	9	219	6	12	18	9	174	No 199	Mh 144	197	154	43	.....	.....	440,839
23	Dyestuffs and extracts—natural	5	103	1	17	12	7	66	De 71	Jy 59	71	71	.....	.....	.....	583,855
24	Electrical machinery, apparatus, and supplies.	14	1,575	5	59	144	82	1,285	No 1,558	Mh 1,143	1,496	844	577	55	20	3,451,91
25	Fancy articles, not elsewhere specified.	6	69	7	2	.....	1	59	No 74	Ja[3] 49	65	13	50	.....	2	64,737
26	Food preparations, not elsewhere specified.	11	519	15	30	58	20	396	Ja 445	My 361	434	294	111	11	18	1,785,829
27	Foundry and machine-shop products.	43	2,033	26	126	212	103	1,566	.....	.....	1,825	1,721	101	2	1	7,948,610
28	Boiler shops and foundries	6	198	5	11	9	8	165	De 224	Ap 137	224	224	.....	.....	.....	343,271
29	Machine shops, and machine shop and foundry combined.	37	1,835	21	115	203	95	1,401	Ja 1,916	Jy 1,065	1,601	1,497	101	2	1	7,605,339
30	Furniture	8	386	7	13	46	20	300	No 323	Ap 283	313	306	6	1	.....	1,395,151
31	Gold, leaf and foil	3	38	7	.....	.....	.....	31	De 35	Mh[3] 28	35	17	18	.....	.....	35,269
32	Hats and caps, other than felt, straw, and wool.	6	29	7	.....	.....	.....	22	(4) 22	(4) 22	23	14	9	.....	.....	11,595
33	House-furnishing goods, not elsewhere specified.	5	34	3	7	.....	1	23	Jy 36	Mh[3] 11	35	7	26	.....	2	80,888
34	Iron and steel forgings, not made in steel works or rolling mills.	3	71	3	6	8	1	53	Ja 85	Jy 37	63	63	.....	.....	.....	351,816
35	Knit goods	19	372	26	8	22	12	304	No 345	Ja 232	352	138	206	.....	8	1,041,780
36	Lumber, planing-mill products, not including planing mills connected with sawmills.	12	176	4	14	8	5	145	Se 172	Fe 109	180	180	.....	.....	.....	674,131
37	Marble and stone work, except slate	9	69	12	5	1	4	47	Oc 55	Mh 31	56	56	.....	.....	.....	98,647
38	Mattresses and spring beds, not elsewhere specified.	6	44	4	8	3	.....	29	Ap 33	Ja 26	28	25	3	.....	.....	141,561
39	Millinery and lace goods, not elsewhere specified.	43	697	55	20	29	4	589	.....	.....	647	75	553	1	18	1,299,046
40	Embroideries	31	377	43	9	8	2	315	My 385	Au 246	333	59	260	1	13	356,345
41	All other	12	320	12	11	21	2	274	My 283	Ja 239	314	16	293	.....	5	942,701
42	Mineral and carbonated waters	11	76	14	4	6	2	50	Jy 62	Ja 41	45	45	.....	.....	.....	141,588
43	Models and patterns, not including paper patterns.	7	161	8	9	3	5	136	Au 152	Ja 111	150	148	1	1	.....	402,045
44	Paints	8	267	1	23	43	15	185	Se 200	Ja 163	198	162	36	.....	.....	1,676,476
45	Paper and wood pulp	4	317	.....	20	8	7	282	Mh 301	Je 254	292	191	69	20	12	1,654,415
46	Patent medicines and compounds	12	198	4	25	44	19	106	Mh 118	Jy[3] 91	111	60	46	.....	5	497,516
47	Printing and publishing, book and job.	37	492	40	17	13	15	407	De 556	Au 297	559	464	85	10	.....	1,676,654
48	Shipbuilding, wooden, including boat building.	6	379	2	19	11	7	340	De 398	Mh[3] 281	398	398	.....	.....	.....	880,102
49	Signs and advertising novelties	4	12	4	.....	.....	.....	8	(4) 8	(4) 8	8	7	1	.....	.....	6,359
50	Silk goods	5	711	3	11	36	9	652	De 734	Mh 353	734	330	393	8	3	2,190,590
51	Slaughtering and meat packing	12	2,579	7	53	380	147	1,992	Ja 2,146	No 1,174	2,047	1,844	202	1	.....	13,737,769
52	Steam packing	5	263	1	22	11	22	207	Se 316	Jy 130	213	185	28	.....	.....	1,845,247
53	Structural ironwork, not made in steel works or rolling mills.	9	240	5	14	13	1	207	Oc 239	Je 172	169	169	.....	.....	.....	770,093

[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]		
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
7,789,554	8,131,740	42,613,091	1,169,170	786,642	15,371,401	257,905,399	5,515,821	374,182,924	110,761,704	78,897	42,349	5,857	3,452	.....	27,239	20,870	1
36,827	47,540	346,526	600	11,883	27,780	424,261	20,252	1,087,413	642,900	534	25	.....	87	.....	422	8	2
11,225	8,168	95,000	60	19,518	1,024	109,779	6,035	318,129	202,315	143	.....	.....	22	.....	121	.....	3
18,518	7,871	30,302	.....	5,666	1,828	111,267	1,503	202,148	89,378	34	10	.....	10	.....	14	.....	4
.....	.....	13,198	1,054	1,932	6	6,520	474	31,878	24,884	4	.....	.....	.....	.....	4	.....	5
75,128	74,696	495,399	5,049	17,297	22,047	697,041	18,982	1,473,640	757,617	674	175	.....	17	.....	482	.....	6
75,389	23,873	335,747	.....	554	82,973	2,482,792	60,569	3,350,864	807,503	599	25	10	20	.....	544	.....	7
130,386	80,205	1,456,693	.....	101,776	43,810	8,850,394	147,446	12,201,220	3,203,380	7,226	305	400	.....	.....	6,521	590	8
.....	1,872	71,067	4,836	2,072	2,256	58,825	3,932	204,827	142,070	119	.....	.....	70	.....	49	.....	9
328,546	131,817	3,868,189	.....	.....	43,695	3,097,784	212,399	7,729,037	4,418,854	7,352	4,217	2,035	83	.....	1,017	1,949	10
272,682	78,966	766,068	.....	18,629	253,340	3,885,110	259,036	7,023,242	2,879,096	1,660	765	.....	.....	.....	895	167	11
.....	.....	26,510	.....	902	266	11,721	2,253	47,534	33,560	6	.....	.....	.....	.....	6	.....	12
3,380	260	87,276	61,379	1,080	930	145,351	2,825	323,242	175,066	22	.....	.....	.....	.....	22	.....	13
35,661	28,715	350,266	13,200	18,040	624	659,723	6,998	1,226,295	559,574	82	.....	.....	.....	.....	82	.....	14
23,112	26,295	116,270	9,681	7,618	170	595,303	2,650	864,892	266,939	22	.....	.....	.....	.....	22	.....	15
12,549	2,420	233,996	3,579	10,422	454	64,420	4,348	361,403	292,635	60	.....	.....	.....	.....	60	.....	16
66,994	99,787	471,255	.....	27,429	111,497	2,203,326	40,925	3,695,997	1,451,746	770	315	.....	79	.....	376	122	17
45,803	94,123	399,493	.....	17,132	107,059	1,824,401	28,838	3,053,118	1,199,879	610	315	.....	60	.....	235	122	18
21,191	5,664	71,762	.....	10,297	4,438	378,925	12,087	642,879	251,867	160	.....	.....	19	.....	141	.....	19
65,497	14,333	315,510	.....	14,447	39,386	1,295,867	9,440	1,921,253	615,946	260	111	.....	.....	.....	149	.....	20
58,508	25,491	212,399	10,320	9,374	11,221	516,205	5,427	951,185	429,553	335	.....	.....	67	.....	268	.....	21
32,028	21,840	205,662	.....	7,010	11,489	306,248	30,309	861,215	434,658	420	333	.....	13	.....	74	.....	22
79,057	34,458	67,001	.....	3,573	23,400	685,631	20,745	1,000,619	294,243	393	.....	250	.....	.....	143	.....	23
223,801	253,027	1,277,701	.....	12,454	161,134	3,095,941	53,567	7,395,196	4,245,688	944	612	.....	66	.....	266	429	24
3,830	832	54,562	5,879	4,602	17	122,179	452	245,183	122,552	7	.....	.....	.....	.....	7	.....	25
130,491	121,766	371,212	.....	6,942	78,498	2,343,611	60,303	3,653,788	1,249,874	1,302	925	150	78	.....	149	1,050	26
560,417	342,107	2,192,711	27,679	57,186	303,834	5,505,131	89,748	10,433,621	4,838,742	3,107	1,079	.....	481	.....	1,547	746	27
35,214	16,166	265,195	.....	12,922	4,798	230,166	17,128	694,528	447,234	229	94	.....	105	.....	30	.....	28
525,203	325,941	1,927,516	27,679	44,264	299,036	5,274,965	72,620	9,739,093	4,391,508	2,878	985	.....	376	.....	1,517	746	29
67,485	77,219	346,328	.....	12,640	38,344	1,017,092	12,571	1,856,360	826,697	526	400	.....	.....	.....	126	25	30
.....	.....	28,755	780	300	125	33,912	485	83,695	49,298	8	.....	.....	3	.....	5	.....	31
.....	.....	20,900	3,400	2,244	200	25,502	1,787	71,532	44,243	19	12	.....	.....	.....	7	.....	32
8,100	860	15,296	.....	2,608	247	57,610	1,145	100,131	41,376	35	.....	.....	.....	.....	35	.....	33
33,980	12,823	77,588	.....	1,500	7,706	57,099	17,950	215,904	140,855	500	210	.....	.....	.....	290	.....	34
40,040	61,160	276,545	27,740	6,820	14,574	761,651	16,374	1,433,224	655,199	155	65	.....	10	.....	80	26	35
48,100	13,974	191,193	11,517	5,651	20,818	512,149	12,244	983,689	459,296	741	485	.....	87	.....	169	400	36
7,602	4,047	62,974	.....	1,838	906	88,780	2,143	208,779	117,856	86	.....	.....	.....	.....	86	.....	37
22,095	3,308	47,112	.....	2,185	3,034	107,998	1,229	214,074	104,847	39	.....	.....	20	.....	19	.....	38
100,713	49,944	411,427	103,239	13,434	30,979	2,867,823	13,641	3,898,898	1,017,434	112	.....	.....	6	.....	106	.....	39
16,669	7,384	216,698	52,088	8,018	4,692	307,053	7,569	764,831	450,209	79	.....	.....	6	.....	73	.....	40
84,044	42,560	194,729	51,151	5,416	26,287	2,560,770	6,072	3,134,067	567,225	33	.....	.....	.....	.....	33	.....	41
5,720	8,026	47,885	1,700	5,600	13,147	131,945	2,532	245,803	111,326	51	.....	.....	.....	.....	51	.....	42
35,490	13,162	174,677	2,240	5,859	3,680	54,512	3,031	313,104	255,561	272	.....	.....	.....	.....	272	.....	43
132,157	99,503	218,415	6,807	7,600	48,008	1,336,421	14,559	2,177,431	826,451	655	400	.....	25	.....	230	.....	44
73,469	20,793	277,599	.....	65	20,273	541,803	148,552	1,148,921	458,566	2,394	1,950	.....	.....	.....	444	233	45
33,385	71,894	83,064	.....	6,886	13,620	447,066	9,992	933,901	476,843	171	55	.....	72	.....	44	15	46
80,394	43,646	646,788	12,324	15,021	14,168	580,095	28,129	1,595,031	986,807	416	250	.....	45	.....	121	200	47
95,262	28,093	528,954	16,560	15,870	33,743	598,695	9,008	1,579,818	972,115	345	220	.....	15	.....	110	.....	48
.....	.....	7,788	.....	652	.....	6,150	497	24,410	17,763	7	.....	.....	.....	.....	7	.....	49
177,719	102,439	625,241	410,602	3,700	127,723	1,704,313	33,872	3,377,846	1,639,661	1,106	1,060	.....	.....	.....	46	254	50
230,775	696,574	2,713,879	250,962	54,194	178,350	70,903,987	265,237	78,236,075	7,066,851	5,289	3,611	847	.....	.....	831	1,454	51
97,879	34,999	282,495	.....	6,000	25,022	678,383	12,602	1,360,975	669,990	750	665	.....	.....	.....	85	.....	52
42,180	20,212	259,645	.....	3,928	12,691	492,823	26,441	983,133	463,869	439	150	.....	155	.....	134	280	53

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

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

TABLE 42.—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.
	JERSEY CITY—Continued.															*Dollars.*
1	Tobacco, cigars and cigarettes	34	1,527	29	66	55	24	1,353	De 1,690	Au 823	1,797	427	1,268	9	93	8,739,741
2	Toys and games	4	49	6	.....	.....	.....	43	Je 53	Ja 18	39	13	26	.....	.....	28,614
3	Wirework, not elsewhere specified	3	13	2	1	.....	.....	10	Jy[3] 12	No[3] 8	15	2	9	4	.....	11,220
4	Wood, turned and carved	3	47	6	.....	.....	2	39	([4]) 39	([4]) 39	40	26	14	.....	.....	144,279
5	All other industries*	216	24,005	138	803	2,954	1,267	18,843	.....	.....	19,451	14,287	4,724	215	225	185,798,170

*All other industries embrace—

Artificial flowers 1
Artificial stone products 1
Artists' materials, crayons 1
Babbitt and type metal 3
Bags, other than paper, not including bags made in textile mills 3
Baking powders 1
Belting and hose, woven, other than rubber 1
Billiard tables and accessories 2
Blacking, stains, and dressings 3
Boot and shoe cut stock 1
Boots and shoes 1
Boxes, wooden packing, except cigar boxes 3
Brooms, from broom corn 2
Brushes 1
Buttons 1
Canning and preserving, fish 1
Canning and preserving, vegetables 1
Carriages and sleds, children's 1
Cars and general shop construction and repairs by electric-railroad companies 1
Chocolate and cocoa products 2
Cleansing and polishing preparations 2
Coal-tar products 3
Coffee, roasting and grinding 1
Coffins, burial cases, and undertakers' goods 1
Collars and cuffs, men's 1
Cordage and twine 1
Cordials and flavoring sirups 2
Cork, cutting 1
Corsets, brassieres 1
Cotton goods 1
Crucibles, graphite 1
Cutlery and edge tools, razors, scissors, shears, and clippers 2
Dental goods 2
Drug grinding 2
Druggists' preparations 2
Electroplating 1
Emery and other abrasive wheels 1
Engines, steam, gas, and water 2
Engravers' materials 1
Engraving, steel and copper plate, including plate printing 3
Fertilizers 1
Fireworks 2
Flavoring extracts 3
Fur goods 2
Furnishing goods, men's 2
Furs, dressed 1
Galvanizing 2
Gas and electric fixtures 3
Gas, illuminating and heating 3
Glass, cutting, staining, and ornamenting 3
Gloves and mittens, leather 1
Glue, not elsewhere specified 2
Grease and tallow, not including lubricating greases 1
Hair work 2
Hardware 2
Ice, manufactured 1
Ink, printing 3
Instruments, professional and scientific 2
Iron and steel, steel works and rolling mills 2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills 1
Iron and steel, tempering and welding 2
Iron and steel, wrought pipe 1
Ivory, shell, and bone work, not including combs and hairpins 1
Jewelry and instrument cases 6

1	**NEWARK**—All industries	2,155	104,044	1,646	4,296	7,271	4,124	86,707	Oc 90,541	Fe 81,528	90,811	67,450	22,330	536	495	422,569,320
2	Automobile bodies and parts	28	916	26	46	35	39	770	De 839	Fe 706	859	711	148	.....	.....	1,822,364
3	Automobile repairing	51	641	28	37	45	37	494	My[3] 508	Mh 471	513	512	1	.....	.....	1,027,172
4	Awnings, tents, and sails	7	45	4	6	2	2	31	My 44	Fe 22	34	18	15	1	.....	61,078
5	Bookbinding and blank-book making.	13	124	16	2	1	.....	105	Au 110	Ja 97	104	49	55	.....	.....	95,783
6	Boots and shoes	9	1,091	2	39	44	38	968	De 1,034	Ja 866	1,039	627	355	27	30	3,028,489
7	Boxes, paper and other, not elsewhere specified.	14	860	7	44	19	20	770	Jy 826	Ja 709	803	220	540	8	35	1,224,957
8	Brass, bronze, and copper products	20	531	15	32	55	28	401	Oc 448	Ja 351	428	386	36	4	2	2,285,038
9	Bread and other bakery products	214	2,336	219	54	527	77	1,459	De 1,584	Ja 1,367	1,596	1,377	198	15	6	4,683,655
10	Brushes	10	792	3	27	34	28	700	De 762	Ja 648	764	496	241	13	14	2,540,622
11	Buttons	30	1,925	22	64	28	17	1,794	De 1,909	Mh 1,686	1,884	1,321	546	6	11	2,643,790
12	Carriages and wagons, including repairs.	8	40	12	1	.....	.....	27	Au 30	De 25	25	25	.....	.....	.....	100,518
13	Chemicals	11	2,953	.....	79	240	159	2,475	De 2,717	Ap 2,236	2,717	2,041	670	4	2	18,313,506
14	Cleansing and polishing preparations	7	56	2	10	13	6	25	Je 29	Ja 20	30	25	5	.....	.....	426,056
15	Clothing, men's	91	2,445	135	50	9	30	2,221	.....	.....	2,843	1,727	1,112	1	3	1,553,336
16	Regular factory products	12	441	4	41	7	14	375	No 543	Ja 253	521	278	241	.....	2	1,081,476
17	Contract work	79	2,004	131	9	2	16	1,846	De 2,115	Ja 1,392	2,322	1,449	871	1	1	471,860
18	Clothing, men's, buttonholes	3	7	3	.....	.....	.....	4	([4]) 4	([4]) 4	4	3	1	.....	.....	810
19	Clothing, women's	38	1,430	33	57	20	43	1,277	.....	.....	1,318	158	1,156	.....	4	1,779,319
20	Regular factory products	18	1,055	16	46	19	32	942	Au 983	De 887	903	115	784	.....	4	1,514,761
21	Contract work	20	375	17	11	1	11	335	No 387	Fe 263	415	43	372	.....	.....	264,558
22	Coal-tar products	9	1,797	.....	150	169	38	1,440	De 1,895	Fe 723	1,914	1,892	13	2	7	18,611,451
23	Confectionery and ice cream	26	1,365	18	31	109	42	1,165	.....	.....	1,362	512	842	4	4	1,573,433
24	Confectionery	13	1,188	6	21	103	40	1,018	Oc 1,903	De 623	1,176	335	833	4	4	1,128,493
25	Ice cream	13	177	12	10	6	2	147	Jy 182	Ja[3] 110	186	177	9	.....	.....	444,940
26	Cooperage	7	47	3	7	.....	3	34	Au 36	Ja[3] 33	36	36	.....	.....	.....	183,434
27	Copper, tin, and sheet-iron work	24	297	27	15	14	12	229	De 264	Fe 190	262	256	4	2	.....	578,801
28	Corsets	14	2,375	4	58	160	214	1,939	De 2,077	Mh 1,799	2,086	201	1,855	2	28	5,171,539
29	Cutlery and edge tools	18	1,522	10	42	79	53	1,338	De 1,522	Au 1,090	1,529	1,267	201	58	3	2,684,476
30	Electrical machinery, apparatus, and supplies.	31	10,136	6	358	630	556	8,586	De 9,240	Au 8,169	9,240	6,017	3,184	8	31	39,627,934
31	Electroplating	15	92	20	1	2	2	67	No 82	Fe 55	76	68	5	3	.....	92,789
32	Engines, steam, gas, and water	6	323	1	22	22	9	269	De 282	Ap 259	282	273	9	.....	.....	1,325,030
33	Engraving and diesinking	24	128	25	5	3	3	92	De[3] 102	Ja[3] 89	102	89	7	6	.....	98,738
34	Engraving, steel and copper plate, including plate printing.	7	99	8	2	2	4	83	No 100	Ja 71	100	88	10	.....	2	171,976
35	Fancy articles, not elsewhere specified.	33	1,432	17	59	65	67	1,224	Mh 1,313	Se 1,167	1,225	746	446	15	18	2,476,269
36	Flavoring extracts	7	51	5	3	12	3	28	Jy 32	No 23	28	16	12	.....	.....	150,396
37	Food preparations, not elsewhere specified.	28	320	26	28	40	29	197	Ja 215	Jy[3] 184	197	138	54	1	4	1,317,019
38	Foundry and machine-shop products.	93	4,183	60	192	292	130	3,509	.....	.....	3,794	3,485	202	98	9	15,186,212
39	Machine shops	79	2,721	54	142	218	107	2,200	De 2,398	Ja 2,054	2,399	2,111	185	98	5	11,674,699
40	All other	14	1,462	6	50	74	23	1,309	De 1,392	My 1,248	1,395	1,374	17	.....	4	3,511,513
41	Fur goods	9	37	10	.....	2	2	23	No 28	Jy[3] 20	23	9	14	.....	.....	104,195
42	Furniture	16	195	15	16	7	8	149	.....	.....	160	160	.....	.....	.....	540,932
43	Wood, other than rattan and willow, and metal.	8	139	6	8	6	7	112	No 138	Je 96	116	116	.....	.....	.....	500,035
44	Store and office fixtures	8	56	9	8	1	1	37	No 47	Ja 30	44	44	.....	.....	.....	40,897

[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]		
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
124,905	69,613	1,116,185	2,924	9,831	2,911,026	4,010,510	26,544	8,799,033	4,762,879	1,010	40	.....	.....	.....	970	.....	1
.....	1,808	18,218	4,709	2,408	156	20,693	715	60,077	38,669	11	.....	.....	6	.....	5	.....	2
1,100	.....	6,146	.....	983	59	7,723	290	21,518	13,505	5	.....	.....	.....	.....	5	.....	3
.....	2,080	32,575	.....	660	1,874	105,576	4,301	162,119	52,242	146	125	.....	16	.....	5	.....	4
4,102,519	5,291,979	20,985,165	183,550	255,199	10,629,879	134,050,381	3,796,330	198,719,017	60,872,306	37,616	23,754	2,165	1,899	.....	9,798	12,922	5

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

18,692,717	16,641,604	104,321,765	1,997,002	2,960,550	17,176,160	329,990,956	7,970,712	577,608,564	239,646,896	139,791	70,913	3,664	4,015	23	61,176	36,836	1
138,991	99,475	970,034	1,343	31,068	40,529	1,442,561	45,125	3,357,946	1,870,260	766	535	.....	131	.....	100	35	2
70,735	77,676	715,402	7,100	79,482	14,288	675,917	23,599	1,822,419	1,122,903	419	100	.....	.....	.....	319	.....	3
16,590	2,715	27,935	.....	8,070	1,371	66,746	1,593	137,726	69,387	21	.....	.....	.....	.....	21	.....	4
3,170	520	98,422	219	8,444	726	49,588	2,977	217,045	164,480	29	.....	.....	2	.....	27	.....	5
160,093	205,585	980,486	88	22,451	81,038	3,055,834	27,678	5,331,339	2,247,827	811	525	.....	12	.....	274	135	6
157,476	69,166	493,925	637	33,101	44,094	905,289	16,325	2,250,851	1,329,237	450	100	.....	123	.....	227	.....	7
142,602	112,696	470,584	12,090	8,312	135,644	1,918,968	59,288	3,159,527	1,181,271	732	335	.....	87	.....	310	267	8
222,897	591,494	1,989,530	937	110,238	162,086	8,473,576	211,199	13,839,848	5,155,073	2,133	1,123	.....	129	18	863	611	9
131,350	166,856	671,425	2,803	6,787	20,759	1,936,396	37,839	3,171,993	1,197,758	527	200	.....	23	.....	304	135	10
241,954	59,390	1,728,338	4,654	71,701	85,774	2,163,566	67,728	4,994,502	2,763,208	1,729	1,110	.....	27	.....	592	55	11
1,040	.....	39,289	7,842	972	1,222	33,239	2,426	112,362	76,697	34	.....	.....	12	.....	22	.....	12
426,819	604,432	2,633,863	.....	7,352	296,995	6,401,308	336,403	14,953,344	8,215,633	3,705	2,115	1,492	1	.....	97	4,627	13
29,750	36,212	25,882	658	2,900	39,670	408,514	3,549	679,365	267,302	88	65	.....	.....	.....	23	.....	14
220,096	42,782	3,332,694	429,119	114,802	30,275	1,446,600	41,869	6,271,372	4,782,903	294	.....	.....	6	.....	288	.....	15
192,340	26,968	486,028	333,977	81,860	24,547	1,311,105	9,983	2,697,932	1,376,844	77	.....	.....	.....	.....	77	.....	16
27,256	15,814	2,846,666	95,142	32,942	5,728	135,495	31,886	3,573,440	3,406,059	217	.....	.....	6	.....	211	.....	17
.....	.....	4,204	.....	492	8	785	288	10,015	8,942	3	.....	.....	.....	.....	3	.....	18
142,699	217,157	1,076,396	115,626	55,835	81,849	3,092,518	13,917	5,668,915	2,562,480	397	150	.....	48	.....	199	43	19
115,893	185,471	788,411	92,324	40,467	80,412	2,977,808	9,705	5,086,033	2,098,520	294	150	.....	48	.....	96	43	20
26,806	31,686	287,985	23,302	15,368	1,437	114,710	4,212	582,882	463,060	103	.....	.....	.....	.....	103	.....	21
507,294	260,416	2,634,906	.....	465,468	252,300	6,971,891	492,222	11,596,070	4,131,957	8,511	3,650	.....	.....	.....	4,861	600	22
164,310	214,263	794,739	2,500	51,266	144,318	2,551,141	58,728	4,750,057	2,140,188	469	125	.....	25	.....	319	.....	23
131,026	197,897	670,937	.....	38,516	120,082	1,671,093	47,026	3,433,353	1,715,234	298	125	.....	.....	.....	173	.....	24
33,284	16,366	123,802	2,500	12,750	24,236	880,048	11,702	1,316,704	424,954	171	.....	.....	25	.....	146	.....	25
11,731	2,090	39,399	103	4,067	3,551	274,080	3,734	375,627	97,813	30	.....	.....	10	.....	20	.....	26
38,625	34,017	296,896	10,714	9,368	6,889	582,450	7,411	1,160,420	570,559	141	.....	.....	36	.....	105	.....	27
359,348	723,658	1,496,122	33,877	67,512	343,537	4,108,959	21,513	8,357,826	4,227,354	491	250	.....	60	.....	181	200	28
250,201	228,944	1,457,014	2,353	11,056	170,579	607,167	104,105	3,550,301	2,839,029	1,487	725	.....	135	.....	627	63	29
1,150,422	1,405,650	9,268,276	3,100	72,173	2,113,701	12,375,732	223,023	32,134,906	19,536,151	16,865	12,225	600	7	.....	4,033	12,730	30
1,800	3,584	78,463	100	7,443	971	48,854	3,937	190,928	138,137	118	.....	.....	20	.....	98	.....	31
108,065	49,834	371,044	.....	9,334	211,789	476,753	18,965	1,368,386	872,668	535	450	.....	55	.....	30	309	32
7,620	3,112	123,205	5,176	7,929	338	27,758	2,073	274,240	244,409	32	.....	.....	.....	.....	32	.....	33
5,937	11,267	135,247	3,177	7,780	774	29,648	5,105	310,108	275,355	70	.....	.....	.....	.....	70	.....	34
357,631	247,372	1,112,122	6,535	54,891	52,345	1,945,549	51,157	4,517,075	2,520,369	1,752	220	.....	152	.....	1,380	.....	35
7,551	21,307	21,067	926	1,080	3,540	116,256	1,119	224,831	107,456	19	.....	.....	7	.....	12	.....	36
70,731	77,784	164,207	.....	14,592	14,229	1,108,311	34,309	1,905,846	763,226	750	375	.....	47	.....	328	.....	37
788,361	615,119	4,581,186	17,670	113,590	678,854	4,335,855	259,928	13,979,236	9,383,453	4,853	2,450	.....	237	.....	2,166	781	38
478,782	494,740	2,745,497	13,935	69,556	503,627	2,417,598	123,372	8,903,551	6,362,581	2,818	850	.....	232	.....	1,736	80	39
309,579	120,379	1,835,689	3,735	44,034	175,227	1,918,257	136,556	5,075,685	3,020,872	2,035	1,600	.....	5	.....	430	701	40
.....	3,600	36,280	500	8,740	1,777	58,068	816	138,567	79,683	15	.....	.....	.....	.....	15	.....	41
44,865	16,346	211,925	479	19,642	5,659	582,232	11,609	1,063,394	469,553	234	40	.....	17	5	172	.....	42
25,080	14,758	151,405		[illegible]	[illegible]	487,984	10,641	855,503	356,878	173	40	.....	.....	.....	133	.....	43
19,785	1,588	60				94,248	968	207,891	112,675	61	.....	.....	17	5	39	.....	44

Lamps 1
Leather goods, not elsewhere specified 3
Leather, tanned, curried, and finished 3
Liquors, malt 1
Looking-glass and picture frames 1
Lumber and timber products 1
Minerals and earths, ground or otherwise treated 1
Mucilage, paste, and other adhesives, not elsewhere specified 1
Musical instruments and materials, not elsewhere specified 1
Musical instruments, piano materials 1
Oakum 1
Oil, castor 1
Oil, animal and composite 3
Oleomargarine and other butter substitutes 3
Paper goods, not elsewhere specified 1
Paving materials 1
Pencils, lead 3
Pens, fountain and stylographic 1
Petroleum, refining 1
Photographic apparatus 1
Photographic materials, motion-picture projection films 2
Pickles, preserves, and sauces 2
Pocketbooks 1
Printing and publishing, newspapers and periodicals 5
Pulp goods 1
Regalia, and society badges and emblems 2
Roofing materials 2
Rubber tires, tubes, and rubber goods, not elsewhere specified 2
Saddlery and harness 1
Sausage, not made in slaughtering and meat-packing establishments 1
Scales and balances 4
Screws, machine 1
Shipbuilding, steel, repair work only 1
Smelting and refining, not from the ore 2
Soap 5
Soda-water apparatus 1
Sporting and athletic goods 2
Springs, steel, carriage and wagon, not made in steel works or rolling mills 1
Stamped ware 1
Statuary and art goods 3
Steam fittings and steam and hot-water heating apparatus 1
Stoves and ranges 2
Stoves, gas and oil 1
Sugar, refining, not including beet sugar 1
Surgical appliances 1
Suspenders, garters, and elastic woven goods 3
Textile machinery and parts 3
Tinware, not elsewhere specified 1
Tobacco, chewing, and snuff 2
Tools, not elsewhere specified 2
Type founding 1
Umbrellas and canes 1
Upholstering materials, not elsewhere specified 1
Varnishes 3
Vinegar 1
Wall paper, not made in paper mills 1
Waste, cotton 1
Watches 1
Windmills 1
Window shades and fixtures 4
Wooden goods, not elsewhere specified 2
Wool pulling 1

[3] Sar

[2] other months.

[4] Same number reported throughout the year.

TABLE 42.—DETAILED STATEMENT OF ALL INDUSTRIES

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

	INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY. Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc. Male.	Clerks, etc. Female.	Wage earners. Average number.	Number, 15th day of— Maximum month.		Number, 15th day of— Minimum month.		WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. Total.[5]	16 and over. Male.	16 and over. Female.	Under 16. Male.	Under 16. Female.	Capital.
	NEWARK—Continued.																	*Dollars.*
1	Furs, dressed	9	1,067	4	26	14	8	1,015	My	1,116	De	894	1,215	1,015	197	2	1	1,847,137
2	Glass, cutting, staining, and ornamenting.	12	88	11	7	2	4	64	Ap	72	Se	57	61	35	26	.....	.....	160,920
3	Grease and tallow, not including lubricating greases.	5	49	5	2	.....	2	40	Je	45	Mh	37	39	38	1	.....	.....	242,609
4	Hardware	16	1,438	10	42	40	59	1,287	De	1,327	Je	1,257	1,313	1,014	263	24	12	3,703,323
5	Hardware, saddlery	7	155	6	11	3	4	131	Ja	146	Je	126	133	130	2	1	.....	607,470
6	Hat and cap materials	6	454	4	15	7	4	424	Au	479	Ja	358	440	215	225	.....	.....	4,526,854
7	Hats and caps, other than felt, straw, and wool.	5	10	6	.....	.....	.....	4	(3)	4	(3)	4	4	4	.....	.....	.....	13,431
8	Hats, fur-felt	18	1,759	16	59	50	15	1,619	No	1,841	Ja	1,347	1,813	1,386	424	3	.....	4,418,304
9	Instruments, professional and scientific.	7	184	2	16	9	5	152	My	175	Fe	114	168	156	5	2	5	1,390,817
10	Iron and steel, tempering and welding.	3	14	2	4	1	1	6	(3)	6	(3)	6	6	6	.....	.....	.....	35,796
11	Jewelry	165	4,144	151	280	277	293	3,143	De	3,431	Ja	2,660	3,429	2,590	787	34	18	21,145,949
12	Jewelry and instrument cases	7	109	7	4	.....	1	97	Ap	106	Ja	90	103	77	22	2	2	177,668
13	Knit goods	15	337	14	27	11	4	281	Oc	327	Se	222	317	102	214	1	.....	760,915
14	Leather goods, not elsewhere specified.	13	428	12	20	11	8	377	De	424	Ap[4]	328	424	319	105	.....	.....	516,704
15	Leather, tanned, curried, and finished.	55	3,471	22	182	95	46	3,126	De	3,415	Ja	2,757	3,365	3,252	111	2	.....	29,730,060
16	Liquors, malt	7	1,315	.....	87	172	16	1,040	Au	1,111	Mh	980	995	995	.....	.....	.....	16,137,568
17	Lithographing	3	17	1	5	.....	1	10	Oc[4]	16	Ja[4]	6	16	15	.....	1	.....	35,154
18	Looking-glass and picture frames	3	12	3	1	1	.....	7	Jy[4]	8	Ja[4]	6	9	8	.....	1	.....	42,000
19	Lumber, planing-mill products, not including planing mills connected with sawmills.	28	364	24	26	11	10	293	No	337	Ja	237	330	329	1	.....	.....	1,236,033
20	Machine tools	5	955	2	79	84	29	761	De	904	Mh	652	902	902	.....	.....	.....	2,066,375
21	Marble and stone work	19	149	14	20	6	1	108	De	169	Mh	51	173	173	.....	.....	.....	615,267
22	Mattresses and spring beds, not elsewhere specified.	9	112	9	8	4	8	83	No	92	Ja	77	88	76	12	.....	.....	446,169
23	Millinery and lace goods, not elsewhere specified.	9	326	6	11	26	6	277	My	304	Ja	250	262	37	195	1	29	932,511
24	Mineral and soda waters	19	130	22	11	2	2	93	Jy[4]	107	Fe[4]	81	90	84	3	3	.....	392,004
25	Mirrors, framed and unframed, not elsewhere specified.	3	16	3	3	1	.....	9	De	10	Jy	8	10	9	1	.....	.....	39,228
26	Models and patterns, not including paper patterns.	13	93	9	7	.....	3	74	No	85	Ja	67	81	81	.....	.....	.....	118,717
27	Oil, not elsewhere specified	8	280	2	21	68	21	168	Se	195	Fe	147	173	173	.....	.....	.....	1,829,643
28	Optical goods	10	275	4	17	7	8	239	De	253	Ja	227	254	126	123	5	.....	481,168
29	Paints	7	1,029	2	87	147	107	686	De	773	Ap	623	736	712	24	.....	.....	9,458,672
30	Paper goods, not elsewhere specified	8	221	5	20	28	18	150	De	164	Je	134	164	111	53	.....	.....	1,047,673
31	Patent medicines and compounds	19	82	10	11	17	10	34	Ja[4]	37	My[4]	32	40	24	16	.....	.....	153,683
32	Perfumery and cosmetics	7	217	.....	25	30	21	141	Mh	104	Je	125	142	52	90	.....	.....	1,950,784
33	Phonographs and graphophones	8	1,027	.....	72	15	37	903	Oc	1,120	Ja	635	628	383	239	6	.....	1,590,737
34	Photo-engraving	3	58	2	5	1	4	46	Je	50	Ja[4]	39	51	49	2	.....	.....	46,553
35	Pickles and sauces	10	75	10	7	1	5	52	Se	60	Fe	42	58	41	17	.....	.....	346,829
36	Printing and publishing, book and job.	98	1,253	92	93	52	52	964	.....		.....		1,095	760	318	12	5	5,623,881
37	Job printing	95	1,223	92	89	51	51	940	De	1,067	Ja	897	1,071	737	317	12	5	5,535,876
38	All other	3	30	.....	4	1	1	24	(3)	24	(3)	24	24	23	1	.....	.....	88,005
39	Printing and publishing, newspapers and periodicals.	22	904	9	54	208	73	560	.....		.....		545	498	38	9	.....	1,559,040
40	Printing, publishing, and job printing.	11	880	4	48	203	65	560	Ap	598	Au	521	545	498	38	9	.....	1,547,830
41	Publishing without printing	11	24	5	6	5	8	.....	.....		.....		.....	.....	.....	.....	.....	11,210
42	Regalia, and society badges and emblems.	4	69	3	5	1	3	57	Se	64	Ja	43	54	24	30	.....	.....	70,228
43	Rubber tires, tubes, and rubber goods, not elsewhere specified.	8	303	2	19	19	7	256	No	278	Ja	243	280	127	140	6	7	1,009,827
44	Saddlery and harness	9	17	8	2	.....	.....	7	Oc	10	No	5	10	10	.....	.....	.....	47,505
45	Sausage, not made in slaughtering and meat-packing establishments.	7	51	7	.....	2	5	37	No[4]	40	Ap[4]	35	40	40	.....	.....	.....	123,482
46	Screws, machine	3	21	3	2	1	1	14	Se	21	Fe	5	18	17	1	.....	.....	43,071
47	Silversmithing and silverware	13	1,006	6	50	62	78	810	No	924	Ja	674	918	702	209	2	5	2,112,386
48	Slaughtering and meat packing	7	662	6	11	92	23	530	Ja	611	Au	484	595	532	63	.....	.....	1,619,836
49	Stamped ware, not elsewhere specified.	20	2,184	12	60	99	60	1,953	Au	2,039	Ja	1,772	2,012	1,326	576	53	57	4,227,892
50	Steam fittings and steam and hot-water heating apparatus.	3	152	1	12	10	9	120	Ja	136	My	115	122	101	21	.....	.....	753,664
51	Stencils and brands	3	22	3	3	4	1	11	Oc[4]	23	Ja[4]	7	23	10	12	.....	1	18,852
52	Structural ironwork, not made in steel works or rolling mills.	19	638	19	29	60	4	526	Oc	683	My	423	673	673	.....	.....	.....	2,186,011
53	Tobacco, cigars and cigarettes	74	1,801	68	88	53	40	1,552	.....		.....		2,142	330	1,753	10	49	6,012,809
54	Cigars	69	1,797	64	88	53	40	1,552	De	2,096	Au	914	2,142	330	1,753	10	49	6,006,909
55	Cigarettes	5	4	4	.....	.....	.....	.....	.....		.....		.....	.....	.....	.....	.....	5,900
56	Tools, not elsewhere specified	46	1,074	29	84	32	48	881	.....		.....		1,058	1,010	41	6	1	2,651,072
57	Machinists' tools	19	260	10	38	4	10	198	No	232	My	160	283	279	4	.....	.....	587,054
58	All other	27	814	19	46	28	38	683	De	741	Fe	660	775	731	37	6	1	2,064,018
59	Toys and games	10	788	4	28	25	16	715	Au	888	Ja	490	543	266	268	4	5	1,209,037
60	Trunks and valises	15	794	8	39	50	24	673	De	709	Ja	618	711	623	88	.....	.....	2,267,860
61	Varnishes	12	628	2	51	149	56	370	De	432	Ja[4]	319	432	390	42	.....	.....	4,759,785

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.						Electric horsepower generated in establishments reporting.	
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
170,711	33,027	1,481,327	8,102	16,034	52,350	688,303	77,034	3,735,122	2,969,785	754	.....	.....	.....	.....	754	.....	1
9,277	5,725	70,429	841	4,135	1,326	48,159	4,605	203,025	150,261	36	.....	.....	.....	.....	36	.....	2
19,570	1,640	56,520	.....	1,075	755	627,236	9,587	786,900	150,077	160	160	.....	.....	.....	.....	.....	3
177,646	151,218	1,266,954	2,008	16,295	139,434	1,932,333	58,529	4,760,107	2,769,245	1,837	1,525	50	94	.....	168	630	4
86,518	7,927	149,161	.....	2,930	155,362	138,630	11,038	662,146	512,478	329	170	.....	140	.....	19	10	5
75,629	19,396	411,432	.....	1,551	104,065	1,987,636	24,947	3,506,670	1,494,087	738	695	.....	.....	.....	43	70	6
.....	.....	5,096	.....	1,322	219	23,423	565	45,500	21,512	6	.....	.....	.....	.....	6	.....	7
221,347	125,330	2,399,279	600	29,076	298,073	4,185,704	121,949	8,394,988	4,087,335	1,882	1,443	.....	.....	.....	439	71	8
47,096	24,409	201,197	.....	9,772	2,500	79,082	8,440	384,147	296,625	188	120	.....	.....	.....	68	.....	9
5,005	1,866	8,922	.....	300	350	11,198	1,451	32,304	19,655	9	.....	.....	.....	.....	9	.....	10
1,311,993	1,042,257	4,330,483	255,037	145,724	391,498	14,380,442	83,647	27,484,352	13,020,263	1,610	310	.....	144	.....	1,156	386	11
19,000	2,000	92,306	.....	4,347	2,422	157,644	2,227	342,702	182,831	51	.....	.....	26	.....	25	.....	12
120,551	21,743	304,543	76,674	15,509	103,903	686,033	6,729	1,698,401	1,004,739	102	.....	.....	.....	.....	102	.....	13
68,605	24,947	393,676	2,049	9,290	5,739	573,087	8,344	1,321,045	739,614	127	10	.....	50	.....	67	.....	14
1,244,378	313,383	4,512,904	434,256	165,642	671,717	33,559,154	488,248	48,276,048	14,228,646	9,419	2,890	.....	.....	.....	6,529	390	15
565,332	381,565	1,532,937	.....	50,218	4,972,962	3,029,809	317,897	15,332,121	11,984,415	8,563	8,503	.....	.....	.....	60	1,861	16
10,049	931	11,183	.....	2,360	403	10,361	468	49,108	38,279	20	.....	.....	.....	.....	20	.....	17
900	1,200	6,800	.....	1,175	909	5,208	438	21,800	16,154	1	.....	.....	.....	.....	1	.....	18
75,237	26,729	316,956	4,595	14,457	35,056	772,999	20,165	1,522,047	728,883	1,507	720	.....	90	.....	697	.....	19
269,061	158,434	1,082,658	.....	600	120,662	874,372	27,738	3,033,382	2,131,272	1,533	1,240	.....	.....	.....	293	1,030	20
53,643	9,684	158,550	33,154	7,614	7,585	193,265	10,720	620,134	416,149	899	500	.....	90	.....	309	220	21
24,076	11,435	121,194	.....	4,410	4,399	538,318	6,186	827,380	282,876	143	.....	.....	.....	.....	143	.....	22
94,140	39,483	179,119	52,051	14,865	24,451	986,169	4,103	1,470,342	480,070	130	80	.....	.....	.....	50	45	23
29,715	7,429	130,218	.....	3,839	11,941	330,868	8,293	721,153	381,992	182	25	.....	17	.....	140	.....	24
5,430	724	12,951	.....	800	336	38,589	1,476	73,000	32,935	14	.....	.....	.....	.....	14	.....	25
19,965	2,183	109,927	15,474	6,040	3,225	44,295	3,128	247,472	200,049	106	.....	.....	16	.....	90	.....	26
130,836	121,685	238,331	.....	4,375	26,924	2,993,166	64,364	4,192,162	1,134,632	523	289	.....	5	.....	229	.....	27
54,140	20,113	216,386	.....	14,828	5,241	380,672	4,073	823,899	439,154	93	.....	.....	.....	.....	93	.....	28
275,537	335,845	822,889	.....	6,535	337,985	7,095,503	299,700	10,660,128	3,264,925	2,342	1,254	.....	.....	.....	1,088	1,442	29
120,310	58,774	134,507	5,000	16,101	32,332	1,247,445	13,502	1,897,656	636,709	252	50	.....	.....	.....	202	50	30
33,502	43,794	22,396	8,188	7,002	3,851	122,871	956	325,696	201,869	25	.....	.....	.....	.....	25	.....	31
173,658	125,199	114,453	.....	18,390	77,414	539,470	4,321	1,738,750	1,194,959	50	.....	.....	.....	.....	50	.....	32
202,331	43,484	809,896	32,768	17,400	10,763	1,058,479	37,644	2,942,574	1,846,451	756	275	.....	25	.....	456	.....	33
11,008	6,455	77,673	1,000	3,491	229	40,168	2,654	158,137	115,315	15	.....	.....	.....	.....	15	.....	34
19,910	5,780	56,782	.....	7,510	4,517	589,293	4,986	891,856	297,577	169	.....	.....	14	.....	155	.....	35
314,173	115,436	1,012,859	69,063	70,656	68,970	1,714,127	42,736	4,055,961	2,299,098	860	60	.....	27	.....	773	.....	36
293,141	113,616	990,117	66,202	68,945	68,477	1,679,153	41,736	3,961,391	2,240,502	857	60	.....	27	.....	770	.....	37
21,032	1,820	22,742	2,861	1,711	493	34,974	1,000	94,570	58,596	3	.....	.....	.....	.....	3	.....	38
239,210	423,184	837,833	31,223	38,677	103,372	1,644,473	37,647	3,891,258	2,209,138	583	407	.....	.....	.....	176	500	39
234,234	414,823	837,833	5,610	36,902	103,353	1,636,738	37,647	3,830,165	2,155,780	583	407	.....	.....	.....	176	500	40
4,976	8,361	.....	25,613	1,775	19	7,735	.....	61,093	53,358	.....	.....	.....	.....	.....	.....	.....	41
26,480	4,930	44,651	47	2,647	1,306	60,435	860	165,087	103,792	45	.....	.....	23	.....	22	.....	42
78,445	27,425	222,747	460	4,348	25,864	481,668	26,974	1,123,251	614,609	901	715	.....	.....	.....	186	102	43
2,000	.....	6,629	.....	2,220	565	20,364	354	43,778	23,060	4	.....	.....	.....	.....	4	.....	44
.....	8,644	57,180	4,212	360	3,135	591,640	9,867	718,754	117,247	202	.....	.....	.....	.....	202	.....	45
3,120	1,270	14,014	.....	2,715	300	22,383	340	45,676	22,953	23	.....	.....	.....	.....	23	.....	46
166,211	190,807	1,036,862	16,073	44,121	21,402	1,707,840	28,653	3,831,837	2,095,344	1,110	800	.....	98	.....	212	546	47
54,558	145,711	515,512	.....	47,189	65,708	12,149,691	66,265	13,273,676	1,057,720	1,143	330	450	.....	.....	313	198	48
257,353	179,685	1,947,179	39,000	15,516	177,488	1,823,961	104,810	5,475,390	3,546,619	1,093	855	.....	85	.....	153	.....	49
42,909	23,243	141,033	.....	1,400	42,588	459,557	11,916	873,237	401,764	368	175	.....	28	.....	165	.....	50
1,583	1,943	7,104	.....	1,349	19	5,979	495	22,333	15,859	11	.....	.....	.....	.....	11	.....	51
198,846	100,999	729,831	1 172	6,543	90,908	1,778,693	36,809	3,256,221	1,440,719	1,306	800	.....	20	.....	486	1,689	52
242,661	118,954	1,221,828	49,570	51,878	712,604	2,470,071	15,967	5,329,343	2,843,305	643	185	.....	15	.....	443	67	53
242,661	118,954	1,221,828	49,570	50,234	711,312	2,463,411	15,842	5,312,761	2,833,508	641	185	.....	15	.....	441	67	54
.....	.....	.....	.....	1,644	1,292	6,660	125	16,582	9,797	2	.....	.....	.....	.....	2	.....	55
224,336	91,662	1,138,366	15,913	45,121	163,793	612,523	43,684	2,891,241	2,235,034	1,347	537	.....	230	.....	580	592	56
118,183	9,959	213,608	8,515	14,367	3,037	44,767	10,367	479,025	423,891	406	.....	.....	101	.....	305	.....	57
166,153	81,693	924,758	7,398	30,754	160,756	567,756	33,317	2,412,216	1,811,143	941	537	.....	129	.....	275	592	58
104,995	79,888	681,079	20,925	22,405	29,677	839,037	26,304	2,250,216	1,384,875	315	105	.....	.....	.....	210	75	59
239,347	190,721	888,296	711	39,337	42,605	2,651,930	13,601	4,701,655	2,036,124	304	150	.....	.....	.....	154	100	60
243,957	431,112	443,418	14,896	4,646	106,895	4,182,478	50,461	7,316,977	3,084,038	810	450	.....	.....	.....	360	246	61

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

TABLE 42.—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. 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.																
	NEWARK—Continued.																*Dollars.*
1	Window shades and fixtures	7	22	8	1	.....	1	12	De 14	Mh [3] 11		14	11	3	.....	.....	36,400
2	Wirework, including wire rope and cable, not elsewhere specified.	7	273	4	18	9	12	230	Mh 241	Au 221		231	223	7	.....	1	831,477
3	Wood, turned and carved	6	20	5	1	.....	1	13	Ap 15	Ja [3] 12		12	12	.....	.....	.....	46,918
4	All other industries*	300	30,311	165	891	2,522	1,150	25,583	.....	.....		23,874	20,097	3,625	68	84	145,573,445

*All other industries embrace—
Aluminum ware 2
Artificial flowers 2
Artificial stone products 2
Artists' materials, crayons 1
Automobiles 1
Babbitt metal and solder 3
Bags, other than paper, not including bags made in textile mills 2
Baking powders 1
Baskets, and rattan and willow ware 1
Belting, leather 6
Belting, woven, other than rubber 2
Blacking, stains, and dressings 2
Bluing 1
Boot and shoe findings 3
Boxes, cigar 2
Boxes, wooden packing, except cigar boxes 3
Brooms, from broom corn 1
Canning and preserving, fish 1
Carpets, rag 2
Carriage and wagon materials 1
Carriages and sleds, children's 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
Cheese 3
Chewing gum 7
Chocolate and cocoa products 2
Coffee, roasting and grinding 7
Coffins, burial cases, and undertakers' goods 4
Combs and hairpins, not made from metal or rubber 2
Cordials and flavoring sirups 2
Cork, cutting 3
Cotton goods 2
Dental goods 2
Drug grinding 1
Druggists' preparations 3
Dyeing and finishing textiles, exclusive of that done in textile mills 3
Dyestuffs and extracts—natural 3
Enameling 2
Engravers' materials 1
Envelopes 1
Feathers and plumes 1
Felt goods 2
Fertilizers 2
Files 6
Flour-mill and gristmill products 1
Foundry supplies 1
Furnishing goods, men's 4
Galvanizing 1
Gas and electric fixtures 2
Gas, illuminating and heating 1
Gas machines and gas and water meters 3
Gloves and mittens, cloth, not including gloves made in textile mills 2
Gold, leaf and foil 3
Gold and silver, reducing and refining, not from the ore 13
Hand stamps 2
Hats, straw 1
Hats, wool-felt 1
House-furnishing goods, not elsewhere specified 5
Ice, manufactured 3
Ink, printing 3
Ink, writing 1
Iron and steel bolts, nuts, washers, and rivets, not made in rolling mills 2
Iron and steel, cast-iron pipe 2
Iron and steel forgings, not made in steel works or rolling mills 4
Iron and steel, wire nails and spikes, not made in steel works or rolling mills 1

1	**PASSAIC**—All industries	234	20,801	193	566	1,392	457	18,203	De 21,312	Mh 7,794		21,396	12,551	7,887	351	607	115,979,593
2	Automobile bodies and parts	3	5	3	.....	.....	.....	2	(4) 2	(4) 2		2	2	.....	.....	.....	9,571
3	Automobile repairing	5	16	6	2	.....	.....	8	(4) 8	(4) 8		9	9	.....	.....	.....	12,633
4	Boxes, set-up paper boxes	3	88	.....	7	1	3	77	Au 84	Mh 70		78	26	47	2	3	99,723
5	Bread and other bakery products	37	122	42	.....	.....	5	75	De 80	Ja [3] 72		78	78	.....	.....	.....	325,292
6	Clothing, women's	10	102	14	.....	1	3	84	.....	.....		107	25	82	.....	.....	117,269
7	Regular factory products	6	49	7	.....	1	3	38	Se [3] 55	Ja 17		54	18	36	.....	.....	89,902
8	Contract work	4	53	7	.....	.....	.....	46	Ap 54	Jy 39		53	7	46	.....	.....	27,367
9	Copper, tin, and sheet-iron work	6	51	5	7	2	.....	37	Se 41	Fe 33		37	34	.....	3	.....	59,787
10	Cotton goods	5	1,743	.....	58	17	12	1,656	De 1,821	Fe 1,263		1,821	994	817	5	5	15,911,592
11	Dyeing and finishing textiles, exclusive of that done in textile mills.	6	588	1	20	22	8	537	De 615	Mh 452		615	507	97	6	5	2,625,719
12	Foundry and machine-shop products	11	696	5	48	146	39	458	My 479	De 442		483	477	.....	6	.....	2,317,923
13	Furnishing goods, men's	9	1,447	6	36	42	28	1,335	Ja 1,667	Mh 421		1,333	164	1,028	18	123	3,813,795
14	Millinery and lace goods, not elsewhere specified.	34	715	30	24	1	4	656	.....	.....		743	40	676	3	24	370,499
15	Embroideries	20	52	21	.....	.....	.....	31	Oc [3] 36	Ja 22		36	12	23	1	.....	47,962
16	All other	14	663	9	24	1	4	625	No 760	Mh 218		707	28	653	2	24	322,537
17	Mineral and carbonated waters	4	12	3	1	.....	1	7	(4) 7	(4) 7		7	7	.....	.....	.....	26,061
18	Printing and publishing, book and job.	13	45	14	2	.....	2	27	De 29	Ap 25		29	26	3	.....	.....	94,360
19	Silk goods, including throwsters	7	533	8	22	8	5	490	Fe 522	Mh 392		498	82	294	41	81	1,237,614
20	Tobacco, cigars	11	19	11	.....	.....	.....	8	De 11	Ja [3] 6		11	11	.....	.....	.....	11,083
21	Worsted goods	7	8,586	.....	114	459	86	7,927	Je 9,969	Fe 801		9,804	4,947	4,295	215	347	53,175,225
22	All other industries*	63	6,043	45	225	693	261	4,819	.....	.....		5,741	5,122	548	52	19	35,771,357

*All other industries embrace—
Awnings, tents, and sails 1
Belting and hose, rubber 1
Blacking, stains, and dressings 1
Bookbinding and blank-book making 2
Carriages and wagons 1
Cars, steam-railroad, not including operations of railroad companies 1
Chemicals 1
Clothing, men's 2
Coal-tar products 1
Confectionery, ice cream 3
Cordials and flavoring sirups 1
Dyestuffs and extracts—natural 1
Electrical machinery, apparatus, and supplies 1
Engraving and diesinking 1
Engraving, steel and copper plate, including plate printing 2
Food preparations, macaroni, vermicelli, and noodles 3
Furniture, wood, other than rattan and willow 1
Instruments, medical and surgical 2
Knit goods 2
Liquors, malt 1
Marble and stone work, except slate 1
Mattresses and spring beds, not elsewhere specified 2

1	**PATERSON**—All industries	1,044	42,089	1,007	1,473	1,557	835	37,217	De 39,539	Fe 33,883		41,816	25,403	15,651	335	427	139,107,374
2	Artificial stone products	6	21	4	2	.....	.....	15	Se 21	Ja 10		15	15	.....	.....	.....	48,350
3	Automobile repairing	13	60	14	2	2	2	40	Fe [3] 41	Oc [3] 39		39	39	.....	.....	.....	75,094
4	Bookbinding and blank-book making	4	5	3	.....	.....	.....	2	Ap [3] 3	Ja [3] 1		3	2	1	.....	.....	3,196
5	Boxes, set-up paper boxes	6	144	5	11	3	2	123	De 132	Je 113		132	60	64	4	4	223,240
6	Bread and other bakery products	76	417	79	13	8	26	291	Se 312	Ja 258		305	281	16	8	.....	1,167,368
7	Card cutting and designing	5	35	4	7	1	1	22	Fe [3] 25	My 20		21	21	.....	.....	.....	109,976
8	Carriages and wagons, repair work only.	4	13	5	.....	.....	.....	8	Ja [3] 9	Mh [3] 7		9	9	.....	.....	.....	5,900
9	Clothing, men's	3	193	2	7	9	7	168	Je [3] 170	Ja [3] 165		170	56	114	.....	.....	920,523

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

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

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

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.*								
2,000	500	8,926	.....	2,385	315	63,845	422	92,612	28,345	6	.....	.....	.....	.....	6	.....	1
72,669	29,782	271,020	.....	2,220	127 710	1 005,159	16,650	1,586,832	565 023	310	100	.....	.....	.....	210	5	2
2,206	384	13,047	600	900	802	10,648	1,113	39,196	27,435	32	.....	.....	27	.....	5	.....	3
3,817,978	5,102,011	33,161,809	130,954	449,037	2,737,667	147,452,061	3,503,075	215,565,392	64,610,256	45,294	18,067	1,072	1,342	.....	24,813	5,920	4

Iron and steel, wrought pipe..... 2
Ivory, shell, and bone work, not including combs and hairpins..... 5
Japanning..... 5
Labels and tags..... 1
Lamps, automobile..... 1
Lapidary work..... 7
Lasts..... 3
Minerals and earths, ground or otherwise treated..... 2
Mucilage, paste, and other adhesives, not elsewhere specified..... 2
Musical instruments and materials, not elsewhere specified..... 1
Musical instruments, pianos..... 1
Musical instruments, piano materials 1
Needles, pins, and hooks and eyes.. 3
Oil, essential..... 1
Oilcloth, enameled..... 3
Oleomargarine and other butter substitutes..... 1
Paper and wood pulp..... 3
Pens, fountain and stylographic..... 1
Pens, gold..... 2
Photographic apparatus..... 4
Plated ware..... 1
Pocketbooks..... 1
Pottery, earthen and stone ware.... 2
Pumps, steam and other power..... 3
Refrigerators..... 3
Roofing materials..... 1
Saws..... 1
Scales and balances..... 2
Sewing machines..... 1
Shipbuilding, steel, new vessels..... 1
Shipbuilding, wooden, masts, spars, oars, and rigging..... 1
Shirts..... 4
Signs and advertising novelties..... 6
Silk goods, including throwsters ... 2
Smelting and refining, copper..... 1
Smelting and refining, not from the ore..... 1
Soap..... 1
Soda-water apparatus..... 2
Sporting and athletic goods..... 5
Springs, steel, car and carriage, not made in steel works or rolling mills 3
Stationery goods, not elsewhere specified..... 4
Statuary and art goods..... 2
Steel barrels, drums, and tanks 1
Stereotyping and electrotyping..... 3
Stoves and hot-air furnaces..... 2
Stoves, gas and oil..... 3
Surgical appliances..... 2
Suspenders, garters, and elastic woven goods..... 1
Textile machinery and parts..... 1
Tinware, not elsewhere specified.... 1
Typewriters and supplies..... 4
Umbrellas and canes..... 3
Upholstering materials, imitation leather and leatheroid..... 5
Wall plaster and composition flooring 1
Waste, cotton..... 1
Watch materials, except watchcases. 1
Watchcases..... 2
Window and door screens and weather strips..... 5
Wire..... 2
Wood distillation..... 1
Wood preserving..... 1
Wooden goods, not elsewhere specified..... 2
Wool pulling..... 1
Wool scouring..... 1
Wool shoddy..... 1

2,633,864	3,126,142	18,472,056	550,249	147,288	8,177,222	75,236,885	1,676,798	129,073,484	52,159,801	42,759	17,727	7,820	950	254	16,008	15,318	1
.....	.....	2,180	.....	705	125	7,024	271	12,551	5,256	11	.....	.....	.....	.....	11	.....	2
3,300	.....	10,067	.....	3 504	103	15 905	613	44,694	28,176	12	.....	.....	.....	.....	12	.....	3
34,039	10,852	57,564	.....	5,949	1,661	107,556	1 829	259,018	149 633	37	.....	.....	.....	.....	37	.....	4
.....	2,773	144 063	.....	13,873	3,408	501 268	20,397	762,231	240,566	126	.....	.....	6	.....	120	.....	5
.....	9,273	89,712	.....	6,905	425	205,808	2,422	340,527	132,297	40	.....	.....	.....	.....	40	.....	6
.....	9,273	45,398	.....	4,325	355	195,103	1,531	267,323	70,689	17	.....	.....	.....	.....	17	.....	7
.....	.....	44,314	.....	2,580	70	10,705	891	73,204	61,608	23	.....	.....	.....	.....	23	.....	8
19,290	2,500	60 704	.....	3,876	445	47,724	966	142,307	93,617	23	.....	.....	.....	.....	23	.....	9
207,729	36,098	1,059,635	.....	2,520	618,347	15,484,228	185,696	20,656,860	4,986,936	4,805	1,382	1,337	5	.....	2,081	1,569	10
187,948	35,298	568,947	9,937	8,146	147,208	2,132,165	135,402	3,739,265	1,471,698	2,125	1,718	25	10	.....	372	615	11
214,969	368,457	589,562	.....	8,010	110,716	1,661,339	27,958	3,958,740	2,269,443	1,232	1,020	.....	4	.....	208	360	12
130,363	200,083	885,577	121,332	12,542	165,843	2,871,433	17,850	5,443,314	2,554,031	737	695	.....	.....	.....	42	583	13
63,444	10,861	453,803	67,574	23,586	3,348	266,240	12,010	1,033,648	755,398	205	.....	.....	.....	95	110	.....	14
.....	.....	32,728	.....	5,409	371	15,956.	1,086	83,136	66,094	.....	.....	.....	.....	.....	.....	.....	15
63,444	10,861	421,075	67,574	18,177	2,977	250,284	10,924	950,512	689,304	205	.....	.....	.....	95	110	.....	16
1,566	700	10,792	.....	705	2,188	52,044	597	75,886	23,245	12	.....	.....	.....	.....	12	.....	17
5,330	974	27,750	.....	5 251	394	46,274	1,544	108,709	66,891	21	.....	.....	.....	.....	21	.....	18
102,265	14,149	363,053	238,304	13,137	27,688	3,937,250	38,664	4,965,919	990,005	706	430	.....	.....	30	246	223	19
.....	.....	7,042	.....	2,044	4,691	21,507	408	42,990	21,075	1	.....	.....	.....	.....	1	.....	20
625,251	1,115,061	8,140,990	110,210	2,454	6,000,541	27,024,917	596,063	51,274,660	23,653,680	14,662	5,825	6,158	.....	.....	2,679	7,599	21
1,038,360	1,319,063	5,400,615	2,892	33,181	1,090,091	20,854,203	634,108	36,212,165	14,723,854	18,004	6,657	300	925	129	9,993	4,369	22

Models and patterns, not including paper patterns..... 1
Paper goods, not elsewhere specified 3
Patent and proprietary compounds, not elsewhere specified..... 1
Perfumery and cosmetics..... 1
Pickles and sauces..... 1
Plumbers' supplies, not elsewhere specified..... 1
Printing and publishing, newspapers and periodicals..... 5
Rubber tires, tubes, and rubber goods, not elsewhere specified..... 1
Saddlery and harness..... 2
Scales and balances..... 1
Signs, other than electric..... 1
Slaughtering and meat packing..... 1
Stamped ware, not elsewhere specified 1
Stationery goods, not elsewhere specified..... 1
Structural ironwork, not made in steel works or rolling mills..... 4
Tinware, not elsewhere specified.... 1
Tobacco, smoking..... 1
Trunks and valises..... 1
Upholstering materials, imitation leather and leatheroid..... 1
Wall plaster and composition flooring..... 1
Wood, turned and carved..... 1

6,674,299	3,211,481	38,597,467	12,703,496	1,706,703	5,488,786	112,234,964	2,726,449	216,659,174	101,697,761	45,895	27,564	1,389	631	42	16,269	15,446	1
2,500	.....	18,713	.....	420	1,198	11,713	759	40,991	28,519	10	.....	.....	.....	.....	10	.....	2
4,316	4,580	49,168	.....	7,974	1,317	75,376	3,832	191,464	112,256	57	5	.....	.....	.....	52	.....	3
.....	.....	2,350	.....	745	45	1,074	133	10,500	9,293	2	.....	.....	.....	.....	2	.....	4
26,568	7,490	114,005	.....	11,221	2,164	261,988	4,693	546,629	279,948	66	.....	.....	.....	.....	66	.....	5
30,833	32,665	456,206	.....	26,500	25,163	1,704,782	44,246	2,717,830	968,802	318	.....	.....	.....	.....	318	.....	6
17,308	2,020	33,192	.....	4,039	510	91,901	962	191,998	99,135	7	.....	.....	.....	.....	7	.....	7
.....	.....	12,161	.....	434	266	7,450	512	34,400	26,438	12	.....	.....	.....	.....	12	.....	8
30,220	26,242	178,171	.....	8,020	8,826	701,766	2,583	1,111,934	407,585	25	.....	.....	.....	.....	25	.....	9

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

TABLE 42.—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.																	
	PATERSON—Continued.																	*Dollars.*
1	Clothing, women's	5	58	6	2	.....	.....	50	Je	16	Fe	11	57	10	47	.....	.....	17,411
2	Confectionery and ice cream	15	91	18	3	5	9	56	.....		.....		60	45	12	1	2	432,432
3	Confectionery	5	22	5	.....	.....	.....	17	(3)	17	(3)	17	17	12	5	.....	.....	37,037
4	Ice cream	10	69	13	3	5	9	39	Jy [4]	48	Mh	30	43	33	7	1	2	395,395
5	Copper, tin, and sheet-iron work	11	101	14	9	1	2	75	Au	88	Mh	61	86	86	.....	.....	.....	220,341
6	Dyeing and finishing textiles, exclusive of that done in textile mills.	52	5,207	29	222	240	110	4,606	Jy	5,161	Se	3,326	5,007	4,358	594	29	26	15,481,371
7	Food preparations, breadstuffs, macaroni, vermicelli, and noodles.	5	31	11	.....	.....	2	18	No	21	Jy	14	21	18	3	.....	.....	149,592
8	Foundry and machine-shop products	23	579	15	35	35	9	485	.....		.....		479	473	5	1	.....	1,631,274
9	Foundries	5	57	6	3	1	.....	47	De	59	Mh	32	61	60	.....	1	.....	91,857
10	Machine shops	13	181	8	18	17	3	135	Jy	162	Oc	100	135	134	1	.....	.....	678,846
11	All other	5	341	1	14	17	6	303	Mh	340	No	227	283	279	4	.....	.....	860,571
12	Hats and caps, other than felt, straw, and wool.	5	12	5	.....	.....	.....	7	(3)	7	(3)	7	7	7	.....	.....	.....	14,330
13	Jute goods	3	729	.....	16	7	6	700	No	773	Fe	613	761	310	421	15	15	2,651,034
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	8	202	4	20	11	5	162	Oc	180	Ja	142	178	178	.....	.....	.....	703,254
15	Marble and stone work, monuments and tombstones.	6	13	9	.....	.....	.....	4	My [4]	6	Ja [4]	1	6	6	.....	.....	.....	16,600
16	Mineral and carbonated waters	10	35	1	3	.....	.....	31	Jy	35	Fe [4]	28	30	30	.....	.....	.....	92,753
17	Printing and publishing, book and job.	22	94	21	6	5	4	58	Je [4]	59	Ja [4]	56	59	53	4	2	.....	190,343
18	Printing and publishing, newspapers and periodicals.	9	222	4	21	31	7	159	Fe	179	Oc	150	157	144	12	1	.....	608,188
19	Shirts	9	1,549	11	20	104	86	1,328	De	1,391	Ja	1,275	1,397	380	949	18	50	5,324,142
20	Silk goods, including throwsters	574	24,088	603	813	468	368	21,836	.....		.....		23,661	11 558	11,697	153	253	69,118,327
21	Finished products	489	21,849	518	728	456	355	19,792	De	21,340	Fe	17,221	21,389	10,722	10,366	112	189	66,420,989
22	Throwsters and winders	85	2,239	85	85	12	13	2,044	No	2,232	Fe	1,776	2,272	836	1,331	41	64	2,697,338
23	Structural ironwork, not made in steel works or rolling mills.	4	187	.....	13	28	.....	146	Ja	169	No	117	119	119	.....	.....	.....	973,284
24	Textile machinery and parts	34	1,375	39	66	65	15	1,190	Jy	1,377	Se	972	1,343	1,179	120	38	6	3,370,814
25	Tobacco, cigars	21	82	20	1	3	.....	58	No	61	Ap	55	61	54	5	2	.....	77,351
26	All other industries *	111	6,546	81	181	531	174	5,579	.....		.....		7,633	5,912	1,587	63	71	35,480,886

*All other industries embrace—

Asbestos products, not including steam packing	2
Automobile bodies and parts	5
Awnings, tents, and sails	2
Baskets, and rattan and willow ware.	1
Belting and hose, woven, other than rubber	1
Belting, leather	1
Boxes, cigar	1
Brass and bronze products	3
Brooms, from broom corn	1
Brushes	1
Buttons	1
Carpets, rag	1
Carriages and sleds, children's	1
Coal-tar products	1
Coffee, roasting and grinding	1
Coffins, burial cases, and undertakers' goods	2
Collars and cuffs, men's	1
Cooperage	1
Cordage and twine	2
Cotton goods	3
Cotton small wares	2
Dyestuffs and extracts—natural	1
Electroplating	2
Engraving and diesinking	1
Engraving, steel and copper plate, including plate printing	1
Fertilizers	1
Files	1
Fur goods	3
Furniture, wood, other than rattan and willow	2
Furs, dressed	2
Gas and electric fixtures	1
Gas, illuminating and heating	1
Glass, cutting, staining, and ornamenting	2
Hat and cap materials	1
Hats, fur-felt	1
Hats, wool-felt	1
Instruments, professional and scientific	1

1	**TRENTON**—All industries	389	28,443	296	942	1,798	860	24,547	De	26,159	My	23,036	26,257	19,616	6,079	214	348	107,829,886
2	Automobile repairing	19	78	19	.....	1	3	55	Je [4]	61	Fe	48	59	58	.....	1	.....	48,609
3	Awnings, tents, and sails	4	10	2	.....	.....	.....	8	Je [4]	15	Fe [4]	4	12	6	6	.....	.....	9,395
4	Bread and other bakery products	52	385	57	15	24	18	271	De	305	Je	247	306	273	6	27	.....	1,015,889
5	Brick and tile, terra-cotta, and fire-clay products.	6	299	3	12	7	2	275	Au	343	Fe	181	316	249	65	2	.....	636,727
6	Clothing, men's	5	498	5	12	48	18	415	De	442	Ap	391	442	86	356	.....	.....	948,357
7	Confectionery and ice cream	16	410	17	14	32	21	326	Jy	362	Ja	264	349	82	253	1	13	748,664
8	Cooperage, hogsheads and barrels	4	22	4	1	.....	1	16	Ja	22	Au [4]	10	17	17	.....	.....	.....	26,060
9	Copper, tin, and sheet-iron work	16	66	17	4	.....	3	42	No [4]	44	Ja [4]	40	44	44	.....	.....	.....	96,574
10	Electrical machinery, apparatus, and supplies.	6	1,033	.....	65	13	45	910	Fe	1,033	Ap [4]	795	958	385	562	5	6	3,030,989
11	Food preparations, not elsewhere specified.	6	38	5	3	6	1	23	De	43	Au [4]	6	43	41	2	.....	.....	166,282
12	Foundry and machine-shop products.	20	1,080	12	62	26	18	962	.....		.....		1,063	1,054	4	5	.....	2,869,123
13	Machine shops	14	429	8	24	6	8	383	No	435	My	345	438	433	.....	5	.....	725,485
14	All other	6	651	4	38	20	10	579	De	625	Ja	527	625	621	4	.....	.....	2,143,638
15	Furniture	5	136	3	12	10	1	110	Se	126	Ja	85	112	112	.....	.....	.....	288,095
16	Ice, manufactured	4	49	3	7	1	1	37	Au	54	Ja [4]	25	47	47	.....	.....	.....	244,339
17	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	33	6	1	3	1	22	Je [4]	24	Ja	19	22	22	.....	.....	.....	87,742
18	Marble and stone work	4	18	1	6	.....	.....	11	Au	15	Ja [4]	6	16	16	.....	.....	.....	77,318
19	Mineral and carbonated waters	6	72	3	8	5	3	53	Au	67	Fe [4]	46	47	45	2	.....	.....	218,034
20	Models and patterns, not including paper patterns.	3	14	2	1	.....	1	10	De	12	Ja	8	12	12	.....	.....	.....	21,335
21	Optical goods	3	15	2	5	.....	1	7	My [4]	8	Ja [4]	6	6	6	.....	.....	.....	29,598
22	Patent medicines and compounds	4	5	4	.....	.....	.....	1	(3)	1	(3)	1	1	.....	1	.....	.....	3,831

[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.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
5,509	.....	38,131	.....	3,314	175	20,312	1,450	81,599	59,837	20	.....	.....	.....	.....	20	.....	1
8,080	11,145	64,013	350	21,220	2,571	481,026	11,502	721,356	228,828	231	.....	.....	.....	.....	231	.....	2
.....	.....	19,608	.....	8,180	293	64,482	1,284	109,356	43,590	28	.....	.....	.....	.....	28	.....	3
8,080	11,145	44,405	350	13,040	2,278	416,544	10,218	612,000	185,238	203	.....	.....	.....	.....	203	.....	4
18,190	3,097	88,629	.....	1,977	1,683	175,667	3,324	344,264	165,273	66	.....	.....	29	.....	37	.....	5
1,292,454	585,116	4,742,654	113,321	76,187	926,157	6,689,005	738,730	20,022,112	12,594,377	8,690	7,058	419	135	.....	1,078	1,575	6
.....	1,488	22,352	.....	1,188	1,711	165,308	6,545	322,341	150,488	174	125	.....	30	.....	19	.....	7
130,504	56,984	547,478	.....	8,202	61,983	737,614	45,798	1,801,697	1,018,285	1,079	645	.....	43	.....	391	378	8
3,632	360	63,371	.....	1,315	394	41,769	8,384	148,900	98,747	29	.....	.....	.....	.....	29	.....	9
56,994	21,645	132,594	.....	6,047	25,401	199,172	14,649	576,724	362,903	273	120	.....	43	.....	110	220	10
69,878	34,979	351,513	.....	840	36,188	496,673	22,765	1,076,073	556,635	777	525	.....	.....	.....	252	158	11
.....	.....	10,690	.....	2,840	115	28,250	815	59,146	30,075	5	.....	.....	.....	.....	5	.....	12
100,280	20,619	589,684	.....	.....	214,335	1,393,656	39,407	2,902,057	1,468,994	2,400	2,375	.....	.....	.....	25	60	13
112,906	18,980	175,779	.....	851	34,610	555,982	9,423	1,053,828	488,423	530	495	.....	19	.....	16	.....	14
.....	.....	5,450	.....	515	242	25,900	808	43,900	17,192	30	.....	.....	25	.....	5	.....	15
4,416	141	27,248	.....	2,450	2,187	78,257	1,546	150,740	70,937	24	.....	.....	.....	.....	24	.....	16
16,300	9,465	78,651	1,192	6,889	48,329	141,692	4,734	317,384	170,958	78	.....	.....	.....	.....	78	.....	17
64,612	42,625	189,394	1,352	5,308	16,167	230,873	10,927	766,796	524,996	313	80	.....	.....	.....	233	.....	18
118,753	154,680	846,525	588,568	21,660	130,015	5,764,629	21,571	8,316,587	2,530,387	349	305	.....	.....	.....	44	144	19
3,587,843	1,484,158	22,852,239	11,867,383	1,316,103	2,039,694	75,964,557	579,342	139,497,179	62,953,280	15,048	4,775	800	83	37	9,353	1,332	20
3,381,621	1,457,723	20,973,480	11,788,295	1,155,539	1,995,026	74,599,759	472,606	134,671,516	59,599,151	12,022	4,400	800	60	37	6,725	1,332	21
206,222	26,435	1,878,759	79,088	160,564	44,668	1,364,798	106,736	4,825,663	3,354,129	3,026	375	.....	23	.....	2,628	.....	22
31,415	38,396	144,133	.....	3,120	16,088	262,336	21,038	585,713	302,339	349	175	.....	12	.....	162	.....	23
237,957	95,774	1,154,617	17,106	59,100	69,192	1,492,611	50,850	3,876,836	2,333,375	1,219	365	.....	169	5	680	75	24
725	3,759	59,913	.....	2,890	21,832	88,389	750	204,264	115,125	4	.....	.....	.....	.....	4	.....	25
832,520	612,057	6,095,921	114,224	113,536	1,862,211	15,082,850	1,120,169	30,745,635	14,542,616	14,789	11,161	170	86	.....	3,372	11,882	26

Iron and steel forgings, not made in steel works or rolling mills 1
Iron and steel, welding 3
Iron and steel, wrought pipe 1
Knit goods 3
Liquors, malt 1
Locomotives, not made by railroad companies 1
Looking-glass and picture frames 2
Machine tools 1
Mattresses and spring beds, not elsewhere specified 2
Millinery and lace goods, not elsewhere specified 2
Models and patterns, not including paper patterns 2
Musical instruments, piano materials 1
Optical goods 1
Ordnance and accessories 1
Paper goods, not elsewhere specified. 2
Patent and proprietary medicines 1
Paving materials 2
Pickles and sauces 2
Roofing materials, metal shingles and ceiling 1
Saddlery and harness 2
Sausage, not made in slaughtering and meat-packing establishments. 2
Slaughtering and meat packing 2
Smelting and refining, not from the ore 1
Soap 1
Steam fittings and steam and hot-water heating apparatus 1
Steam packing 1
Surgical appliances 1
Tobacco, smoking 1
Tools, not elsewhere specified 2
Trunks and valises 2
Wall paper, not made in paper mills. 1
Wirework, not elsewhere specified 2
Wood preserving 1
Wood, turned and carved 3
Wooden goods, not elsewhere specified 2

3,021,217	3,039,848	27,858,043	34,645	137,803	4,093,731	56,410,123	4,051,327	122,477,987	62,016,537	61,648	31,845	11,210	2,315	401	15,877	15,521	1
.....	2,208	60,358	.....	8,721	417	44,912	1,373	136,109	89,824	91	.....	.....	7	.....	84	.....	2
.....	.....	4,858	.....	560	1	22,592	157	37,528	14,779	4	.....	.....	.....	.....	4	.....	3
25,660	49,388	397,686	.....	11,085	14,371	1,664,781	48,084	2,585,752	872,887	301	20	.....	.....	.....	281	.....	4
17,371	9,007	237,993	.....	.....	11,472	186,234	45,024	646,205	415,037	545	545	.....	.....	.....	.....	173	5
33,278	121,030	259,400	.....	6,276	6,031	1,143,157	4,574	1,776,207	628,476	181	.....	.....	.....	.....	181	.....	6
43,390	58,496	193,451	.....	9,307	51,519	872,992	22,076	1,497,533	602,465	388	90	.....	.....	.....	298	.....	7
1,820	700	17,943	.....	.....	316	47,790	.....	88,939	41,149	.....	.....	.....	.....	.....	.....	.....	8
6,913	1,852	55,583	100	1,996	510	71,546	1,001	166,651	94,104	40	.....	.....	.....	.....	40	.....	9
155,388	64,834	498,412	.....	2,970	65,053	2,409,549	46,988	3,693,374	1,236,837	1,820	1,330	.....	.....	.....	490	145	10
9,110	6,244	21,291	.....	242	6,504	550,396	3,117	693,264	139,751	174	100	.....	.....	.....	74	.....	11
181,072	50,045	1,202,163	.....	3,080	41,295	995,327	89,192	3,223,647	2,139,128	1,926	1,530	.....	85	75	236	1,180	12
61,104	19,080	503,844	.....	3,080	20,572	352,932	36,943	1,261,307	871,432	405	260	.....	25	.....	120	257	13
119,968	30,965	698,319	.....	.....	20,723	642,395	52,249	1,962,340	1,267,696	1,521	1,270	.....	60	75	116	923	14
28,098	14,676	129,195	.....	720	4,248	105,444	4,452	333,211	223,315	95	85	.....	.....	.....	10	52	15
13,580	2,000	50,534	.....	.....	7,883	14,458	72,698	232,366	145,810	883	680	.....	.....	.....	203	80	16
1,824	4,464	22,266	.....	375	880	33,485	1,658	70,284	35,141	59	.....	.....	.....	.....	59	.....	17
6,443	.....	16,717	.....	484	1,210	27,164	914	57,818	29,740	125	.....	.....	2	.....	123	.....	18
6,964	7,722	43,027	.....	2,545	4,940	103,720	1,267	232,313	127,326	62	22	.....	.....	.....	40	.....	19
1,941	3,640	9,336	.....	348	173	4,769	974	24,846	19,103	19	.....	.....	.....	.....	19	.....	20
6,540	1,104	9,029	450	4,320	9,822	14,323	216	48,466	33,927	4	.....	.....	.....	.....	4	.....	21
.....	.....	520	.....	120	118	2,771	6	5,962	3,185	.....	.....	.....	.....	.....	.....	.....	22

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

TABLE 42.—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.																	
	TRENTON—Continued.																	Dollars.
1	Pottery	29	4,652	7	197	168	95	4,185	De	4,928	Mh	3,699	4,893	3,715	1,054	74	50	11,835,526
2	Printing and publishing, book and job.	22	170	18	8	3	8	133	De	139	Fe	128	139	115	20	4	.....	448,522
3	Printing and publishing, newspapers and periodicals.	9	251	10	7	35	15	184	(3)	184	(3)	184	184	171	12	1	.....	268,289
4	Rubber tires, tubes, and rubber goods, not elsewhere specified.	15	5,065	4	148	652	319	3,942	Mh	4,212	Jy	3,751	3,919	3,444	422	45	8	18,364,907
5	Sausage, not made in slaughtering and meat-packing establishments.	3	8	3	.....	2	.....	3	Se[4]	8	Ap[5]	0	8	8	.....	.....	.....	24,960
6	Slaughtering and meat packing	6	39	8	2	5	1	23	(3)	23	(3)	23	25	25	.....	.....	.....	124,714
7	Tobacco, cigars	14	1,645	8	51	35	23	1,528	No	1,697	My	1,139	1,674	83	1,382	17	192	3,089,634
8	All other industries*	105	12,352	73	301	722	261	10,995	.....	.....	.....	.....	11,543	9,500	1,932	32	79	63,106,373

* All other industries embrace—
Agricultural implements 2
Artificial stone products 2
Asbestos products, not including steam packing 1
Automobile bodies and parts 6
Bags, other than paper, not including bags made in textile mills 3
Belting and hose, rubber 1
Blacking, stains, and dressings 1
Bluing 1
Bookbinding and blank-book making 2
Boxes, set-up paper boxes and cartons 2
Boxes, wooden packing, except cigar boxes 3
Brass and bronze products 3
Brooms, from broom corn 1
Brushes 2
Butter 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
Chemicals 2
China decorating, not including that done in potteries 5
Clothing, women's 2
Coffee, roasting and grinding 2
Cordials and flavoring sirups 1
Crucibles, graphite 1
Dyeing and finishing textiles, exclusive of that done in textile mills 1
Electroplating 2
Engraving and diesinking 3
Fancy articles, not elsewhere specified 1
Feathers and plumes 1
Fertilizers 1
Flour-mill and gristmill products 2
Fuel, briquetted 1
Furnishing goods, men's 1

	CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
1	ASBURY PARK	60	508	64	28	12	11	393	Jy	450	Ja	349	404	218	186	.....	.....	1,113,824
2	BELLEVILLE	48	2,296	32	142	167	99	1,856	Mh	1,996	Je	1,734	1,883	1,560	317	5	1	8,166,064
3	BLOOMFIELD	59	6,727	47	345	596	589	5,150	Mh	5,381	Je	4,982	5,316	3,544	1,727	23	22	23,962,713
4	BRIDGETON	87	2,705	73	112	98	93	2,329	Oc	2,626	Ap	2,119	6,008	2,150	3,834	24	.....	8,380,991
5	CLIFTON	49	3,721	33	111	243	81	3,253	De	3,622	Fe	2,525	3,623	2,125	1,317	93	88	19,022,568
6	ENGLEWOOD	29	310	26	14	4	10	256	No	302	Fe	218	305	195	110	.....	.....	741,536
7	GARFIELD	56	5,598	40	146	309	78	5,025	Se	6,184	Mh	1,477	6,379	3,028	3,092	113	146	30,917,717
8	GLOUCESTER	21	6,858	19	103	322	189	6,225	Ja	8,322	Se	4,662	6,023	4,862	1,015	67	79	49,726,229
9	HACKENSACK	45	844	33	38	45	30	698	De	809	Mh	625	806	456	321	7	22	2,126,787
10	HARRISON	63	17,172	48	535	2,329	1,234	13,026	Ap	13,498	Oc	12,707	12,883	10,965	1,883	30	5	69,529,633
11	IRVINGTON	89	2,460	46	213	157	88	1,956	De	2,329	Fe	1,723	2,375	2,167	196	5	7	11,745,836
12	KEARNY	49	16,847	25	877	746	339	14,860	Fe	17,199	De	12,829	12,944	12,545	329	41	29	54,894,152
13	LONG BRANCH	65	995	66	42	18	28	841	Au	984	Ja	622	882	398	475	5	4	3,126,264
14	MILLVILLE	44	4,331	42	94	225	113	3,857	Je	4,234	Fe	3,194	4,086	3,037	883	74	92	12,114,254
15	MONTCLAIR	34	358	33	19	7	18	281	Au	322	Fe[4]	260	318	254	62	2	.....	1,288,724
16	MORRISTOWN	56	355	54	21	17	15	248	No	282	Ja	206	274	189	85	.....	.....	994,256
17	NEW BRUNSWICK	138	11,152	106	342	2,756	275	7,673	Fe	10,032	Jy	6,217	8,442	5,397	2,985	31	29	39,395,695
18	ORANGE	81	3,204	60	131	187	114	2,712	Ja	2,964	Ap	2,539	2,716	1,830	877	8	1	10,415,397
19	PERTH AMBOY	124	10,915	92	404	800	422	9,197	Au	9,630	Je	8,656	9,671	7,203	2,253	43	172	96,579,141
20	PHILLIPSBURG	53	6,372	38	159	533	239	5,403	Ja	5,995	Jy	4,666	5,553	4,338	1,135	21	59	20,499,486
21	PLAINFIELD	94	4,213	84	156	331	221	3,421	Ja	4,067	Ap	3,136	3,601	3,101	493	6	1	11,869,775
22	RAHWAY	36	2,084	28	114	103	142	1,697	De	1,988	My	1,499	2,016	1,451	504	15	46	6,621,680
23	UNION	116	1,802	111	85	53	47	1,506	No	1,586	Fe	1,321	1,599	811	744	12	32	8,740,071
24	WEST HOBOKEN	307	4,369	358	120	224	102	3,565	Se	3,746	Fe	3,179	3,813	1,484	2,279	19	31	9,506,650
25	WEST NEW YORK	192	3,616	200	174	165	69	3,208	Oc	3,411	Fe	2,928	3,405	1,379	1,980	7	39	10,218,967
26	ALL OTHER CITIES[6]	40	7,515	37	124	649	371	6,334	My	6,917	Au	5,874	6,051	4,966	1,082	3	.....	18,592,474

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

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.							
Salaries and wages.				Rent and taxes.		For materials.				Primary horsepower.							
											Owned.						
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.	Value of products.	Value added by manufacture.	Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]	Electric horsepower generated in establishments reporting.	
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
Dollars.	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*	*Dollars.*								
644,449	321,207	4,969,903	2,868	6,540	375,734	1,794,572	752,500	11,677,497	9,130,425	3,574	2,139	.....	50	.....	1,385	1,331	1
51,740	13,060	166,301	9,907	9,185	3,835	192,554	5,645	579,645	381,446	134	.....	.....	.....	.....	134	.....	2
89,910	36,593	243,575	2,124	720	30,044	211,586	5,824	867,669	650,259	175	.....	.....	.....	.....	175	.....	3
529,649	992,519	4,420,477	.....	2,282	1,232,171	17,042,361	542,515	30,392,955	12,808,079	11,156	5,995	.....	.....	100	5,061	1,725	4
.....	1,333	5,843	.....	.....	40	85,437	610	101,742	15,695	20	20	.....	.....	.....	.....	.....	5
3,648	7,540	31,287	.....	1,790	851	449,770	3,968	546,127	92,389	52	.....	.....	.....	.....	52	.....	6
150,670	132,434	954,954	35	6,461	642,867	2,347,814	8,287	5,070,656	2,714,555	142	120	.....	.....	.....	22	27	7
1,011,759	1,137,752	13,835,942	19,161	57,676	1,581,426	25,970,619	2,388,807	57,691,131	29,331,705	39,678	19,169	11,210	2,171	226	6,902	10,808	8

Gas, illuminating and heating..... 1
Glass, cutting, staining, and ornamenting 1
Hardware, builders'..... 2
Hats and caps, other than felt, straw, and wool..... 1
Ink, writing..... 1
Iron and steel, steel works and rolling mills..... 1
Iron and steel, forgings, not made in steel works or rolling mills..... 2
Jewelry..... 1
Knit goods..... 1
Liquors, malt..... 1
Looking-glass and picture frames.... 2
Mattresses and spring beds, not elsewhere specified..... 2
Minerals and earths, ground or otherwise treated..... 2
Mucilage, paste, and other adhesives, not elsewhere specified..... 1
Musical instruments, pianos..... 1
Paints..... 1
Photo-engraving..... 1
Pickles and sauces..... 1
Plumbers' supplies, not elsewhere specified..... 1
Printing materials..... 1
Refrigerators..... 1
Roofing materials..... 1
Shirts..... 2
Smelting and refining, not from the ore..... 2
Structural ironwork, not made in steel works or rolling mills..... 3
Surgical appliances..... 1
Tobacco, smoking..... 1
Tools, not elsewhere specified..... 3
Watches..... 1
Wire..... 1
Wood, turned and carved..... 1
Woolen goods..... 1
Worsted goods..... 1

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																	
43,494	26,509	386,542	.....	26,197	10,415	650,455	35,246	1,565,289	879,588	839	140	.....	.....	.....	699	.....	1
422,500	315,501	2,325,806	3,000	84,245	424,630	5,612,082	257,281	11,764,501	5,895,138	6,190	4,480	.....	39	.....	1,671	864	2
1,146,240	1,412,088	5,076,915	40,289	32,105	437,474	12,462,025	477,267	25,245,436	12,306,144	10,197	3,746	1,758	600	80	4,013	1,689	3
323,108	271,629	2,039,361	437	14,834	159,651	6,243,220	353,975	10,958,787	4,361,592	4,170	2,220	478	10	98	1,364	1,982	4
624,143	555,546	3,459,329	1,039,878	37,442	994,178	19,050,487	385,184	29,430,811	9,995,140	7,622	5,195	306	152	.....	1,969	1,119	5
47,010	15,735	262,560	.....	13,830	31,342	480,359	43,127	1,119,264	595,778	508	383	.....	.....	.....	125	.....	6
858,860	526,493	5,313,138	34,839	12,006	2,979,811	19,982,077	527,372	40,233,553	19,724,104	11,884	5,645	3,725	1,728	.....	786	6,384	7
521,738	876,698	7,709,745	59,562	44,418	220,428	8,775,101	407,351	19,994,017	10,811,565	10,924	2,145	7,500	8	.....	1,271	8,849	8
106,892	102,210	739,699	99,423	12,304	18,112	2,054,032	64,120	3,707,795	1,589,643	1,361	1,075	.....	15	.....	271	300	9
2,188,285	3,118,096	16,004,077	356,580	31,636	2,468,971	27,721,948	1,694,842	61,766,542	32,349,752	41,833	9,740	11,675	639	.....	19,779	13,248	10
839,388	399,256	2,578,221	87,619	73,833	197,998	6,441,124	266,366	12,175,332	5,467,842	4,496	1,145	100	1,048	.....	2,203	523	11
2,186,098	1,786,955	19,118,553	252,430	24,367	5,364,931	41,358,721	1,341,216	80,832,074	38,132,137	26,074	8,506	3,300	55	135	14,078	7,549	12
107,749	33,870	740,276	1,842	22,427	54,671	1,149,243	180,794	3,012,724	1,682,687	1,413	198	595	142	.....	478	50	13
402,214	539,056	3,822,002	809	4,845	457,826	3,924,073	543,780	10,416,362	5,948,509	5,561	2,132	2,396	144	400	489	3,247	14
55,233	22,127	317,089	3,815	14,812	7,284	1,389,830	43,311	2,282,413	849,272	932	725	.....	68	.....	139	780	15
43,039	35,081	251,677	4,220	21,658	7,769	733,900	33,196	1,352,152	585,056	778	460	.....	50	.....	268	.....	16
1,382,012	2,539,232	8,235,035	20,470	45,285	1,383,534	17,583,033	597,495	42,624,947	24,444,419	17,706	7,068	2,550	236	.....	7,852	5,246	17
552,808	427,734	2,518,122	77,952	34,787	435,094	5,104,750	201,104	13,092,066	7,786,212	3,214	1,610	.....	245	.....	1,359	126	18
1,493,848	1,431,547	10,311,837	78,310	85,604	2,639,530	196,582,144	2,725,039	230,658,263	31,351,080	53,626	35,265	11,633	1,550	.....	5,178	18,275	19
562,863	1,108,710	5,393,070	53,311	7,662	1,703,500	13,350,787	655,997	29,407,670	15,400,886	12,374	6,987	3,325	27	22	2,013	9,899	20
478,701	820,316	3,627,794	23,019	43,744	1,036,019	9,554,485	267,698	17,540,331	7,718,148	6,415	2,000	2,850	133	.....	1,432	3,985	21
455,138	211,357	1,397,342	3,996	11,689	195,561	7,400,843	179,794	11,747,584	4,166,947	2,822	1,120	.....	.....	.....	1,702	213	22
262,271	195,485	1,488,483	570,007	55,713	772,597	3,405,016	178,181	8,195,484	4,612,287	3,642	3,043	.....	66	.....	533	647	23
382,439	268,179	3,481,972	1,070,926	139,411	420,005	7,649,423	199,726	16,652,844	8,803,695	3,151	1,413	.....	11	.....	1,727	230	24
548,226	396,142	3,294,637	772,506	138,380	104,268	19,874,165	210,111	28,377,866	8,293,590	3,806	1,926	500	118	.....	1,262	558	25
509,206	1,361,657	8,462,847	1,525	32,767	765,767	10,866,322	867,033	27,844,036	16,116,681	10,304	3,730	.....	.3	.....	6,571	3	26

[3] Same number reported throughout the year.
[4] Same number reported for one or more other months.
[5] None reported for one or more other months.
[6] All other cities comprise Roosevelt, Summit, and West Orange.

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES

MANUFACTURES: 1919

NEW MEXICO

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

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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 is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

NEW MEXICO.

GENERAL STATISTICS.

General character of the state.—New Mexico has a gross area of 122,634 square miles, of which 122,503 represent land surface. The inhabitants of the state in 1900 numbered 195,310; in 1910, 327,301; and in 1920, 360,350. In total population New Mexico ranked forty-third among the states in 1920, and in density of population forty-fifth. The number of inhabitants per square mile in 1910 was 2.7, the corresponding figure for 1920 being 2.9.

Albuquerque was the only city in the state in 1920 having more than 10,000 inhabitants. This city, with a population of 15,157, formed 4.2 per cent of the total population for New Mexico and reported 19.3 per cent of the value of the state's manufactured products for 1919.

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

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for other censuses with those for 1919. Statistics in this table, however, show that two counties, Bernalillo and Colfax, reported 35.1 per cent of the total number of wage earners and 37.9 per cent of the total value of products for the state in 1919.

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. The ranking might change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 20.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 65 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 Albuquerque (Table 6).—This table shows the growth of manufactures in Albuquerque between the censuses 1909 and 1919 and the small proportion the "females" and "under 16 years of age" wage earners formed of the total at each industrial census, 1919, 1914, and 1909.

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 Albuquerque (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined and for the city of Albuquerque. There was no important industry in the state in 1919 where the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—The figures presented in this table show a decided shortening of the hours of labor since the census of 1914. In that year 9.7 per cent of the wage earners were included in the group "48 and under," as against 19.8 per cent in 1919. On the other hand, in 1914 the "60" and "over 60" groups constituted 68.5 per cent of the total wage earners, as compared with 17.8 per cent in 1919.

Size of establishments, by average number of wage earners for selected industries (Table 10).—The predominance of the number of small establishments, 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, 79.3 per cent were in the classes having less than six wage earners, while such establishments employed but 10.3 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—In order to avoid the possibility of disclosing the operations of individual establishments it was found necessary to omit the separate showing of groups of over $500,000 and combine them as a whole in one class, "$500,000 and over."

Size of establishments, by value of products, for Albuquerque (Table 12).—This table very strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 13).—It will be noted

that while the number of establishments under corporate ownership gained only 9.8 per cent in 1919 over 1914, this group shows an increase of 60.5 per cent in number of wage earners and 103.3 per cent in value of products during the five-year period.

Number and horsepower of types of prime movers (Table 14).—Although both the owned and rented power increased from 1914 to 1919, the proportionate increase in rented power was the greater, being 157 per cent, as compared with 24.5 per cent for owned power.

Fuel consumed (Table 15).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

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

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE.[1]			
	1919	1914	1909	1904	1899	1914–1919	1909–1914	1904–1909	1899–1904
Number of establishments	387	368	313	199	174	5.2	17.6	57.3	14.4
Persons engaged	6,646	4,594	4,766	3,891	(2)	44.7	−3.6	22.5	.....
Proprietors and firm members	336	325	288	189	(2)	3.4	12.8	52.4	.....
Salaried employees	574	493	335	224	88	16.4	47.2	49.6	.....
Wage earners (average number)	5,736	3,776	4,143	3,478	2,490	51.9	−8.9	19.1	39.7
Primary horsepower	17,260	12,468	15,465	5,948	3,658	38.4	−19.4	160.0	62.6
Capital	$15,226,253	$8,983,679	$7,742,617	$4,638,248	$2,160,718	69.5	16.0	66.9	114.7
Salaries and wages	7,685,803	3,272,691	2,974,635	2,416,882	1,290,188	134.8	10.0	23.1	87.3
Salaries	1,027,341	577,243	383,256	263,814	90,692	78.0	50.6	45.3	190.9
Wages	6,658,462	2,695,448	2,591,379	2,153,068	1,199,496	147.0	4.0	20.4	79.5
Paid for contract work	385,810	285,838	125,405	62,965	(2)	35.0	127.9	99.2	.....
Rent and taxes	283,039	137,098	92,898	[3] 60,765	(2)	106.4	47.6	.....	.....
Cost of materials	7,727,483	4,430,134	3,261,043	2,235,934	1,998,593	74.4	35.9	45.8	11.9
Value of products	17,856,602	9,320,067	7,897,756	5,705,880	4,060,924	91.6	18.0	38.4	40.5
Value added by manufacture [4]	10,129,119	4,889,933	4,636,713	3,469,946	2,062,331	107.1	5.5	33.6	68.3

[1] A minus sign (−) denotes decrease; percentages are omitted where base is less than 100.
[2] Figures not available.
[3] Exclusive of internal revenue.
[4] Value of products less cost of materials.

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

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state	387	5,736	$6,658,462	$283,039	$7,727,483	$17,856,602	$10,129,119	17,260
Bernalillo	57	1,378	1,445,461	45,692	1,580,897	3,660,750	2,079,853	1,918
Chaves	31	185	178,513	20,432	815,204	1,232,657	417,453	1,219
Colfax	19	637	931,189	63,444	1,487,305	3,107,592	1,620,287	1,738
Curry	12	430	630,727	17,197	688,415	1,466,111	777,696	1,032
De Baca	8	10	12,654	1,237	15,048	41,324	26,276	41
Dona Ana	12	82	64,086	7,279	196,485	351,567	155,082	868
Eddy	20	74	88,638	6,455	90,712	245,681	154,969	447
Grant [1]	19	105	140,460	10,571	192,891	428,210	235,319	666
Guadalupe	5	57	88,116	1,679	5,930	106,390	100,460	122
Hidalgo [1]	.....	.....	.....	.....	.....	.....	.....	.....
Lea and Roosevelt [2]	12	19	22,764	2,942	22,528	59,698	37,170	65
Lincoln	8	130	185,040	4,668	44,210	253,445	209,235	466
Luna	12	122	153,941	3,913	222,551	437,724	215,173	188
McKinley	20	482	460,798	18,714	493,216	1,090,446	597,230	2,036
Mora	12	18	15,749	749	82,093	141,853	59,760	290
Otero	9	90	93,206	1,724	32,304	154,156	121,852	270
Quay	14	197	306,336	5,647	152,293	514,734	362,441	202
Rio Arriba	10	714	606,224	14,553	444,246	1,486,262	1,042,016	1,827
San Juan	7	8	8,120	778	18,928	35,730	16,802	302
San Miguel	20	397	485,177	11,831	437,654	1,223,875	786,221	646
Sandoval	7	35	27,356	395	70,275	111,015	40,740	242
Santa Fe	14	75	94,660	6,119	91,771	236,295	144,524	380
Sierra	3	1	630	376	11,455	16,910	5,455	35
Socorro	19	113	144,659	5,291	160,313	360,266	199,953	448
Taos	9	62	60,792	4,742	111,692	289,908	178,216	304
Torrance	8	27	26,098	957	28,184	71,492	43,308	221
Union	10	24	29,149	3,184	28,295	82,182	53,887	73
Valencia	10	264	357,919	22,470	202,588	650,329	447,741	1,214

[1] Statistics for Hidalgo included in Grant, of which county Hidalgo recently formed a part.
[2] Statistics for Lea and Roosevelt Counties combined to avoid disclosure of individual operations.

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

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries	387	5,736	100.0	$17,857	100.0	$10,129	100.0
Cars and general shop construction and repairs by steam-railroad companies	15	2,993	52.2	7,085	39.7	4,505	44.5
Lumber and timber products	47	1,240	21.6	2,778	15.6	2,125	21.0
Flour-mill and gristmill products	30	66	1.2	1,324	7.4	232	2.3
Printing and publishing, newspapers and periodicals	80	257	4.5	804	4.5	593	5.8
Bread and other bakery products	40	116	2.0	788	4.4	297	2.9
Automobile repairing	51	147	2.6	$495	2.8	$322	3.2
Ice, manufactured	13	115	2.0	468	2.6	277	2.7
Foundry and machine-shop products	4	53	0.9	202	1.1	131	1.3
Confectionery, ice cream	12	26	0.5	199	1.1	76	0.8
Lumber, planing-mill products, not including planing mills connected with sawmills	9	46	0.8	193	1.1	88	0.9
Mineral and carbonated waters	20	44	0.8	156	0.9	89	0.9
All other industries [1]	66	633	11.0	3,365	18.8	1,394	13.8

[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: "Coke, not including gas-house coke," and "food preparations, for animal and fowl consumption."

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	6,646	6,435	211	96.8	3.2
	1914	4,594	4,481	113	97.5	2.5
	1909	4,766	4,659	107	97.8	2.2
Proprietors and officials	1919	635	617	18	97.2	2.8
	1914	569	551	18	96.8	3.2
	1909	446	440	6	98.7	1.3
Proprietors and firm members	1919	336	320	16	95.2	4.8
	1914	325	308	17	94.8	5.2
	1909	288	282	6	97.9	2.1
Salaried officers of corporations	1919	59	58	1	98.3	1.7
	1914	47	47	.....	100.0	.....
	1909	41	41	.....	100.0	.....
Superintendents and managers	1919	240	239	1	99.6	0.4
	1914	197	196	1	99.5	0.5
	1909	117	117	.....	100.0	.....
Clerks and other subordinate salaried employees.	1919	275	202	73	73.5	26.5
	1914	249	211	38	84.7	15.3
	1909	177	161	16	91.0	9.0
Wage earners (average number)	1919	5,736	5,616	120	97.9	2.1
	1914	3,776	3,719	57	98.5	1.5
	1909	4,143	4,058	85	97.9	2.1
16 years of age and over	1919	5,690	5,571	119	97.9	2.1
	1914	3,753	3,696	57	98.5	1.5
	1909	4,077	3,995	82	98.0	2.0
Under 16 years of age	1919	46	45	1	97.8	2.2
	1914	23	23	.....	100.0	.....
	1909	66	63	3	95.5	4.5

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

INDUSTRY.	Census year.	Wage earners (average number).	PER CENT OF TOTAL.		
			16 years of age and over.		Under 16 years of age.
			Male.	Female.	
All industries	1919	5,736	97.1	2.1	0.8
	1914	3,776	97.9	1.5	0.6
	1909	4,143	96.4	2.0	1.6
Automobile repairing [1]	1919	147	100.0	.....	.....
Bread and other bakery products	1919	116	82.8	10.3	6.9
	1914	89	88.8	6.7	4.5
Cars and general shop construction and repairs by steam-railroad companies.	1919	2,993	99.8	0.2	.....
	1914	1,922	100.0	.....	.....
Flour-mill and gristmill products	1919	66	100.0	.....	.....
	1914	29	100.0	.....	.....
Ice, manufactured	1919	115	99.1	0.9	.....
	1914	76	100.0	.....	.....
Lumber and timber products	1919	1,240	99.8	.....	0.2
	1914	573	100.0	.....	.....
Printing and publishing, newspapers and periodicals.	1919	257	78.6	8.9	12.5
	1914	243	80.2	13.6	6.2
All other industries	1919	802	90.1	9.5	0.4
	1914	844	97.4	2.1	0.5

[1] Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR ALBUQUERQUE: 1919, 1914, AND 1909.

	1919	1914	1909
Wage earners (average number)	1,283	847	587
16 years of age and over	1,252	845	581
Males	1,222	826	576
Females	30	19	5
Under 16 years of age	31	2	6
Value of products	$3,449,543	$1,914,384	$1,228,349

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	*4,992*	3,621	3,666	79.8	89.8	79.9	July	6,148	4,032	4,389	98.3	100.0	95.6
February	5,164	3,623	*3,616*	82.6	89.9	78.8	August	6,253	3,927	4,532	100.0	97.4	98.7
March	5,337	*3,605*	3,775	85.4	89.4	82.2	September	6,170	3,846	**4,591**	98.7	95.4	100.0
April	5,181	3,804	3,965	82.9	94.3	86.4	October	6,025	3,816	4,346	96.4	94.6	94.7
May	5,629	3,926	4,103	90.0	97.4	89.4	November	6,019	3,606	4,320	96.3	89.4	94.1
June	5,909	3,892	4,142	94.5	96.5	90.2	December	6,005	3,614	4,273	96.0	89.6	93.1

[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 ALBUQUERQUE: 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	5,736	*4,992*	5,164	5,337	5,181	5,629	5,909	6,148	**6,253**	6,170	6,025	6,019	6,005	79.8
Males	5,616	*4,931*	5,101	5,276	5,125	5,506	5,736	5,965	**6,021**	5,957	5,877	5,957	5,940	81.9
Females	120	61	63	61	*56*	123	173	183	232	213	148	62	65	24.1
Automobile repairing	147	*136*	140	142	138	139	146	148	146	146	156	**166**	161	81.9
Bread and other bakery products	116	116	116	116	*115*	116	116	116	116	116	116	116	**117**	98.3
Cars and general shop construction and repairs by steam-railroad companies	2,993	*2,847*	2,851	2,971	2,926	3,024	2,973	3,006	3,020	3,045	3,016	**3,127**	3,110	91.0
Flour-mill and gristmill products	66	53	*52*	*52*	55	54	55	67	81	82	80	80	81	63.4
Ice, manufactured	115	*57*	62	80	103	125	137	176	178	164	136	90	72	32.0
Lumber and timber products	1,240	*907*	1,110	1,144	994	1,171	1,314	1,377	1,371	1,312	1,346	**1,441**	1,393	62.9
Printing and publishing, newspapers and periodicals	257	*248*	262	260	254	250	251	257	261	257	259	261	264	93.9
All other industries	802	628	*571*	572	596	750	917	1,001	**1,080**	1,048	916	738	807	52.9
ALBUQUERQUE	1,283	*1,236*	1,254	1,275	1,259	1,287	1,320	**1,337**	1,329	1,304	1,277	1,292	1,236	91.7
Males	1,253	*1,195*	1,220	1,244	1,233	1,260	1,292	**1,306**	1,298	1,273	1,247	1,263	1,205	91.5
Females	30	31	34	31	*26*	27	28	31	31	31	30	29	31	76.5

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 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	5,736	398	.....	740	269	481	2,828	929	91
	1914	3,776	(2)	(2)	367	8	247	568	1,317	1,269
	1909	4,143	(2)	(2)	356	294	230	90	3,074	99
Automobile repairing [3]	1919	147	.....	.....	29	.....	103	.....	10	5
Bread and other bakery products	1919	116	5	.....	54	4	11	10	24	8
	1914	89	(2)	(2)	10	1	12	5	48	13
Cars and general shop construction and repairs by steam-railroad companies.	1919	2,993	.....	.....	114	265	.....	2,614	.....	.....
	1914	1,922	.....	.....	.....	.....	35	477	239	1,171
Flour-mill and gristmill products	1919	66	.....	.....	12	.....	6	.....	38	10
	1914	29	.....	.....	.....	.....	4	.....	20	5
Ice, manufactured	1919	115	.....	.....	58	.....	.....	8	8	41
	1914	76	.....	.....	.....	.....	.....	2	3	71
Lumber and timber products	1919	1,240	370	.....	10	.....	35	178	647	.....
	1914	573	(2)	(2)	61	.....	66	2	444	.....
Printing and publishing, newspapers and periodicals	1919	257	1	.....	250	.....	6	.....	.....	.....
	1914	243	(2)	(2)	163	1	41	29	9	.....
All other industries	1919	802	22	.....	213	.....	320	18	202	27
	1914	844	(2)	(2)	133	6	89	53	554	9
ALBUQUERQUE	1919	1,283	17	.....	178	.....	77	976	23	12
	1914	847	(2)	(2)	91	1	34	526	49	146

[1] Includes 48 and under for 1914 and 1909. [2] Corresponding figures not available. [3] Not shown separately in 1914.

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

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—														
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries	387	5,736	35	272	592	47	487	12	435	8	531	9	1,673	3	1,048	1	970
Automobile repairing	51	147	.....	45	102	6	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other bakery products	40	116	2	34	86	4	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies	15	2,993	.....	.....	.....	3	31	.....	.....	4	261	5	989	2	742	1	970
Flour-mill and gristmill products	30	66	2	28	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ice, manufactured	13	115	.....	6	19	6	68	1	28	.....	.....	.....	.....	.....	.....	.....	.....
Lumber and timber products	47	1,240	.....	30	60	7	76	5	180	1	75	3	543	1	306	.....	.....
Printing and publishing, newspapers and periodicals	80	257	19	54	112	5	59	2	86	.....	.....	.....	.....	.....	.....	.....	.....
All other industries	111	802	12	75	147	16	178	4	141	3	195	1	141	.....	.....	.....	.....
ALBUQUERQUE	52	1,283	4	35	74	7	60	5	179	.....	.....	.....	.....	.....	.....	1	970

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	387	368	313	5,736	3,776	4,143	$17,856,602	$9,320,067	$7,897,756	$10,129,119	$4,889,933	$4,636,713
Less than $5,000	116	179	143	112	225	221	297,543	398,269	329,169	207,811	290,874	243,159
$5,000 to $20,000	169	120	114	474	492	562	1,787,911	1,168,716	1,088,650	1,035,948	682,364	689,587
$20,000 to $100,000	67	47	43	695	617	778	2,608,702	1,859,568	1,996,506	1,311,071	913,394	1,062,426
$100,000 to $500,000	28	22	13	2,097	2,442	2,582	5,921,624	5,893,514	4,483,431	3,527,497	3,003,301	2,641,541
$500,000 and over	7			2,358			7,240,822			4,046,792		

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	100.00
Less than $5,000	30.0	48.6	45.7	2.0	6.0	5.3	1.7	4.3	4.2	2.1	5.9	5.2
$5,000 to $20,000	43.7	32.6	36.4	8.3	13.0	13.6	10.0	12.5	13.8	10.2	14.0	14.9
$20,000 to $100,000	17.3	12.8	13.7	12.1	16.3	18.8	14.6	20.0	25.3	12.9	18.7	22.9
$100,000 to $500,000	7.2	6.0	4.2	36.6	64.7	62.3	33.2	63.2	56.8	34.8	61.4	57.0
$500,000 and over	1.8			41.1			40.5			40.0		

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR ALBUQUERQUE: 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.
ALBUQUERQUE	52	1,283	100.0	$3,449,543	100.0	$2,022,455	100.0
Less than $5,000	9	5	0.4	22,754	0.7	15,184	0.8
$5,000 to $20,000	28	70	5.5	291,340	8.4	180,791	8.9
$20,000 to $100,000	10	84	6.5	467,135	13.5	219,034	10.8
$100,000 and over	5	1,124	87.6	2,668,314	77.4	1,607,446	79.5

TABLE 13.—CHARACTER OF OWNERSHIP: 1919, 1914, AND 1909.

CHARACTER OF OWNERSHIP AND CITY.	Census year.	Number of establishments.	WAGE EARNERS. Average number.	WAGE EARNERS. Per cent of total.	VALUE OF PRODUCTS. Amount.	VALUE OF PRODUCTS. Per cent of total.
All classes	1919	387	5,736	100.0	$17,856,602	100.0
	1914	368	3,776	100.0	9,320,067	100.0
	1909	313	4,143	100.0	7,897,756	100.0
Individuals	1919	181	392	6.8	2,091,542	11.7
	1914	196	415	11.0	1,380,833	14.8
	1909	158	499	12.0	1,177,829	14.9
Corporations	1919	135	5,158	89.9	15,001,235	84.0
	1914	123	3,213	85.1	7,380,655	79.2
	1909	95	3,374	81.4	6,243,762	79.1
All others	1919	71	186	3.2	763,825	4.3
	1914	49	148	3.9	558,579	6.0
	1909	60	270	6.5	476,165	6.0
ALBUQUERQUE	1919	52	1,283	100.0	3,449,543	100.0
	1914	55	847	100.0	1,914,384	100.0
Individuals	1919	26	59	4.6	341,383	9.9
	1914	26	51	6.0	190,626	10.0
Corporations	1919	17	1,199	93.5	3,002,903	87.1
	1914	17	753	88.9	1,607,564	84.0
All others	1919	9	25	1.9	105,257	3.1
	1914	12	43	5.1	116,194	6.1

TABLE 14.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS. 1919	1914	1909	HORSEPOWER. Amount. 1919	1914	1909	Per cent distribution. 1919	1914	1909
Primary power, total	727	452	348	17,260	12,468	15,465	100.0	100.0	100.0
Owned	215	203	206	13,896	11,159	12,220	80.5	89.5	79.0
Steam	136	148	159	12,595	10,361	11,781	73.0	83.1	76.2
Engines	129	(1)	(1)	11,187	(1)	(1)	64.8	.....	.....
Turbines	7	(1)	(1)	1,408	(1)	(1)	8.2	.....	.....
Internal-combustion engines	75	52	43	920	775	365	5.3	6.2	2.4
Water	4	3	4	381	23	74	2.2	0.2	0.5
Water wheels and turbines	4	1	4	381	16	74	2.2	0.1	0.5
Water motors	.....	2	.....	.....	7	.....	.....	(2)	.....
Rented—Electric	512	249	142	3,364	1,309	3,245	19.5	10.5	21.0
Electric	610	327	212	5,178	2,617	4,586	100.0	100.0	100.0
Rented	512	249	142	3,364	1,309	3,245	65.0	50.0	70.8
Generated by establishments reporting	98	78	70	1,814	1,308	1,341	35.0	50.0	29.2

[1] Not reported separately.

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

TABLE 15.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919.

INDUSTRY AND CITY.	COAL. Anthracite (tons, 2,240 pounds).	COAL. Bituminous (tons, 2,000 pounds).	Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas, manufactured (1,000 cubic feet).
All industries 1919	589	572,527	831	86,874	693	1,056
1914	422	774,409	2,355	30,802	(1)	1,382
Per cent of increase [2]	39.6	−26.1	−64.7	184.3	(1)	−23.6
Automobile repairing	13	339	1	8	121	107
Bread and other bakery products	32	486	114	505	87	.....
Brick	.....	3,581	75	12,124	2	.....
Cars and general shop construction and repairs by steam-railroad companies	26	53,841	273	67,111	34	.....
Coke, not including gas-house coke	.....	477,614	.....	.....	.....	.....
Flour-mill and gristmill products	2	2,155	.....	1,406	116	.....
Gas, illuminating and heating	.....	4,111	.....	2,115	.....	.....
Ice, manufactured	409	16,460	.....	1,482	.....	.....
Lumber and timber products	.....	6,377	.....	.....	6	.....
Wall plaster and composition flooring	.....	2,342	.....	2,104	.....	.....
All other industries	107	5,221	368	19	327	949
ALBUQUERQUE	54	22,266	499	4,281	60	626

[1] Included in figures for fuel oils.

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

SPECIAL STATISTICS.

Laundries (Table 16).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 16, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 16.—POWER LAUNDRIES: 1919 AND 1914.

	Number or amount.		Per cent of increase,[1] 1914–1919.
	1919	1914	
Number of establishments	16	15	.....
Persons engaged	326	274	19.0
Proprietors and firm members	15	14	.....
Salaried employees	19	20	.....
Wage earners (average number)	292	240	21.7
Primary horsepower	345	396	−12.9
Capital	$332,123	$205,065	62.0
Salaries and wages	197,616	134,176	47.3
Salaries	26,110	29,444	−11.3
Wages	171,506	104,732	63.8
Paid for contract work	2,850	200	1,325.0
Rent and taxes	11,922	8,380	42.3
Cost of materials	105,609	49,719	112.4
Amount received for work done	432,279	280,373	54.2

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

Dyeing and cleaning (Table 17).—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 17.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments	4
Persons engaged	17
Proprietors and firm members	5
Wage earners (average number)	12
Primary horsepower	18
Capital	$16,300
Wages	14,700
Paid for contract work	120
Rent and taxes	3,408
Cost of materials	5,452
Amount received for work done	29,873

Custom flour mills and gristmills (Table 18).—A summary of the more important data for custom flour mills and gristmills is presented in this table. Statistics for these mills are not included in the general tables nor in the totals for manufacturing industries.

TABLE 18.—CUSTOM FLOUR MILLS AND GRISTIMLLS: 1919 AND 1909.

	Number or amount.		Per cent of increase,[1] 1909–1919.
	1919	1909	
Number of establishments	10	19	.....
Persons engaged	17	37	.....
Proprietors and firm members	11	29	.....
Wage earners (average number)	6	8	.....
Primary horsepower	204	1,255	−83.7
Capital	$59,700	$118,509	−49.6
Wages	5,652	3,896	45.1
Rent and taxes	443	.....	.....
Cost of materials	[2] 62,565	[2] 113,179	−44.7
Value of products	[2] 80,621	[2] 141,653	−43.1

[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 19 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and for selected industries in the state, and for Albuquerque, similar data for all industries combined, 1919, 1914, and 1909. Certain kindred industries are combined in some instances for comparison with 1909.

Table 20 presents, for 1919, statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations, and for Albuquerque for all industries combined.

TABLE 19.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR ALBUQUERQUE: 1919, 1914, AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.		
All industries	1919	387	5,736	17,260	$6,658	$7,727	$17,857
	1914	368	3,776	12,468	2,695	4,430	9,320
	1909	313	4,143	15,465	2,591	3,261	7,898
Bread and other bakery products.	1919	40	116	94	123	491	788
	1914	45	89	48	59	242	412
	1909	32	54	26	43	154	272
Cars and general shop construction and repairs by steam-railroad companies.	1919	15	2,993	3,905	3,990	2,580	7,085
	1914	15	1,922	2,276	1,536	1,382	3,139
	1909	11	1,480	3,059	1,138	963	2,251
Confectionery and ice cream	1919	12	26	45	26	123	199
	1914	14	26	35	15	53	133
Copper, tin, and sheet-iron work	1919	9	13	5	21	32	68
	1914	10	19	12	11	22	50
Flour-mill and gristmill products	1919	30	66	1,631	65	1,092	1,324
	1914	17	29	761	16	337	425
	1909	16	28	532	17	354	462
Ice, manufactured	1919	13	115	2,259	124	191	408
	1914	15	76	2,115	48	52	232
	1909	10	50	1,378	33	42	144
Lumber and timber products[1]	1919	56	1,286	4,413	$1,167	$758	$2,971
	1914	60	642	3,109	379	491	1,643
	1909	76	1,475	4,885	714	578	2,162
Mineral and carbonated waters.	1919	20	44	167	36	67	156
	1914	17	28	26	14	20	73
	1909	14	14	(2)	6	13	32
Printing and publishing	1919	87	287	304	289	241	901
	1914	107	258	252	183	94	578
	1909	93	283	1,230	174	121	589
Saddlery and harness	1919	4	18	8	22	49	91
	1914	8	14	4	14	24	50
All other industries	1919	101	772	4,429	795	2,103	3,806
	1914	60	673	3,830	420	1,713	2,585
	1909	61	750	4,355	466	1,636	1,986
CITY.							
ALBUQUERQUE	1919	52	1,283	1,744	1,425	1,427	3,450
	1914	55	847	1,871	654	894	1,914
	1909	31	587	1,626	489	584	1,288

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

TABLE 20.—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	387	6,646	336	299	202	73	5,736	Au 6,253	Ja 4,992	(3)	(3)	(3)	(3)	(3)	*Dollars.* 15,226,253
2	Automobile repairing	51	212	56	3	6	.....	147	No 166	Ja 136	161	161	.....	.....	.....	322,988
3	Bread and other bakery products	40	170	42	1	3	8	116	De 117	Ap 115	119	99	12	7	1	205,184
4	Canning and preserving, vegetables	3	19	.....	4	.....	.....	15	Se 83	Ja [4] 0	85	35	50	.....	.....	30,716
5	Carriages and wagons, repair work only	4	12	5	.....	1	.....	6	(5) 6	(5) 6	6	6	.....	.....	.....	14,925
6	Cars and general shop construction and repairs by steam-railroad companies.	15	3,219	.....	115	95	16	2,993	No 3,127	Ja 2,847	3,109	3,103	6	.....	.....	3,646,746
7	Confectionery and ice cream: Ice cream	12	41	10	3	1	1	26	Jy 30	Ja [6] 24	27	22	4	1	.....	61,725
8	Copper, tin, and sheet-iron work	9	22	9	.....	.....	.....	13	Je 15	Fe [6] 12	11	11	.....	.....	.....	34,717
9	Flour-mill and gristmill products	30	119	27	18	5	3	66	Se 82	Fe [6] 52	82	82	.....	.....	.....	1,023,473
10	Foundry and machine-shop products	4	59	3	2	1	.....	53	My 61	Jy [6] 47	55	55	.....	.....	.....	93,231
11	Ice, manufactured	13	137	2	12	4	4	115	Au 178	Ja 57	132	131	1	.....	.....	621,056
12	Lime	4	17	1	2	1	.....	13	No 26	Mh [6] 6	24	24	.....	.....	.....	44,392
13	Lumber and timber products	47	1,367	40	44	40	3	1,240	No 1,441	Ja 907	1,742	1,72[illegible]	9	4	.....	2,737,337
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	9	59	7	4	.....	2	46	De 56	Ja 37	56	56	.....	.....	.....	141,980
15	Mineral and carbonated waters	20	70	18	6	1	1	44	Au 64	Ja 25	56	52	1	3	.....	178,930
16	Printing and publishing, job printing	7	43	7	4	1	1	30	Se 35	Ap 27	29	19	10	.....	.....	73,679
17	Printing and publishing, newspapers and periodicals.	80	400	76	34	14	19	257	.....	.....	264	206	26	32	.....	812,236
18	Printing, publishing, and job printing.	74	344	69	31	13	18	213	De 220	Ja 204	220	179	22	19	.....	717,430
19	All other	6	56	7	3	1	1	44	(5) 44	(5) 44	44	27	4	13	.....	94,806
20	Saddlery and harness	4	24	4	1	1	.....	18	De 22	Fe 15	21	21	.....	.....	.....	44,266
21	Tobacco, cigars	3	9	4	.....	.....	.....	5	(5) 5	(5) 5	5	4	1	.....	.....	2,634
22	All other industries *	32	647	25	46	28	15	533	.....	.....	.....	.....	.....	.....	.....	5,136,038

* All other industries embrace—

Automobile bodies and parts	1
Awnings, tents, and sails	1
Brick	6
Brooms, from broom corn	1
Butter	1
Charcoal, not including production in the lumber and wood distillation industries	1
Cleansing and polishing preparations	1
Coke, not including gas-house coke	2
Fertilizers	1
Food preparations, for animal and fowl consumption	2

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

1	ALBUQUERQUE	52	1,452	44	51	56	18	1,283	Jy 1,337	Ja 1,226	1,237	1,176	31	30	.....	2,418,440

[1] Includes water wheels and turbines (irrespective of ownership of water supply).
[2] Electric motors operated by rented (or purchased) current.
[3] No figures given for reasons stated under "Explanation of terms."

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.							Electric horsepower generated in establishments reporting.
											Owned.						
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power.[1]	Rented.[2]		
THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.																	
Dollars. 670,609	*Dollars.* 356,732	*Dollars.* 6,658,462	*Dollars.* 385,810	*Dollars.* 90,599	*Dollars.* 192,440	*Dollars.* 5,974,121	*Dollars.* 1,753,362	*Dollars.* 17,850,602	*Dollars.* 10,120,119	17,260	11,187	1,408	920	381	3,364	1,814	1
2,250	4,950	202,945	170	17,232	4,882	158,837	13,629	494,597	322,131	359	.....	.....	91	.....	268	.....	2
1,800	8,430	122,655	40	14,769	4,065	469,840	21,375	787,779	296,564	94	.....	.....	12	.....	82	.....	3
3,443	.....	10,272	.....	213	255	20,507	1,042	53,981	32,432	72	72	.....	.....	.....	.....	.....	4
.....	336	11,081	.....	1,380	253	9,138	752	30,900	21,010	21	.....	.....	.....	.....	21	.....	5
334,513	151,771	3,990,313	.....	.....	28,049	2,253,846	326,227	7,084,719	4,504,646	3,905	2,703	1,200	.....	.....	2	1,193	6
5,152	1,590	25,626	.....	3,660	2,756	120,366	2,199	198,767	76,202	45	.....	.....	.....	.....	45	.....	7
.....	.....	20,562	.....	1,963	705	30,983	555	68,120	36,582	5	.....	.....	3	.....	2	.....	8
16,156	7,177	64,551	86	720	8,362	1,060,505	31,890	1,324,340	231,945	1,631	490	.....	456	361	324	.....	9
11,400	1,283	50,938	.....	60	1,750	63,642	7,863	202,411	130,906	67	.....	.....	.....	.....	67	.....	10
18,838	5,414	123,999	.....	12,581	19,425	83,911	107,089	468,474	277,474	2,259	1,389	.....	185	20	665	104	11
1,245	22	11,155	2,105	30	167	605	3,637	20,822	22,580	.....	.....	.....	.....	.....	.....	.....	12
101,310	68,518	1,122,887	375,481	390	36,644	625,240	28,208	2,778,436	2,124,988	4,003	3,791	190	22	.....	.....	200	13
8,850	242	44,454	800	1,205	3,093	98,881	5,965	192,665	87,819	410	165	.....	42	.....	203	.....	14
5,124	2,535	36,171	.....	3,582	4,000	60,162	6,741	155,551	88,648	167	127	.....	5	.....	35	.....	15
6,330	1,560	30,578	100	2,636	1,150	28,025	1,573	96,637	67,039	20	.....	.....	.....	.....	20	.....	16
62,354	50,503	258,469	7,028	22,805	8,632	190,279	21,117	803,899	592,503	284	.....	.....	72	.....	212	.....	17
56,074	39,275	217,456	1,722	20,465	7,263	155,608	18,782	653,479	479,089	261	.....	.....	70	.....	191	.....	18
6,280	11,228	41,013	5,306	2,340	1,369	34,671	2,335	150,420	113,414	23	.....	.....	2	.....	21	.....	19
1,250	1,022	22,336	.....	2,520	1,467	48,681	654	90,904	41,569	8	.....	.....	.....	.....	8	.....	20
.....	.....	1,833	.....	1,099	2,155	4,667	200	11,665	6,798	.....	.....	.....	.....	.....	.....	.....	21
90,594	51,370	507,637	.....	3,754	64,630	646,006	1,172,646	2,985,935	1,167,283	3,910	2,450	18	32	.....	1,410	317	22

Furniture, store and office fixtures	1	Marble and stone work, monuments and tombstones	1	Roofing materials, other than metal	1
Gas, illuminating and heating	2	Mattresses and spring beds, not elsewhere specified	1	Salt	1
Jewelry	2	Paints	1	Wall plaster and composition flooring	2
Liquors, cereal beverages	1	Paving materials	1	Wool scouring	1

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

134,581	105,389	1,425,403	3,536	22,707	21,451	1,284,806	142,282	3,449,543	2,022,455	1,744	1,090	.....	.....	.....	654	602	1

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