

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

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CENSUS OF MANUFACTURES: 1914

NEW YORK

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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 should 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 whose 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 1914, 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 or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city 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 very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this 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 the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations 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, as a rule, has been followed in compiling the statistics of 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1914, 1909, and 1904, therefore, does not show separately all the industries given for 1914 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 1914 and 1909 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, without distinction of sex or 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 average thus obtained approximates the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, 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 believed not 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 particular, totals by sex and age for the wage earners reported for the representative day for all industries combined would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by sex and 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 number of men, women, and children 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 represent the approximate number who would be required to perform the work in any industry if all were continuously employed during the year, whereas the actual number to whom the total wages were paid would be larger.

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, all or 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 census of 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 internal revenue, corporation income tax, and state, county, and local taxes. In some instances the amount of the corporation tax for 1914 had not been ascertained when the report was prepared and the amount paid for 1913 was therefore given.

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 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 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 interest or depreciation, 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, since in most cases an engine or motor is not required to deliver continuously its full rated horsepower.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, oil, and gas. They relate to the quantity used during the year, which may be more or less than the quantity purchased. As only the principal varieties of fuel are shown, no comparison can be made with the total cost of all fuel.

NEW YORK.

By GEORGE E. OLLER

GENERAL STATISTICS.

General character of the state.—The area of New York is 49,204 square miles, of which 1,550 represent water surface. The inhabitants of the state in 1900 numbered 7,268,894, and in 1910, 9,113,614; and its estimated population in 1914 was 9,899,761. New York has ranked first among the states and territories in population since 1820; in 1914 it ranked twenty-ninth in area and fifth in density, having 207.7 persons per square mile, as compared with 191.2 in 1910 and 152.5 in 1900.

The urban population in 1910—that is, the population residing in cities and towns of 2,500 inhabitants or more—was 7,185,494, or 78.8 per cent of the total, as against 72.9 per cent in 1900. There were in the state in 1914, 10 cities, each having a population of over 50,000—New York City, 5,333,539; Buffalo, 454,112; Rochester, 245,077; Syracuse, 149,353; Albany, 102,961; Yonkers, 93,383; Schenectady, 91,012; Utica, 82,060; Troy, 77,560; and Binghamton, 52,191. In 1910 there were only 9 cities of that size, the population of Binghamton having increased to over 50,000 in the five-year period. These cities, whose aggregate population in 1914 formed 67.4 per cent of the estimated total population of the state, contributed 77.7 per cent of the manufactured products. There were also 43 cities and villages having a population of over 10,000 but less than 50,000. The 53 cities and villages having an estimated population of more than 10,000 contained 76.2 per cent of the total population of the state in 1914, while only three-tenths of 1 per cent resided in incorporated places having between 2,500 and 10,000.

The importance of New York in manufacturing is due largely to its geographic position, as well as to the abundant natural wealth of its fields, forests, mines, and quarries. The artificial and natural waterways afford an outlet for coastwise and foreign commerce through the most important seaport in the United States. A large percentage of the commercial and manufacturing centers of the state are located on waterways, which, according to the last survey, had an aggregate of approximately 1,550 square miles of navigable water.

The railroads of New York are also important factors in its industrial development and afford excellent avenues for the transportation and output of manufactures. The steam-railway mileage in 1914 was 8,530, and the electric-railway mileage in 1912 was 4,274.

The mineral output of the state for the year 1914, as reported by the United States Geological Survey, amounted to \$36,307,036. Agriculture is also a leading industry upon which manufactures are more or less dependent. The total value of all farm crops in 1909 was \$209,168,236, the most important being hay and forage, \$77,360,645; followed by cereals—oats, corn, wheat, etc., \$43,099,988; vegetables, \$36,309,544; and fruits and nuts, \$24,900,491.

The value of merchandise exported through the port of New York during the fiscal year ending June 30, 1914, was \$864,546,338, or 36.6 per cent of the aggregate for the United States, and of merchandise imported, \$1,040,380,526, or 54.9 per cent of the total for the country. The corresponding figures for 1909 were \$607,239,481 and \$779,308,944, respectively.

Importance and growth of manufactures.—Although New York is an important agricultural and mining state, its predominance is most marked in manufacturing. The state has outranked all others in this respect since 1849, when the first authorized census of manufactures was taken, but the proportion which the state has contributed to the total value of products manufactured in the entire United States has decreased. This proportion was 23.3 per cent in 1849 and only 15.7 per cent in 1914. In 1849 the total value of the manufactured products of New York, including those of the neighborhood and hand industries, amounted to \$237,597,249; while in 1914, exclusive of the value of products of the neighborhood and hand industries, it reached a total of \$3,814,661,114, or more than sixteen times that in 1849. During the same period the population of the state increased 219.6 per cent. In 1849 an average of 199,349 wage earners, representing 6.4 per cent of the total population, were employed in manufacturing, while in 1914 an average of 1,057,857 wage earners, or 10.7 per cent of the total population, were so engaged. During this period the gross value of products per capita of the total population of the state increased from \$77 to \$385.

Table 1 summarizes the more important statistics relative to all classes of manufactures combined in the state of New York for the censuses of 1914, 1909, 1904, and 1899, and gives the percentages of increase from census to census.

The general increase in the manufactures of the state was less from 1909 to 1914 than during either of the other five-year periods, the average number of

MANUFACTURES.

wage earners increasing 5.4 per cent, the value of products 13.2 per cent, and value added by manufacture 12.8 per cent. The value added by manufacture, as explained in the "Explanation of terms," best represents the wealth created by manufacturing operations during the year. The proportion of value added by manufacture which New York contributed to the total for the United States was about the same in 1914 as in 1899, 17.3 per cent.

The totals given in the table do not include the statistics for five establishments operated by the Federal Government—The United States Naval Clothing Factory and the United States navy yard at Brooklyn, the United States Lighthouse Establishment at Tompkinsville, the Watervliet Arsenal, and the West Point gas plant. In 1914 these plants employed an average of 4,731 wage earners and reported products valued at \$9,814,735.

	MANUFACTURING INDUSTRIES.				PER CENT OF INCREASE.		
	1914	1909	1904	1899	1909-1914	1904-1909	1899-1904
Number of establishments.....	48,203	44,935	37,194	35,957	7.3	20.8	3.4
Persons engaged.....	1,289,098	1,203,241	996,725	(1)	7.1	20.7	.....
Proprietors and firm members.....	48,636	47,559	41,766	(1)	2.2	13.9	.....
Salaries and wages.....	1,057,857	1,003,981	856,947	68,030	20.4	54.8	44.1
Wage earners (average number).....	2,356,655	1,997,662	1,516,592	1,099,931	5.4	17.2	17.0
Primary horsepower.....	\$3,324,277,526	\$2,779,496,814	\$2,031,459,515	\$1,523,502,651	18.0	31.7	37.9
Capital.....	878,770,946	743,262,909	541,160,026	414,063,700	20.0	36.8	33.3
Salaries and wages.....	242,728,935	186,032,070	111,145,175	76,740,115	17.6	37.3	30.7
Salaries.....	631,042,011	557,236,839	430,014,851	337,323,585	30.5	67.4	44.8
Wages.....	71,968,120	69,562,602	52,784,741	(1)	13.2	29.6	27.5
Paid for contract work.....	103,590,609	75,518,760	*32,318,897	(1)	3.5	31.8	.....
Rent and taxes (including internal revenue).....	2,108,607,361	1,856,904,342	1,348,603,286	1,018,377,186	37.1	.....	.....
Cost of materials.....	3,814,661,114	3,389,490,192	2,488,345,579	1,871,830,872	13.6	37.7	32.4
Value of products.....	1,706,053,753	1,512,585,850	1,139,742,293	853,453,686	13.2	35.4	32.0
Value added by manufacture (value of products less cost of materials).....					12.8	32.7	33.5

¹ Figures not available.

² Exclusive of internal revenue.

Table 2 shows the relative importance of the leading manufacturing industries in 1914 and gives percentages of increase for the three five-year periods from 1899 to 1914.

INDUSTRY.	CENSUS OF 1914.						PER CENT OF INCREASE. ¹									
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
All industries.....	48,203	1,057,857	100.0	\$3,814,661,114	100.0	\$1,706,053,753	100.0	5.4	17.2	17.9	13.2	35.4	32.9	12.8	32.7	33.5
Clothing, women's.....	3,835	108,393	10.2	345,315,642	9.1	161,635,588	9.5	10.5	32.0	52.5	26.7	57.0	62.4	30.0	52.0	63.5
Printing and publishing.....	4,806	64,020	6.1	257,268,671	6.7	188,353,768	11.0	1.4	18.1	11.1	18.6	31.6	39.6	17.4	28.0	44.0
Clothing, men's, including shirts.....	2,627	81,370	7.7	238,626,691	6.3	121,495,950	7.1	-10.9	41.3	18.7	-10.3	42.0	25.9	-7.1	41.3	25.4
Foundry and machine-shop products.....	3,093	66,690	6.3	173,429,715	4.5	104,867,493	6.1	4.1	5.8	-4.2	12.3	20.7	-0.2	13.1	18.2	11.7
Slaughtering and meat packing.....	337	6,641	0.6	148,105,659	3.9	17,887,272	1.0	8.7	62.5	14.4	16.5	68.3	29.4	5.5	98.4	21.3
Sugar, refining.....	5	4,899	0.5	124,941,470	3.3	10,574,467	0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bread and other bakery products.....	4,249	27,002	2.6	109,227,959	2.9	49,593,070	2.9	26.4	20.6	21.7	26.7	41.3	41.8	48.1	35.9	26.4
Tobacco manufactures.....	2,571	30,489	2.9	88,079,588	2.3	50,108,813	2.9	1.6	-11.6	25.4	14.9	16.9	22.2	10.6	12.3	18.8
Liquors, malt.....	153	9,826	0.9	85,673,426	2.2	61,178,667	3.6	12.5	9.5	7.4	10.3	25.4	10.4	4.0	27.6	3.1
Hosiery and knit goods.....	483	40,095	3.8	78,229,235	2.0	34,369,356	2.0	11.5	22.4	10.3	16.5	44.9	28.6	20.8	57.1	14.0
Flour-mill and gristmill products.....	891	3,070	0.3	77,408,764	2.0	9,986,003	0.6	2.7	-2.4	43.6	10.9	28.0	51.8	7.0	30.1	47.2
Electrical machinery, apparatus, and supplies.....	215	23,738	2.2	73,944,708	1.9	35,919,949	2.1	25.1	16.4	57.2	50.0	39.4	55.8	64.7	24.6	72.3
Millinery and lace goods.....	1,308	26,124	2.5	72,328,556	1.9	35,073,111	2.1	23.9	29.6	44.2	38.8	58.6	56.1	40.5	56.5	61.8
Boots and shoes, including cut stock and findings.....	309	27,561	2.6	71,412,755	1.9	28,363,804	1.7	27.4	24.2	4.5	48.2	28.4	33.4	47.6	27.0	39.9
Lumber and timber products.....	1,776	21,503	2.0	59,748,330	1.6	26,818,027	1.6	-21.7	5.6	2.9	-17.6	17.6	16.9	-13.0	5.5	30.9
Paper and wood pulp.....	150	13,570	1.3	56,335,681	1.5	20,405,222	1.2	12.4	-2.8	34.0	15.3	29.4	41.3	10.4	14.4	23.0
Gas, illuminating and heating.....	131	10,090	1.0	52,815,589	1.4	31,255,803	1.8	57.1	-8.6	30.6	24.7	19.9	68.8	14.4	12.1	61.9
Furniture and refrigerators.....	753	22,153	2.1	49,849,300	1.3	27,760,409	1.6	9.2	21.1	11.5	18.9	43.0	18.9	21.9	34.3	18.7
Furnishing goods, men's.....	346	17,495	1.7	45,385,505	1.2	22,495,721	1.3	-3.8	9.4	-23.1	7.6	43.8	.....	9.1	40.0	.....
Copper, tin, and sheet-iron products.....	791	16,040	1.5	44,821,655	1.2	20,448,824	1.2	9.2	11.8	31.9	16.6	40.8	41.6	17.4	27.1	30.2
Butter, cheese, and condensed milk.....	1,144	3,235	0.3	43,262,309	1.1	6,283,011	0.4	12.9	-0.1	17.6	1.9	36.7	16.9	-0.2	48.0	4.5
Chemicals.....	70	7,780	0.7	42,876,880	1.1	16,624,801	1.0	35.4	15.7	9.6	21.3	53.5	43.9	6.3	55.4	37.4
Automobiles, including bodies and parts.....	247	12,122	1.1	42,115,276	1.1	20,139,486	1.2	22.9	433.3	542.0	35.9	627.2	834.2	25.3	583.0	731.4
Patent medicines and compounds and druggists' preparations.....	806	5,699	0.5	41,796,235	1.1	24,884,490	1.5	20.5	9.1	-5.9	11.9	30.4	7.9	0.5	24.8	21.0
Leather, tanned, curried, and finished.....	98	5,360	0.5	36,018,342	0.9	8,106,071	0.5	-5.8	4.5	-16.6	30.3	27.7	-6.7	21.0	24.8	-7.2
Photographic apparatus and materials.....	59	7,426	0.7	35,174,339	0.9	25,370,452	1.5	81.7	56.4	25.6	87.5	97.0	127.4	83.9	103.5	137.0
Confectionery.....	349	10,768	1.0	34,070,463	0.9	14,004,923	0.8	25.6	19.6	26.3	33.4	40.0	34.0	41.5	29.0	41.5
Musical instruments, pianos and organs and materials.....	160	12,602	1.2	33,071,781	0.9	17,315,983	1.0	5.6	24.2	41.4	-1.8	44.0	58.6	7.0	30.1	52.0
Food preparations, not elsewhere specified.....	287	4,031	0.4	32,165,811	0.8	11,714,640	0.7	33.3	15.4	53.0	85.7	51.9	50.4	52.8	61.6	49.0
Iron and steel, steel works and rolling mills.....	24	10,788	1.0	32,077,757	0.8	13,861,144	0.8	6.9	34.1	71.6	-18.9	86.2	140.9	1.6	71.2	71.6

¹ Percentages are based on figures in Table 77; a minus sign (-) denotes decrease; percentages are omitted where base is less than 100, or where comparable figures can not be given.

Table 2—Continued.

INDUSTRY.	CENSUS OF 1914.							PER CENT OF INCREASE. ¹								
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
Paint and varnish.....	150	3,450	0.3	\$31,884,421	0.8	\$13,292,761	0.8	13.2	-6.2	19.9	11.6	13.7	33.1	24.6	29.2	25.4
Coffee and spice, roasting and grinding.....	136	1,690	0.2	31,675,263	0.8	6,113,812	0.4	11.3	-7.5	6.6	81.7	-35.4	20.1	28.0	11.5	-1.3
Cars and general shop construction and repairs by steam-railroad companies.....	107	20,234	1.9	30,892,742	0.8	16,558,585	1.0	23.0	16.1	8.5	42.2	21.5	10.4	42.3	27.8	24.5
Fur goods.....	147	5,904	0.6	30,312,136	0.8	13,490,100	0.8	-28.4	42.0	30.3	-26.6	57.4	65.8	-21.4	55.9	55.1
Silk goods, including throwsters.....	873	11,659	1.1	29,260,763	0.8	12,524,542	0.7	-9.6	14.4	43.5	10.3	31.4	58.8	-0.4	29.7	57.9
Soap.....	65	3,168	0.3	27,526,199	0.7	7,656,815	0.4	6.5	23.9	18.9	16.7	76.0	.....	-4.0	59.7	.....
Carpets and rugs, other than rag.....	14	12,540	1.2	26,075,521	0.7	10,297,368	0.6	5.4	7.4	28.8	1.8	32.0	29.1	-16.2	48.6	12.6
Canning and preserving.....	987	8,757	0.8	25,944,634	0.7	9,987,274	0.6	23.8	-9.2	22.1	36.3	13.2	34.5	35.5	5.4	46.6
Brass, bronze, and copper products.....	228	6,627	0.6	23,964,582	0.6	8,749,789	0.5	-0.4	.....	.....	8.0	.....	.....	-3.3	.....	.....
Jewelry.....	566	5,051	0.5	21,810,245	0.6	10,708,410	0.6	-6.1	32.0	34.8	7.1	64.8	20.6	7.8	59.2	29.4
Leather goods.....	605	7,473	0.7	21,796,980	0.6	9,789,284	0.6	-1.5	-0.8	33.0	3.8	21.9	42.5	4.5	19.2	41.3
Boxes, fancy and paper.....	331	14,192	1.3	21,692,085	0.6	12,043,705	0.7	23.0	7.7	29.4	52.4	11.7	52.1	48.3	13.0	42.8
Woolen, worsted, and felt goods, and wool hats.....	51	8,552	0.8	21,098,096	0.6	8,193,920	0.5	-9.6	5.8	-5.1	-11.1	21.9	23.4	-8.9	2.7	23.4
Iron and steel, blast furnaces.....	8	1,832	0.2	18,485,638	0.5	2,198,486	0.2	-20.3	47.4	50.9	-30.6	208.3	71.1	-61.5	152.3	47.0
Cotton goods, including cotton small wares.....	51	9,127	0.9	18,464,811	0.5	6,811,373	0.4	-14.4	21.2	-5.0	-9.3	51.5	24.5	-21.0	80.1	-5.5
Oil, linseed.....	6	538	0.1	16,686,597	0.4	2,565,098	0.2	-4.9	10.1	31.5	8.4	55.4	17.6	-7.2	58.9	109.3
Artificial flowers and feathers and plumes.....	369	7,715	0.7	16,455,637	0.4	8,298,041	0.5	-9.2	155.4	-17.3	-22.2	429.4	-20.3	-6.8	251.4	-10.0
Dyeing and finishing textiles.....	99	5,514	0.5	16,302,576	0.4	5,850,598	0.3	5.0	46.5	15.0	68.5	121.8	20.3	5.7	83.1	35.9
Liquors, distilled.....	17	658	0.1	15,492,582	0.4	11,010,613	0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paper goods, not elsewhere specified.....	113	4,639	0.4	15,330,357	0.4	6,876,878	0.4	7.8	24.1	31.2	26.6	59.7	24.8	29.1	57.6	26.5
Cordage and twine and jute and linen goods.....	17	5,505	0.5	14,964,737	0.4	4,513,901	0.3	-7.5	-11.7	23.7	22.5	-23.0	35.9	-2.4	-12.0	26.4
Agricultural implements.....	50	5,392	0.5	14,576,694	0.4	7,503,489	0.4	-5.7	-9.0	13.1	-2.6	14.8	28.8	-12.3	16.1	29.0
Shipbuilding, including boat building.....	207	6,076	0.6	14,195,298	0.4	9,022,520	0.5	7.7	-12.2	15.4	24.3	1.3	30.3	20.4	3.0	31.5
Marble and stone work.....	551	4,798	0.5	13,324,209	0.3	8,294,821	0.5	-30.9	-3.1	2.9	-25.7	10.1	11.9	-23.5	2.9	16.8
Gloves and mittens, leather.....	216	6,026	0.6	12,845,284	0.3	5,764,865	0.3	-4.2	12.0	-43.3	-10.4	44.1	-8.3	-8.7	48.3	-6.1
Malt.....	25	533	0.1	12,380,622	0.3	1,995,018	0.1	1.7	-3.0	-25.3	12.0	57.0	27.1	-8.4	30.9	25.5
Typewriters and supplies.....	61	4,446	0.4	12,252,046	0.3	9,733,524	0.6	-2.0	58.6	54.8	19.0	92.4	40.0	16.2	87.5	42.9
Gas and electric fixtures and lamps and reflectors.....	183	4,501	0.4	11,247,453	0.3	6,109,087	0.4	-25.2	47.7	24.7	-13.5	45.2	44.4	-19.6	42.1	38.9
Hats and caps, other than felt, straw, and wool.....	293	4,187	0.4	10,945,900	0.3	5,522,703	0.3	25.1	-4.9	-21.8	39.9	13.6	-17.5	39.8	10.3	-11.6
House-furnishing goods, not elsewhere specified.....	143	2,753	0.3	10,907,901	0.3	2,849,557	0.2	51.9	-2.2	-11.7	40.0	22.2	14.3	35.8	11.7	22.3
Smelting and refining, not from the ore.....	17	316	(?)	10,264,454	0.3	1,281,004	0.1	11.3	61.4	2.9	13.8	74.1	141.6	70.6	61.9	-30.6
Rubber goods, not elsewhere specified.....	45	3,633	0.4	10,228,445	0.3	5,542,271	0.3	75.8	-23.3	28.0	16.4	6.3	55.8	77.4	-4.3	41.6
Hats, straw.....	76	3,158	0.3	10,181,893	0.3	4,291,617	0.3	25.9	86.9	.....	33.7	190.2	.....	18.4	186.3	.....
Cars, steam-railroad, not including operations of railroad companies.....	4	2,595	0.2	9,066,920	0.2	2,695,291	0.2	8.7	49.0	-23.4	52.6	39.7	-18.7	7.2	68.0	0.9
Fancy articles, not elsewhere specified.....	278	3,576	0.3	9,046,001	0.2	4,490,439	0.3	4.3	20.1	18.8	15.1	54.6	21.0	-1.1	51.1	24.3
Mineral and soda waters.....	612	2,597	0.2	9,038,767	0.2	5,118,296	0.3	5.5	4.5	0.6	21.5	31.2	.....	6.9	20.8	.....
Bags, other than paper.....	30	1,362	0.1	8,962,397	0.2	1,354,409	0.1	36.2	38.5	11.9	79.8	36.7	62.1	55.7	36.8	15.
Carriages and wagons and materials.....	604	3,911	0.4	8,759,119	0.2	5,182,296	0.3	-36.1	-22.5	5.4	-34.8	-9.2	4.6	-30.8	-11.4	4.2
Brick, tile, pottery, and other clay products.....	189	7,494	0.7	8,290,306	0.2	5,187,248	0.3	-28.3	10.8	4.7	-30.0	10.4	32.8	-43.9	9.0	31.6
Cars and general shop construction and repairs by electric-railroad companies.....	61	4,921	0.5	8,204,259	0.2	4,137,862	0.2	9.8	20.8	45.0	23.6	71.1	10.4	19.6	34.0	29.9
Confectionery (ice cream).....	193	1,381	0.1	7,828,184	0.2	3,035,892	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buttons.....	224	5,223	0.5	7,821,290	0.2	4,597,532	0.3	-14.7	89.2	22.3	-16.6	143.5	62.3	-11.7	120.5	65.8
Cutlery and tools, not elsewhere specified.....	150	4,857	0.5	7,505,170	0.2	4,899,200	0.3	8.5	2.7	66.5	20.7	35.8	81.8	12.2	31.3	91.0
Chocolate and cocoa products.....	13	810	0.1	7,412,401	0.2	2,044,876	0.1	7.3	-2.3	24.9	27.3	42.8	50.2	23.5	17.9	85.0
Cooperage and wooden goods, not elsewhere specified.....	356	2,326	0.2	7,349,602	0.2	2,558,348	0.1	-10.9	-19.1	11.2	-2.3	0.4	32.7	-1.5	-3.3	17.9
Dental goods.....	40	866	0.1	7,143,111	0.2	1,942,762	0.1	225.6	-65.3	591.0	39.7	40.1	505.1	261.8	-42.1	291.6
Silverware and plated ware.....	59	2,989	0.3	6,875,212	0.2	4,139,012	0.2	-2.5	-7.2	30.9	-12.5	19.4	23.1	-3.1	21.3	14.1
Cement.....	12	2,283	0.2	6,840,005	0.2	3,332,594	0.2	58.2	-35.0	.....	183.9	-23.2	.....	107.1	-24.2	.....
Dairywomen's, poultrymen's, and apiarists' supplies.....	33	2,046	0.2	6,759,695	0.2	3,462,521	0.2	155.1	-12.3	.....	60.4	67.8	.....	18.3	136.5	.....
Bags, paper, not including bags made in paper mills.....	17	1,271	0.1	6,753,572	0.2	1,642,116	0.1	23.2	92.9	5.3	20.3	96.4	68.6	-2.3	57.6	85.1
Hats, fur-felt.....	39	3,563	0.3	6,637,380	0.2	3,146,652	0.2	-28.9	14.0	6.4	-35.0	32.0	38.2	-34.6	12.9	42.3
Stoves and furnaces, including gas and oil stoves.....	47	3,051	0.3	6,603,483	0.2	4,350,393	0.3	-28.2	52.3	.....	-26.4	62.4	.....	-19.9	51.4	.....
Mattresses and spring beds.....	196	1,996	0.2	6,496,972	0.2	2,645,702	0.2	23.1	15.1	10.7	10.1	28.7	24.3	8.5	37.5	4.4
Corsets.....	60	2,879	0.2	6,393,526	0.2	3,474,573	0.2	18.2	116.7	.....	-5.2	23.9	208.1	4.4	29.8	153.0
Dyestuffs and extracts.....	23	647	0.1	6,225,856	0.2	2,341,239	0.1	54.8	-19.5	-3.5	38.2	66.5	28.1	42.0	55.4	24.3
Ink, printing.....	26	489	(?)	6,169,815	0.2	3,524,557	0.2	-6.9	85.5	40.8	52.0	75.0	63.6	61.6	79.2	68.3
Umbrellas and canes.....	146	1,567	0.1	5,960,504	0.2	2,287,063	0.1	-18.3	28.0	-7.5	-7.3	36.4	-9.8	-0.4	23.8	2.9
Wire.....	6	1,884	0.1	5,779,462	0.2	2,092,329	0.1	-3.8	22.1	2,520.0	-42.6	7.1	4,745.9	-6.6	60.5	3,002.2
Optical goods.....	70	2,988	0.3	5,692,178	0.1	3,980,001	0.2	46.0	43.3	6.2	42.4	113.7	6.2	43.6	132.5	-0.2
Signs and advertising novelties.....	272	2,392	0.2	5,662,184	0.1	3,647,608	0.2	194.9	.....	.....	219.5	.....	.....	228.0	.....	.....
Grease and tallow, not including lubricating greases.....	41	1,027	0.1	5,517,876	0.1	1,697,023	0.1	27.9	1.1	.....	55.8	.....	.....	18.5	.....	.....
Clocks and watches, including cases and materials.....	32	2,236	0.2	5,461,134	0.1	3,231,662	0.2	-9.4	14.0	-20.5	-11.7	50.1	-16.5	-17.2	106.9	-5.9
Instruments, professional and scientific.....	88	2,243	0.2	5,367,989	0.1	3,727,863	0.2	14.2	60.7	32.1	22.6	62.0	23.2	59.8	50.6	27.0

¹ Percentages are based on figures in Table 77; a minus sign (-) denotes decrease; percentages are omitted where base is less than 100, or where comparable figures can not be given.
² Less than one-tenth of 1 per cent.

Table 2—Continued.

INDUSTRY.	CENSUS OF 1914.						PER CENT OF INCREASE. ¹									
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
Babbitt metal and solder.....	26	225	(?)	\$5,329,306	0.1	\$981,487	0.1	17.2	50.0	-36.9	-13.0	23.3	61.4	-6.7	59.6	81.1
Wall plaster.....	29	1,628	0.2	5,247,290	0.1	2,070,076	0.1	21.8	-2.8		16.8	20.3		(?)	26.1	
Pens, fountain, stylographic, and gold.....	31	740	0.1	5,169,218	0.1	4,144,951	0.2	1.4	18.9	50.9	60.6	65.5	64.6	150.2	54.9	56.7
Glass.....	22	3,089	0.3	5,156,714	0.1	3,471,897	0.2	-0.8	-1.2	23.4	14.3	5.4	55.2	3.6	16.8	54.4
Window shades and fixtures.....	106	1,006	0.1	5,008,595	0.1	1,429,999	0.1	10.4	12.3	31.9	-8.5	89.9	-2.1	-6.6	72.1	11.5
Ice, manufactured.....	111	1,407	0.1	4,896,778	0.1	3,229,311	0.2	25.2	86.4	89.0	28.6	117.7	66.4	16.8	135.8	49.9
Belting, leather.....	35	546	0.1	4,892,087	0.1	1,751,983	0.1	-9.6	-20.4	36.0	-23.8	11.7	74.6	-24.5	16.8	122.3
Blackening and cleansing and polishing preparations.....	98	784	0.1	4,773,924	0.1	2,650,304	0.1	19.1	19.0	11.3	24.4	41.1	42.1	31.9	54.4	34.8
Lapidary work.....	45	462	(?)	4,703,762	0.1	1,201,713	0.1	-7.4	13.2	10.8	-45.7	17.3	34.2	-48.7	82.5	30.1
Stationery goods, not elsewhere specified.....	61	1,712	0.2	4,690,225	0.1	2,072,810	0.1	37.7	22.7	6.9	40.3	32.1	18.2	10.5	19.3	16.5
Wall paper, not made in paper mills.....	11	1,513	0.1	4,576,726	0.1	2,394,927	0.1	-5.6	-11.0	-15.5	-13.3	-5.7	16.3	-14.6	(?)	23.0
Glass, cutting, staining, and ornamenting.....	182	2,148	0.2	4,361,798	0.1	2,713,627	0.2	-31.1	7.1	41.2	-10.0	14.0	19.5	-14.6	8.3	36.3
Photo-engraving.....	89	1,710	0.2	4,256,431	0.1	3,344,358	0.2	22.6	44.3	34.5	46.4	46.3	68.6	42.1	49.4	61.9
Paving materials.....	54	2,414	0.2	3,965,431	0.1	2,529,777	0.1	832.0	-30.6		241.2	8.8		309.9	23.2	
Brushes.....	107	1,568	0.2	3,834,612	0.1	1,994,251	0.1	-15.6			-5.9			-7.4		
Hat and cap materials.....	57	913	0.1	3,715,257	0.1	1,063,069	0.1	-5.4	-19.0		95.4	-3.1	13.4	93.1	0.3	113.5
Coffins, burial cases, and undertakers' goods.....	31	1,071	0.1	3,713,891	0.1	1,565,246	0.1	-13.3	-6.7	5.8	-1.9	2.9	36.1	-8.7	-4.4	28.2
Toys and games.....	97	1,883	0.2	3,713,487	0.1	1,987,763	0.1	57.3	44.9	41.9	100.8	12.5	90.1	98.3	19.9	60.2
Iron and steel forgings.....	24	1,464	0.1	3,570,582	0.1	2,291,076	0.1	45.5	25.1		39.4	59.3		48.5	46.5	
Salt.....	26	1,510	0.1	3,553,638	0.1	2,188,179	0.1	-1.0	11.1	7.3	22.6	-8.5	17.3	28.6	-14.1	13.8
Wirework, including wire rope and cable, not elsewhere specified.....	100	1,400	0.1	3,393,889	0.1	1,725,574	0.1	-15.1	-16.9	55.6	-42.2	61.4	50.1	-17.5	-5.5	78.0
Belting and hose, woven and rubber.....	9	757	0.1	3,341,683	0.1	1,337,908	0.1	138.8			160.2			227.7		
Firearms and ammunition.....	10	2,357	0.2	3,200,103	0.1	2,004,740	0.1	32.3	25.0	-15.4	34.8	37.5	-12.3	7.4	33.5	-7.5
Emery and other abrasive wheels.....	11	992	0.1	3,188,884	0.1	1,800,653	0.1	38.0	2,467.9	75.0	24.5	3,360.8		21.5	2,642.6	
Mirrors, framed and unframed.....	55	1,012	0.1	3,166,982	0.1	1,327,300	0.1	3.0	10.8	-6.0	-2.9	12.8	-26.7	5.1	25.0	-30.1
Awnings, tents, and sails.....	209	995	0.1	3,120,699	0.1	1,566,618	0.1	40.5	29.7		40.5	77.7		41.6	59.8	
Models and patterns, not including paper patterns.....	140	1,193	0.1	3,073,016	0.1	2,149,504	0.1	10.3	63.7	20.8	24.9	95.2	28.2	16.7	96.1	24.5
Iron and steel, bolts, nuts, washers, and rivets.....	7	1,305	0.1	2,952,047	0.1	1,564,660	0.1	-6.4	1.8		-0.5	21.2		8.4	-24.6	
Cordials and flavoring sirups.....	40	433	(?)	2,871,244	0.1	954,914	0.1	47.3	64.2	188.7	14.2	127.4	259.9	-6.7	143.0	198.6
Wood distillation, not including turpentine and resin.....	19	438	(?)	2,789,731	0.1	856,207	0.1	-26.1	21.3		-18.0	1.3		-3.1	0.7	
Stereotyping and electrotyping.....	51	1,097	0.1	2,781,235	0.1	1,980,214	0.1	21.2	9.3	16.8	24.8	39.0	46.5	23.6	29.7	42.8
Looking-glass and picture frames.....	157	1,152	0.1	2,778,659	0.1	1,635,838	0.1	-22.7	-1.3	1.4	-21.9	28.2	-10.7	-21.8	14.5	0.1
Gold and silver, reducing and refining, not from the ore.....	13	39	(?)	2,760,181	0.1	595,975	(?)	-7.1	23.5	-37.0	6.0	-31.1	-16.6	187.4	137.9	-59.3
Pipes, tobacco.....	20	1,492	0.1	2,689,133	0.1	1,092,371	0.1	-10.3	37.8	41.3	-16.3	70.8	11.2	-38.7	86.0	8.4
Oil, not elsewhere specified.....	37	180	(?)	2,664,911	0.1	723,089	(?)	31.4	-29.0		-10.7	9.7		-36.1	56.5	
Steam packing.....	33	662	0.1	2,612,071	0.1	1,021,497	0.1	-26.5	36.5	385.3	-31.0	61.0	270.5	-43.7	27.1	336.1
Glue, not elsewhere specified.....	9	381	(?)	2,483,254	0.1	541,343	(?)	-24.0	24.6		-17.1	95.5		-66.4	181.3	
Fertilizers.....	9	466	(?)	2,476,881	0.1	807,843	0.1	-48.7	52.3	-42.3	-41.7	104.2	-33.9	-49.3	113.4	-39.6
Flavoring extracts.....	119	311	(?)	2,352,035	0.1	930,045	0.1	21.5	-34.9		33.3	-8.5		8.6	-19.3	
Brooms.....	60	1,073	0.1	2,300,780	0.1	1,037,285	0.1	3.7			3.9			8.4		
Cork, cutting.....	30	1,014	0.1	2,258,190	0.1	873,626	0.1	21.4	68.3	197.0	24.3	171.2	43.5	34.9	102.2	81.8
Baskets, and rattan and willow ware.....	158	1,064	0.1	2,164,006	0.1	1,032,119	0.1	-14.0	-21.2	48.2	11.1	-0.1	94.5	-8.4	-13.2	121.5
Flags, banners, regalia, society badges, and emblems.....	66	744	0.1	2,037,168	0.1	1,145,520	0.1	-8.5	90.4	15.1	9.3	93.4	4.7	17.8	100.8	8.3
Hair work.....	90	635	0.1	2,022,833	0.1	990,249	0.1	-72.5	500.8	1.9	-74.3	676.8	25.2	-70.5	515.6	6.0
Paper patterns.....	13	856	0.1	1,996,812	0.1	1,550,904	0.1	12.5	-28.9	71.4	-7.8	-3.4	476.3	-5.6	-14.0	532.4
Labels and tags.....	35	649	0.1	1,968,815	0.1	1,165,780	0.1	9.4	54.4		41.3	86.3		35.2	61.1	
Upholstering materials, not elsewhere specified.....	27	561	0.1	1,964,558	0.1	623,414	(?)	-16.6	1.5		2.6	15.4		-30.5	17.3	
Surgical appliances and artificial limbs.....	93	530	0.1	1,959,450	0.1	1,204,218	0.1	14.2	-24.8	70.9	31.5	23.1	40.2	22.5	10.2	32.7
Furs, dressed.....	52	974	0.1	1,945,004	0.1	1,340,925	0.1	29.0	2.3	57.0	56.9	-11.4	80.2	38.5	-1.8	91.9
Jewelry and instrument cases.....	74	1,215	0.1	1,934,303	0.1	1,245,078	0.1	3.7	2.8	124.9	8.6	24.4	89.4	12.9	25.5	80.9
Sporting and athletic goods.....	45	881	0.1	1,920,945	0.1	949,050	0.1	71.1	-35.8		51.3	-4.1		49.0	-15.0	
Muclage and paste.....	26	300	(?)	1,874,483	(?)	830,172	(?)	52.3	85.8		40.5	180.4		41.4	179.5	
Iron and steel, doors and shutters.....	15	906	0.1	1,856,761	(?)	1,181,496	0.1	7.0	283.3		37.3	126.5		38.7	140.7	
Roofing materials.....	21	348	(?)	1,852,314	(?)	762,372	(?)	90.2	-49.3		29.6	2.6		28.8	18.9	
Vinegar and cider.....	189	362	(?)	1,788,986	(?)	749,399	(?)	-31.6	21.9	5.9	-20.3	17.5	50.1	-2.2	-16.2	66.8
Boxes, cigar.....	41	1,226	0.1	1,781,755	(?)	903,905	0.1	-19.9	-15.5	51.2	-20.2	-4.7	52.5	-18.4	-10.4	59.2
Artificial stone products.....	180	757	0.1	1,753,597	(?)	1,070,804	0.1	6.5	22.2		29.2	45.9		28.4	28.7	
Liquors, vinous.....	42	250	(?)	1,694,834	(?)	917,139	0.1	-7.7	-30.5	59.8	-6.7	-19.2	138.5	-11.5	-21.6	136.1
Motorcycles, bicycles, and parts.....	16	653	0.1	1,649,744	(?)	809,857	(?)	17.0	36.1	-80.5	41.6	53.5	-80.2	25.9	50.1	-79.3
Statuary and art goods.....	63	734	0.1	1,552,394	(?)	1,197,950	0.1	76.0	-9.0		56.8	6.8		56.2	-1.7	
Candles.....	10	357	(?)	1,499,015	(?)	567,399	(?)	2.9	2.1		-10.2	25.4		-0.6	43.1	
Sand and emery paper and cloth.....	3	182	(?)	1,396,705	(?)	468,323	(?)									
Drug grinding.....	11	369	(?)	1,354,886	(?)	555,569	(?)	9.8	325.3		53.3	128.4		27.1	181.9	
Wood, turned and carved.....	139	706	0.1	1,305,070	(?)	828,699	(?)	-44.8	58.9	-15.4	-46.1	86.5	-15.6	-44.9	74.8	16.5
Lead, bar, pipe, and sheet.....	6	174	(?)	1,301,201	(?)	270,092	(?)	-5.9	18.6	67.7	-37.1	-37.0	85.3	-22.4	-16.3	36.8
Wool shoddy.....	11	283	(?)	1,110,303	(?)	342,501	(?)	26.9	14.4	16.8	27.8	23.8		39.8	19.5	
Minerals and earths, ground.....	23	411	(?)	1,074,569	(?)	637,798	(?)	58.1	-33.2		45.6	-31.7		29.6	-33.9	
Electroplating.....	129	600	0.1	1,008,006	(?)	812,130	(?)	-8.0	-9.1	-5.4	-9.7	-5.8	3.0	-7.1	6.5	9.9
All other industries.....	1,139	26,389														

Separate statistics are presented for 161 industries, or industry combinations, for each of which products valued at more than \$1,000,000 were reported for 1914. These industries or combinations include 17 with products exceeding \$50,000,000 in value, 21 with products between \$25,000,000 and \$50,000,000 in value, and 25 with products between \$10,000,000 and \$25,000,000, making an aggregate of 63 industries with value of products in excess of \$10,000,000. The other industries shown separately comprise 35 with products between \$5,000,000 and \$10,000,000 and 63 with products between \$1,000,000 and \$5,000,000. Among those included under the head of "all other industries," are 15 which have products exceeding in value some of those presented in the table, but the statistics for them can not be shown separately without the possibility of disclosing the operations of individual establishments. These industries comprise 3 with products exceeding \$10,000,000, 1 with product between \$5,000,000 and \$10,000,000, and 11 with products between \$1,000,000 and \$5,000,000, and include copper smelting and refining, petroleum refining, and the manufacture of aluminum ware and of oil-cloth and linoleum.

The industries in the table are arranged in the order of their importance as measured by value of products, but the arrangement would vary considerably from that given if based on the average number of wage earners, or value added by manufacture. Thus, the slaughtering and meat-packing industry, which ranks fifth in gross value of products, and the flour-mill and gristmill industry, which ranks eleventh in that respect, rank thirty-fourth and sixty-third, respectively, in the average number of wage earners employed, and twenty-first and thirty-seventh, respectively, in value added by manufacture. In these industries comparatively few wage earners are required and the cost of material is very high. The proportional value added to the raw material by manufacture is, therefore, very small in comparison with the corresponding proportion for most other industries. Other important industries which rank much higher in gross value of products than in number of wage earners or value added by manufacture are the butter, cheese, and condensed-milk industry; the tanning, currying, and finishing of leather; the manufacture of soap; the roasting and grinding of coffee; the blast-furnace industry; the manufacture of linseed oil and of malt; and smelting and refining, not from the ore. On the other hand, there are several industries the rank of which, according to the number of wage earners or value added by manufacture, is considerably higher than the rank according to the value of products. In these industries the cost of materials forms a smaller proportion of the cost of production. In the brewing and distilling of liquors the relatively high rank of value added by manufacture is due to the inclusion of the Federal internal-revenue tax in the value of prod-

ucts. Among the industries whose rank in number of wage earners is relatively much higher than in value of products are the manufacture of furniture and refrigerators, fancy and paper boxes, and the operations of steam-railroad repair shops. Three of the textile industries—the manufacture of hosiery and knit goods, carpets and rugs, and cotton goods—also rank much higher in the number of wage earners than in value of products.

The development of manufactures in the state during the last five years has not been confined to a few industries, or groups of industries, but has largely depended upon the manufactures as a whole. However, on the basis of value of products, there are a few striking changes in rank in 1914, as compared with 1909 and 1904, as emphasized in the following statement, which presents the 50 leading industries of the state:

INDUSTRY.	RANK BY VALUE OF PRODUCTS.		
	1914	1909	1904
Clothing, women's.....	1	1	2
Printing and publishing.....	2	3	3
Clothing, men's, including shirts.....	3	2	1
Foundry and machine-shop products.....	4	4	4
Slaughtering and meat packing.....	5	5	6
Sugar, refining.....	6	6	5
Bread and other bakery products.....	7	7	10
Tobacco manufactures.....	8	9	7
Liquors, malt.....	9	8	8
Hosiery and knit goods.....	10	12	12
Flour-mill and gristmill products.....	11	11	11
Electrical machinery, apparatus, and supplies.....	12	15	15
Millinery and lace goods.....	13	14	18
Boots and shoes, including cut stock and findings.....	14	17	17
Lumber and timber products.....	15	10	9
Paper and wood pulp.....	16	16	13
Gas, illuminating and heating.....	17	19	16
Furniture and refrigerators.....	18	21	20
Smelting and refining, copper.....	19	13	(¹)
Furnishing goods, men's.....	20	20	14
Copper, tin, and sheet-iron products.....	21	24	21
Butter, cheese, and condensed milk.....	22	18	19
Chemicals.....	23	26	27
Automobiles, including bodies and parts.....	24	28	79
Patent medicines and compounds and druggists' preparations.....	25	25	22
Leather, tanned, curried, and finished.....	26	30	28
Photographic apparatus and materials.....	27	44	51
Confectionery.....	28	34	33
Musical instruments, pianos and organs and materials.....	29	27	26
Food preparations, not elsewhere specified.....	30	46	45
Iron and steel, steel works and rolling mills.....	31	23	29
Paint and varnish.....	32	29	25
Coffee and spice, roasting and grinding.....	33	49	23
Cars and general shop construction and repairs by steam-railroad companies.....	34	38	34
Fur goods.....	35	22	24
Silk goods, including throwsters.....	36	32	30
Soap.....	37	36	40
Carpets and rugs, other than rag.....	38	33	32
Canning and preserving.....	39	43	36
Brass, bronze, and copper products.....	40	37	48
Jewelry.....	41	41	44
Leather goods.....	42	40	35
Boxes, fancy and paper.....	43	51	43
Woolen, worsted, and felt goods, and wool hats.....	44	35	31
Iron and steel, blast furnaces.....	45	31	55
Cotton goods, including cotton small wares.....	46	42	39
Locomotives, not made by railroad companies.....	47	53	50
Oil, linseed.....	48	47	50
Artificial flowers and feathers and plumes.....	49	39	85
Dyeing and finishing textiles.....	50	62	77

¹ Figures not available.

Only two industries listed in the table, foundries and machine shops and flour mills and gristmills, held the same rank at each of the last three censuses. Of the 25 leading industries, there are 9 which had the same rank in 1914 as in 1909 and 7 which held the same rank in 1904 and in 1909. From 1909 to 1914 the greatest variation in the relative rank of the 50 leading industries was in the manufacture of photo-

graphic apparatus and materials, which advanced from forty-fourth place in 1909 to twenty-seventh in 1914, or seventeen places during the five-year period; while the manufacture of food preparations and the roasting and grinding of coffee each shows an advance of sixteen places.

The most pronounced decline in rank from 1909 to 1914 is shown for blast furnaces, fur goods, and artificial flowers and feathers and plumes.

The diversity of manufactures in the state is demonstrated by the fact that in no one industry does the total value of product represent one-tenth of that for all manufactures in the state combined. There are only 3 industries in which the proportion is more than 5 per cent; 8 in which the proportion ranges from 2 to 5 per cent; 13 from 1 to 2 per cent; and 21 from one-half of 1 per cent to 1 per cent. The manufactures of New York represent a greater diversity of industry than those of any other state. Of the 344 classifications used in presenting the manufacturing statistics for the country, 317 were represented in New York.

Some of the most important of the industries listed in Table 2, together with certain groups of industries formed by combining two or more, are given special consideration, as follows:

Clothing.—The manufacture of men's and women's clothing gave employment in 1914 to an average of 189,763 wage earners, and the total production was valued at \$583,942,333, or 17.9 per cent and 15.3 per cent of the respective totals for all industries in the state. In 1909 the industry employed 189,467 wage earners and the value of products was \$538,593,219, or 18.9 per cent and 16 per cent, respectively, of all industries in the state. The increase from 1909 to 1914 in the value of clothing manufactured in New York was 8.4 per cent; from 1904 to 1909, 49.2 per cent; and from 1899 to 1904, 41.1 per cent. At the census of 1889, when the first attempt was made to segregate the statistics for establishments manufacturing clothing under the factory system from those doing custom tailoring and dressmaking, there were 3,843 clothing factories, which employed 96,822 wage earners and whose products were valued at \$159,452,309. The value of the clothing made in New York has not only increased during the last 25 years, but at each succeeding census it has formed a greater proportion of the aggregate value of products for the clothing industries in the United States, advancing from 45.2 per cent in 1899 to 56.8 per cent in 1914.

The women's clothing branch of the industry shows the greatest and most consistent progress during the last 25 years. In 1899 men's clothing was the leading industry, but it was outranked in 1909 by women's clothing, which in 1914 continued to be the ranking industry of the state. Men's clothing shows a decline of 10.3 per cent in value during the same period.

The decrease in manufacture of men's clothing and the increase in that of women's clothing are due in part to the fact that in 1909 the proper segregation of men's, women's, and children's clothing was not always possible, because certain establishments did not classify their products as called for on the census schedules. The figures for men's clothing are therefore probably an understatement of the value of the 1909 production. The large increase in the manufacture of children's clothing and a difference in the classification of such establishments at the two censuses further account for the development in one branch of the industry and the apparent decline in the other.

The total value of women's clothing was \$173,548,385 in 1904; \$272,517,792 in 1909; and \$345,315,642 in 1914. The proportion which the value of women's clothing formed of all clothing increased from 48.1 per cent in 1904 to 50.6 per cent in 1909 and to 59.1 per cent in 1914.

Of the 3,835 establishments engaged primarily in the manufacture of women's clothing, 851 were contract shops and 2,984 regular factories. The total value of products, \$336,244,587, reported by the regular factories is distributed as follows: Suits, skirts, and coats, \$166,128,285; shirt waists and dresses, except house dresses, \$114,629,755; undergarments and petticoats, \$34,474,454; wrappers and house dresses, \$10,308,039; and all other, \$10,704,054.

Of the 64,927 wage earners employed in the manufacture of men's clothing, 36,543 were engaged in regular factories and 28,384 in contract shops. The output of the regular factories was valued at \$178,296,089, and was distributed as follows: Men's and youths' clothing, \$148,494,151; boys' clothing, \$29,047,068; and all other, \$754,870. There were 270 establishments in 1914 primarily engaged in the manufacture of men's shirts, and the value of all products was \$41,257,891.

Printing and publishing.—This industry includes the printing and publishing of books, newspapers, and periodicals, music, job printing, bookbinding and blank-book making, steel engraving, and lithographing. New York led all states in the industry as a whole and in each of its branches, with a combined output valued at \$257,268,671 in 1914, representing 28.5 per cent of the total value of products for the industry in the United States.

Printing and publishing is the second industry in the state in value of products and fourth in the number of wage earners, but first in the value added by manufacture. Of the 4,806 establishments reported for the combined industry in 1914, 383 were primarily engaged in bookbinding and blank-book making, 118 in steel and copper plate printing, 146 in lithographing, 2,369 in book and job printing, 73 in publishing music, and 1,717 in publishing newspapers and periodicals. Of

the total number of wage earners reported for the industry, 25,800 were reported by job-printing establishments, and 20,089 by plants engaged in publishing newspapers and periodicals. The total value of book and job printing was \$78,841,261 and of the printing of newspapers and periodicals, \$137,753,860.

Textiles.—The textile industries comprise the manufacture of hosiery and knit goods; silk and silk goods; carpets and rugs, other than rag; woolen, worsted, and felt goods, and wool hats; cotton goods, including cotton small wares; cordage and twine and jute and linen goods; and fur-felt hats. Considered as a unit, the seven allied industries gave employment in 1914 to an average of 91,041 wage earners, and the total output was valued at \$194,730,543. These figures represent a decrease since 1909 of 798, or nine-tenths of 1 per cent, in number of wage earners, but an increase of \$8,950,528, or 4.8 per cent, in value of products. In 1914 the textile industries employed 8.6 per cent of the total number of wage earners engaged in the manufacturing industries of the state, and contributed 5.1 per cent of the total value of products. The corresponding proportions for 1909 were 9.1 per cent and 5.5 per cent, respectively.

New York was the third state in value of products of all textiles combined, and of silk and silk goods, and fur-felt hats; first in the manufacture of hosiery and knit goods and of carpets and rugs, other than rag; and second in cordage and twine and jute and linen goods. It ranked fifth in the production of woolen, worsted, and felt goods, and wool hats; and eleventh in cotton goods, including cotton small wares.

Foundry and machine-shop products.—All foundries and machine shops except those manufacturing a distinctive product covered by a specific designation, such as agricultural implements, cash registers and calculating machines, sewing machines and attachments, and electrical machinery, are included in this classification. Under this head there are assembled for 1914 the following classes of establishments: 962 automobile repair shops, 2 bell foundries, 48 engine works, 28 boiler shops, 110 foundries, 1,363 machine shops, 11 shops primarily engaged in the manufacture of gas machines, 88 in general hardware, 3 in saddlery hardware, 3 in cast-iron pipe, 49 in plumbers' supplies, 18 in pumps, 46 in steam fittings, and 362 in structural ironwork. The value of all products for the combined industry in 1914 was \$173,429,715, 51.2 per cent of which was the output of general machine shops. The total value of products increased \$26,455,449 from 1904 to 1909, and \$19,059,369 from 1909 to 1914. New York ranked second among the states in this industry at each of the last three censuses.

Food and kindred products.—There are 16 industries which make up this group in New York. Named in the order of their relative importance these industries

are slaughtering and meat packing; sugar refining; the manufacture of bread and other bakery products; flour-mill and gristmill products; butter, cheese, and condensed milk; confectionery; food preparations; the roasting and grinding of coffee and spice; canning and preserving; the production of chocolate and cocoa; cordials and flavoring sirups; flavoring extracts; vinegar and cider; glucose and starch; poultry, killing and dressing; and butter reworking. In 1914 there were 8,943 establishments in this group, employing 73,796 wage earners, and manufacturing products valued at \$650,937,223, with \$144,573,613 added to the cost of materials by the processes of manufacture. This group of industries is of less importance when measured by value added by manufacture or by average number of wage earners than when measured by value of products, owing to the comparatively simple processes involved in the flour-mill, the butter, cheese, and condensed-milk, and the slaughtering and meat-packing industries.

Each of the industries included in this group shows an increase in value of products, the largest percentage of gain being 85.7 per cent in food preparations and the smallest, 1.9 per cent, in butter, cheese, and condensed milk.

Food and kindred products, considered as a unit, may be subdivided into the following groups: (1) Food products of animal origin, embracing 1,499 establishments, with products valued at \$192,885,129; (2) food products of vegetable origin, of which there were 7,444 establishments, with products valued at \$458,052,094.

Of the animal products, slaughtering and meat packing is the most important, and includes 153 sausage factories, 114 establishments engaged in wholesale slaughtering and meat packing, and 70 wholesale slaughterhouses not doing meat packing. The value of the products of these several industries in 1914 was \$3,869,497, \$71,431,443, and \$72,804,719, respectively. New York ranked third in 1914 among the states in slaughtering and meat packing, and the value of its products formed 8.8 per cent of the total for the industry in the United States.

Measured by value, refined sugar is the most important among the vegetable products. Measured by number of establishments, by number of wage earners, and by value added by manufacture the bakeries outranked the other industries of the group, but in value of products they held second place. Of the 4,249 bakeries in the state in 1914, 23 were primarily engaged in the manufacture of biscuits and crackers. These 23 establishments reported nearly half of the capital for the entire industry and their products constituted about one-fourth of the total.

Since 1899 New York has been second only to Minnesota in flour-mill and gristmill products. In many states small establishments predominate in this

industry, but in New York the average output per establishment of the 891 mills operating in 1914 was \$86,878.

Of the 1,144 butter, cheese, and condensed-milk factories, 279 were primarily engaged in the manufacture of butter, 821 in the manufacture of cheese, and 44 in the manufacture of condensed milk. The value of the output of these three branches of the industry represented 28.7 per cent, 35 per cent, and 36.3 per cent, respectively, of the total for the entire industry.

Tobacco manufactures.—New York ranks first in tobacco manufactures with products valued at \$88,079,588 in 1914, or 18 per cent of the aggregate value of tobacco manufactures in the United States. This designation covers the manufacture of cigars and cigarettes, chewing and smoking tobacco, and snuff, but is largely confined to the manufacture of cigars and cigarettes, all but 73 establishments reported in 1914 being engaged in this branch.

There were 2,654 establishments primarily engaged in the manufacture of cigars, 124 in the manufacture of cigarettes, and 20 in the manufacture of both cigars and cigarettes. The production of cigar factories was valued at \$44,183,961, or 50.2 per cent of the total value of products for the combined industry in the state. The figures for value of products include \$14,281,094 paid to the Federal Government as internal-revenue tax in 1914.

Liquors.—The manufacture of malt, distilled, and vinous liquors forms a very important group of industries in New York. The value of the combined production in 1914 was \$102,860,842, including \$24,051,080 paid as internal-revenue tax. Comparable figures for 1909 are not available, because those for distilled liquors can not be presented separately without disclosing the operations of individual establishments. The manufacture of malt liquors is the most important of the three industries. The total output of this branch in 1914 was valued at \$85,673,426, an increase over 1909 of \$7,953,381, or 10.2 per cent, which was a little less than half the gain for the preceding five-year period. The amount reported as value of products is to some extent misleading as an indication of the relative importance of the industry from a manufacturing standpoint, since it includes an internal-revenue tax of \$14,656,441. The actual increase in the value of malt liquors during the five-year period was only \$5,963,307 when the difference in the internal-revenue tax in 1914 and in 1909 is taken into consideration.

The value of distilled liquor in 1914 was \$15,492,582, including the internal-revenue tax of \$9,365,985, and that of vinous liquors, made in 1914, \$1,694,834, a decrease in the latter of \$121,786, or 6.7 per cent, as compared with 1909.

At the census of 1914, New York ranked first among the states in the manufacture of malt liquors, fifth in that of distilled liquors, and third in vinous liquors.

Iron and steel—Steel works and rolling mills, and blast furnaces.—Combined, these two allied industries gave employment in 1914 to an average of 12,620 wage earners, and the value of their products amounted to \$50,563,395. These figures represent an increase over 1909 of but 231, or 1.9 per cent, in number of wage earners, and a decrease of \$15,589,967, or 23.6 per cent, in value of products. This decrease is in keeping with the general depression in the iron and steel industry in 1914.

The classification "steel works and rolling mills" includes establishments engaged in the manufacture of steel or the hot rolling of iron and steel. It also includes the making of forgings and castings and the manufacture of rolled iron and steel into more highly finished forms when conducted as a part of the rolling-mill operations, as well as the few extant forges and bloomeries. It does not, however, include the making of cold-rolled products, nor of forgings, castings, and manufactures of iron and steel by establishments not equipped with steel-making furnaces or for hot rolling. The output of the steel works and rolling mills for the state in 1914 was \$32,077,757, or 18.9 per cent less than for 1909.

The blast-furnace branch includes establishments engaged in the manufacture of pig iron. In 1914 the products of the blast furnaces were valued at \$18,485,638, a decrease of 30.6 per cent from the value of products in 1909. Notwithstanding this decrease, New York ranked fifth in the value of iron and steel manufactured in 1914 in each of the two branches.

Electrical machinery, apparatus, and supplies.—This industry continues to show exceptional development. The total value of products as reported in 1914 was half again as large as that reported in 1909, an actual increase of \$24,654,893. New York ranks first among the states in the manufacture of electrical machinery, apparatus, and supplies, its production constituting 22.1 per cent of the total for the United States in 1914, as compared with 22.3 per cent in 1909, and 25.1 per cent in 1904.

Millinery and lace goods.—This industry includes the manufacture of muslin and lace curtains; dress, cloak, and millinery trimmings; embroideries and crocheted goods; hat and bonnet frames; ladies' belts; hats, trimmed and untrimmed; laces; pleating and puffing; ruching and ruffing; and veilings. Of the 1,308 establishments reported for the entire industry in 1914, 429 were primarily engaged in the manufacture of embroideries, 380 in the manufacture of trimmed hats and hat frames, 178 in the manufacture of dress and cloak trimmings, braids, and fringes, and 113 in the manufacture of women's neckwear. In 1914 the total value of products of the combined industry was \$72,328,556, a gain of 38.8 per cent over 1909. The total value of products reported for 1914 included \$15,007,114, reported as the value of embroideries; \$27,912,513, of trimmed hats and hat

frames; \$6,285,539, of dress and cloak trimmings, braids, and fringes; and \$11,921,350, of women's neckwear. New York ranks first among the states in this industry, its products forming 63.4 per cent of the total for the United States in 1914, 60.7 per cent in 1909, and 64.7 per cent in 1904.

Boots and shoes, including cut stock and findings.—Of the 309 establishments in the state included in this classification in 1914, 17 were engaged primarily in the manufacture of boot and shoe cut stock, 57 in the manufacture of boot and shoe findings, and 235 in the manufacture of boots and shoes. The corresponding figures for 1909 were 21, 56, and 219, respectively.

New York held second place among the states in 1914, with products valued at \$71,412,755. The proportion of the total value of the boot and shoe and allied industries contributed by New York was 12.1 per cent in 1914, 9.4 per cent in 1909, and 10.5 per cent in 1904. The industry ranked seventeenth in the state in 1909 but was fourteenth in 1914. The \$67,288,809 reported as the value of all products of establishments engaged chiefly in the manufacture of boots and shoes, includes \$693,354, the product of establishments manufacturing overgaiters, moccasins, leggings, etc.

Lumber and timber products.—This classification includes logging operations, sawmills, planing mills, and establishments engaged in the manufacture of wooden-packing boxes, and window and door screens, etc. It does not include mills engaged exclusively in custom sawing for local consumption. The industry in 1914 was represented by 607 independent planing mills, 967 sawmills and logging plants, 187 packing-box factories, and 13 mills engaged in the manufacture of window and door screens, etc.; these reported 61 per cent, 21.3 per cent, 16.1 per cent, and 1.6 per cent, respectively, of the value of products for the combined industry. The percentages in 1909 were 65.9 for planing mills including window and door screens, 20.7 for sawmills and logging plants, and 13.4 for packing-box factories. The industry as a whole dropped from tenth place among the industries of the state in 1909 to fifteenth in 1914. Measured by value of products, New York ranked second among the states in 1914 and in 1909.

Paper and wood pulp.—The 150 establishments reported under this classification in 1914 comprise 76 mills which manufactured paper exclusively, 18, pulp exclusively, and 56, both paper and pulp. The mills engaged exclusively in the production of paper largely predominated in 1914 as in 1909, but 72.1 per cent of the total output for the combined industry was produced by the establishments engaged in the manufacture of both paper and pulp. The growth of the industry was most marked during the period from 1899 to 1909, the increase in the value of products for the decade being 82.9 per cent. For the five-year period 1909–1914, the increase in value of products

was 15.3 per cent, as compared with 29.4 per cent for the period 1904–1909.

New York led all states in this industry at the last four censuses, the value of the output of the state forming 17 per cent of the total for the United States in 1914, 18.3 per cent in 1909, 20 per cent in 1904, and 21 per cent in 1899.

Gas, illuminating and heating.—This industry includes establishments manufacturing gas for illuminating and heating purposes from coal, coke, oil, benzine, gasoline, or calcium carbide. Lighting from gas was first introduced in New York City in 1823. The introduction of the Lowe process for the manufacture of water gas in 1873 led to a great expansion in the industry.

The total value of gas manufactured for sale in New York increased from \$8,512,706 in 1869 to \$42,346,726 in 1909, a fourfold increase in the 40 years. The output in 1914 was valued at \$52,815,589, an increase for the five-year period 1909–1914 of 24.7 per cent. The production in 1914 aggregated 54,776,737,000 cubic feet, of which 63.2 per cent was carbureted water gas, 33.4 per cent mixed coal and water gas, and 3.3 per cent coal gas.

New York ranks first among the states in the manufacture of illuminating and heating gas, reporting 24 per cent of the total value of products for the industry in 1914, 25.4 per cent in 1909, 28.2 per cent in 1904, and 27.6 per cent in 1899.

Furniture and refrigerators.—This classification embraces the manufacture of wood and metal furniture of all kinds, refrigerators and ice boxes, and store and office fixtures with the exception of show cases, which are provided for by a distinct classification. Of the 758 establishments, 729 were primarily engaged in the manufacture of furniture. The principal product of 471 of these furniture factories was wood furniture; of 26, rattan and willow furniture; of 49, metal furniture; and of 183, store and office fixtures. The total value of all furniture manufactured during 1914 was \$48,139,472, 59.8 per cent of which represented wood furniture.

For several decades New York has led all the other states in the manufacture of furniture and refrigerators. The value of the total production increased from \$41,928,774 in 1909 to \$49,849,300 in 1914, which figures represent 17.5 per cent and 17.8 per cent of the respective totals for the United States.

Furnishing goods, men's.—The 346 establishments reported for this industry in 1914 include 235 engaged primarily in the manufacture of a general line of men's furnishings, such as neckwear, belts, and handkerchiefs; 87 which manufactured suspenders, garters, and elastic woven goods as their leading products; and 24 which made collars and cuffs. Of the total value of products reported for the entire industry in 1914, \$17,719,796 represented the value of collars and cuffs, constituting 95.6 per cent of the total value of collars

and cuffs manufactured in the United States. The value of the general furnishing goods, \$23,205,074, in 1914, represented 44.2 per cent of the total value of such products manufactured in all states. New York, therefore, not only outranked all other states in the industry as a unit, but also in two of the three branches.

Copper, tin, and sheet-iron products.—This industry includes the manufacture of sheet-metal products of copper, tin, and sheet iron, including the preparation of such material for building construction. The 791 establishments reported in 1914 included 61 in which stamped and enameled ware were manufactured and 62 in which tinware was produced. The value of the tinware was \$14,362,697 and of the stamped and enameled ware, \$15,496,087. These amounts represented 32 per cent and 34.6 per cent, respectively, of the total value of products for the industry. The corresponding percentages for 1909 were 34.2 per cent and 27 per cent, respectively. In the manufacture of copper, tin, and sheet-iron products New York outranked all other states of the Union at the last four censuses, producing 18.5 per cent of the total output in 1914, 19.2 per cent in 1909, and 22.8 per cent in 1904.

Chemicals.—This classification includes the manufacture of acids (except sulphuric, nitric, and mixed acids, for which there is a separate classification), sodas, potashes, alums, coal-tar products, cyanides, bleaching materials, plastics, compressed or liquefied gases, alkaloids, gold, silver, and platinum salts, chloroform, ether, glycerin, Epsom salts, copperas, blue vitriol, and other bases and salts, when they are made as a chief product by the establishment reporting. It does not, however, include the manufacture of chemicals as by-products in establishments classified in the census reports under a different head. In the production of chemicals New York held first place among the states at each of the last four censuses, the value of its output constituting 27.1 per cent of the total for the United States in 1914, 30 per cent in 1909, and 30.6 per cent in 1904.

The production of chemicals by the use of electricity has had a marked effect on the development of the industry in New York in recent years. The increase from 1904 to 1909 in the value of the chemicals produced by the aid of electricity was \$8,617,238, as compared with an increase of \$9,679,675 from 1909 to 1914.

Automobiles, including bodies and parts.—The manufacture of automobiles in New York began only a few years before 1899, but during the ensuing fifteen years the number of establishments increased from 15 to 247, and the value of products from \$456,000 to \$42,115,276. The value of the output in 1904 was eightfold that of 1899, and in 1909 it was six times the amount reported in 1904. The increase from 1909 to 1914 was only 35.9 per cent, but the actual gain during the five-year period was far greater than during either of the two preceding census periods.

Although New York has made rapid strides in the industry, the development has not been as great as in other states. In 1899 New York contributed 9.6 per cent of the total value of products for this industry in the country as a whole; in 1904 the proportion had increased to 14.2 per cent; in 1909 it had dropped to 12.4 per cent, and in 1914 it further decreased to 6.7 per cent.

This classification also includes the manufacture of automobile bodies and accessories, but this branch of the industry is so interwoven with other industries, such as foundries and machine shops, the manufacture of rubber goods, electrical machinery, apparatus, and supplies, and brass and bronze products, that it is impossible to determine to what extent the statistics presented under this head cover the actual production of parts and accessories. Those reported were valued at \$17,439,581 and were produced by 215 establishments.

Patent medicines and compounds and druggists' preparations.—Under this heading are included the manufacture of patent medicines and some compounds not used for medicinal purposes, the manufacture of capsules, extracts, tinctures, and other pharmaceuticals, and perfumery and cosmetics. Of the 806 establishments reported in 1914, 566 were engaged primarily in the manufacture of patent medicines and compounds, the value of which represented 61.4 per cent of the total for the industry. There were also 159 establishments engaged in the manufacture of perfumery and cosmetics, which produced 43.1 per cent of the total of such products for the entire United States in 1914.

Leather, tanned, curried, and finished.—Establishments engaged primarily in the manufacture of leather, as well as those which treated hides and skins for others, are included in this classification. The cost of materials and the value of products, however, do not include the value of the hides or skins treated for others under contract. In 1914 New York ranked fourth among the states in the industry, the value of products amounting to \$36,018,342, an increase over 1909 of \$8,375,959, or 30.3 per cent.

Photographic apparatus and materials.—This industry includes the manufacture of cameras, lenses, headrests, and photographic apparatus and parts, and also the production of films (not exposed), plates, developers, sensitive paper, etc. Of the 59 establishments reported in 1914, 24 were engaged in the production of materials, and their output represented 91.3 per cent of the total for the combined industry.

The development of this industry was very rapid during the last 15 years, the total value of products having increased from \$4,186,876 in 1899 to \$35,174,339 in 1914, a gain for the 15 years of \$30,987,463, or over sevenfold. In 1914 New York ranked first in the production of photographic apparatus and materials, contributing 90.1 per cent of the total value of such articles produced in the entire country.

Musical instruments, pianos and organs and materials.—Of the 160 establishments included in this classification in 1914, 103 were primarily engaged in the manufacture of pianos; 16 in the manufacture of organs; and 41 in the manufacture of piano and organ materials. The output of the piano establishments represented 73.8 per cent of the \$33,071,781 reported as the total value of products for the industry as a whole. At each of the last four censuses, New York outranked all other states in the manufacture of pianos and organs and materials, contributing 37.2 per cent of the total value of the output for the United States in 1914; 37.5 per cent in 1909; and 35.4 per cent in 1904. The value of products for the combined industry in the state shows an increase of 58.6 per cent from 1899 to 1904 and 44 per cent from 1904 to 1909. From 1909 to 1914, however, there was a decrease of 1.8 per cent due mainly to the popularity of graphophones, victrolas, etc.

Paint and varnish.—Of the 150 establishments included in this classification in 1914, 105 were engaged primarily in the manufacture of paint, with products valued at \$22,425,958, representing 70.3 per cent of the total for the industry as a whole. The value of all products of the joint industries was \$28,559,474 in 1909 and \$31,884,421 in 1914, an increase of 11.6 per cent for the five-year period. In value of products, New York led at each of the last four censuses, reporting 21.9 per cent of the total for the United States in 1914, as compared with 22.9 per cent in 1909 and 27.7 per cent in 1904.

Manufactures from precious metals.—The manufacture of jewelry is closely allied to the production of silverware and plated ware, and the reduction and refining of gold and silver from clippings, sweepings, and scrap. In 1914 the three industries combined employed an average of 8,079 wage earners and manufactured products valued at \$31,445,638. These figures represent a decrease since 1909 of 4.8 per cent in wage earners but an increase of 2 per cent in value of products.

Cars and general shop construction and repairs by steam-railroad companies.—This industry represents the work done in the car shops operated by steam-railroad companies, and is confined almost exclusively to repairs to the rolling stock and equipment. The average number of wage earners was 20,234 in 1914, and the value of work done amounted to \$30,892,742, an increase in wage earners of 23 per cent and in value of work performed of 42.2 per cent during the last five-year period.

Fur goods.—The establishments engaged primarily in the manufacture of garments in which fur is the chief material, such as coats, cloaks, capes, muffs, scarfs, robes, gloves and mittens, and trimmings, are included in this classification. It does not include establishments engaged mainly in the dressing of furs. The value of products increased from \$26,244,346

in 1904 to \$41,301,451 in 1909, but decreased to \$30,312,136 in 1914. New York outranked all other states at each of the last four censuses in the manufacture of fur goods, the value of its output constituting 69.5 per cent of the total for the United States in 1914; 73.8 per cent in 1909; and 70.7 per cent in 1904.

Persons engaged in manufacturing industries.—Table 3 presents, for 1914 and 1909, the number of persons engaged in manufactures, distributed by sex, the average number of wage earners being distributed also by age. The sex and 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."

Table 3

CLASS.	Census year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.				
		Total.	Male.	Female.	Per cent of total.	
					Male.	Female.
All classes.....	1914 1909	1,289,098 1,203,241	927,648 869,434	361,450 333,807	72.0 72.3	28.0 27.7
Proprietors and officials.....	1914 1909	86,056 78,874	81,995 75,389	4,061 3,485	95.3 95.6	4.7 4.4
Proprietors and firm members.....	1914 1909	48,636 47,569	46,333 45,429	2,303 2,140	95.3 95.5	4.7 4.5
Salaried officers of corporations.....	1914 1909	16,565 12,916	15,786 12,481	779 435	95.3 96.6	4.7 3.4
Superintendents and managers.....	1914 1909	20,855 18,389	19,876 17,479	979 910	95.3 95.1	4.7 4.9
Clerks and other subordinate salaried employees.	1914 1909	145,185 120,386	100,660 87,404	44,525 32,982	69.3 72.6	30.7 27.4
Wage earners (average number).....	1914 1909	1,057,857 1,003,981	744,993 706,641	312,864 297,340	70.4 70.4	29.6 29.6
16 years of age and over.....	1914 1909	1,049,435 996,162	740,881 702,637	308,554 293,525	70.6 70.5	29.4 29.5
Under 16 years of age.....	1914 1909	8,422 7,819	4,112 4,004	4,310 3,815	48.8 51.2	51.2 48.8

In 1914 the number of persons engaged in manufactures was 1,289,098, of whom more than four-fifths were wage earners. Of the remainder, 86,056 were proprietors and officials, and 145,185 were clerks and other subordinate salaried employees. Among adult wage earners, 740,881, or 70.6 per cent, were males, and 308,554, or 29.4 per cent, were females; but among wage earners under 16 years of age females exceeded males, the per cent distribution by sex being 51.2 and 48.8, respectively. Figures for sex and age of wage earners in individual industries will be found in Table 78.

The proportion of males and females in each of the different classes of persons engaged in manufactures was practically the same at each of the two censuses, with the exception of clerks, in which class the proportion of females increased from 27.4 per cent in 1909 to 30.7 per cent in 1914. The actual increase in female clerks during the five-year period was 11,543.

Table 4 gives, for the several classes of persons engaged in manufactures, the percentages of increase from 1909 to 1914 and the per cent distribution at the two censuses.

MANUFACTURES.

Each of the several classes of employees increased from 1909 to 1914, the largest relative increase for both sexes combined (28.3 per cent) being for salaried officers of corporations, and the next largest (20.6 per cent) for clerks and other subordinate salaried employees. The rate of increase for females was greater than that for males in all but two of the classes shown

in the table. Wage earners 16 years of age and over represented 81.4 per cent of the total number of persons engaged in manufacturing industries in the state in 1914 and 82.8 per cent in 1909. This decrease in proportion was offset by the increase in the proportion of clerks and other subordinate salaried employees.

Table 4

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.								
	Per cent of increase, 1909-1914.			Per cent distribution.					
	Total.	Male.	Female.	Total.		Male.		Female.	
				1914	1909	1914	1909	1914	1909
All classes.....	7.1	6.7	8.3	100.0	100.0	100.0	100.0	100.0	100.0
Proprietors and officials.....	9.1	8.8	16.5	6.7	6.6	8.8	8.7	1.1	1.0
Proprietors and firm members.....	2.2	2.0	7.6	3.8	4.0	5.0	5.2	0.6	0.6
Salaried officers of corporations.....	28.3	26.5	79.1	1.3	1.1	1.7	1.4	0.2	0.1
Superintendents and managers.....	13.4	13.7	7.6	1.6	1.5	2.1	2.0	0.3	0.3
Clerks and other subordinate salaried employees.....	20.6	15.2	35.0	11.3	10.0	10.9	10.1	12.3	9.9
Wage earners (average number).....	5.4	5.4	5.2	82.1	83.4	80.3	81.3	86.6	89.1
16 years of age and over.....	5.3	5.4	5.1	81.4	82.8	79.9	80.8	85.4	87.9
Under 16 years of age.....	7.7	2.7	13.0	0.7	0.6	0.4	0.5	1.2	1.1

In order to compare the distribution of persons engaged in manufactures in 1914 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See "Explanation of terms.") Table 5 makes this comparison according to occupational status.

Table 5

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.							
	Number.			Per cent distribution.			Per cent of increase.	
	1914	1909	1904	1914	1909	1904	1909-1914	1904-1909
Total.....	1,289,098	1,203,241	996,725	100.0	100.0	100.0	7.1	20.7
Proprietors and firm members.....	48,636	47,509	41,766	3.8	4.0	4.2	2.2	13.9
Salaried employees.....	182,605	151,691	98,012	14.2	12.6	9.8	20.4	54.8
Wage earners (average).....	1,057,857	1,003,981	856,947	82.1	83.4	86.0	5.4	17.2

Of the three classes of persons given in the preceding table salaried employees show the largest percentage of increase during each of the five-year periods. This class formed an increasing proportion of the total number of persons engaged in manufactures at each successive census. Proprietors and firm members and wage earners increased but slightly from 1909 to 1914 as compared with the preceding five years, and each of these two classes represented a decreasing proportion of the total from census to census.

The average number of wage earners employed and their per cent distribution as males 16 years of age and over, females 16 years of age and over, and children under 16 years of age, are given in Table 6 for 1914, 1909, and 1904. The table also shows, for some of the important industries separately, a similar distribution of wage earners for 1914 and 1909.

Table 6

INDUSTRY.	Census year.	WAGE EARNERS.			
		Average number. ¹	Per cent of total.		
			16 years of age and over.		Under 16 years of age.
			Male.	Female.	
All industries.....	1914	1,057,857	70.0	29.2	0.8
	1909	1,003,981	70.0	29.2	0.8
	1904	856,947	70.5	28.6	0.9
Agricultural implements.....	1914	5,392	98.7	1.3	0.1
	1909	5,717	98.7	1.1	0.2
Artificial flowers and feathers and plumes..	1914	7,715	14.5	82.5	3.1
	1909	8,493	13.5	84.2	2.3
Automobiles, including bodies and parts..	1914	12,122	98.9	0.9	0.1
	1909	9,861	98.7	1.2	0.1
Boots and shoes, including cut stock and findings.	1914	27,561	66.0	32.3	1.7
	1909	21,627	63.6	34.3	2.0
Boxes, fancy and paper.....	1914	14,192	42.2	55.2	2.6
	1909	11,538	34.2	62.9	2.9
Brass, bronze, and copper products.....	1914	6,627	93.1	6.7	0.2
	1909	6,451	94.4	5.3	0.3
Bread and other bakery products.....	1914	27,002	80.0	19.5	0.5
	1909	21,357	86.2	13.3	0.5
Brick, tile, pottery, and other clay products.	1914	7,494	92.6	6.7	0.7
	1909	10,447	95.7	3.7	0.6
Buttons.....	1914	5,223	55.3	43.3	1.4
	1909	6,126	53.5	43.7	2.8
Canning and preserving.....	1914	8,757	45.2	54.3	0.5
	1909	7,075	43.8	55.1	1.0
Carpets and rugs, other than rag.....	1914	12,540	54.3	45.1	0.7
	1909	11,898	55.0	44.3	0.6
Carriages and wagons and materials.....	1914	3,911	98.4	1.5	0.1
	1909	6,116	98.3	1.7	.....
Cars and general shop construction and repairs by electric-railroad companies.	1914	4,921	99.5	0.4	0.1
	1909	4,480	99.5	0.5	.....
Cars and general shop construction and repairs by steam-railroad companies.	1914	20,234	100.0	.....	.....
	1909	16,454	99.9	0.1	.....
Chemicals.....	1914	7,780	97.7	2.2	0.1
	1909	5,746	96.9	2.9	0.2
Clothing, men's, including shirts.....	1914	81,370	56.0	43.4	0.7
	1909	91,363	58.5	41.1	0.4

¹ For method of estimating the distribution, by sex and age periods, of the average number in all industries, see "Explanation of terms."

Table 6—Continued.		WAGE EARNERS.							WAGE EARNERS.					
INDUSTRY.	Cen- sus year.	Average number.	Per cent of total.			Un- der 16 years of age.	Cen- sus year.	Average number.	Per cent of total.			Un- der 16 years of age.		
			16 years of age and over.		Male.				Fe- male.	16 years of age and over.			Male.	Fe- male.
			Male.	Fe- male.						Male.	Fe- male.			
Clothing, women's.....	1914	108,393	40.7	58.9	0.3	1914	7,473	78.7	19.9	1.5				
	1909	98,104	42.3	57.3	0.5	1909	7,586	81.2	17.8	1.0				
Confectionery.....	1914	10,768	38.8	59.8	1.4	1914	5,360	99.1	0.8	0.1				
	1909	8,570	40.0	58.0	2.0	1909	5,688	97.3	2.3	0.4				
Copper, tin, and sheet-iron products.....	1914	16,040	88.2	11.1	0.7	1914	9,826	99.5	0.2	0.3				
	1909	14,689	87.5	11.9	0.6	1909	8,731	99.9	0.1	.....			
Cordage and twine and jute and linen goods.	1914	5,505	48.7	50.9	0.4	1914	21,503	99.2	0.6	0.2				
	1909	5,952	46.4	52.8	0.8	1909	27,471	99.1	0.7	0.3				
Cotton goods, including cotton small wares.	1914	9,127	56.3	41.9	1.8	1914	4,798	99.0	0.9	0.1				
	1909	10,663	55.3	42.0	2.8	1909	6,939	98.9	1.0	0.1				
Cutlery and tools, not elsewhere specified..	1914	4,857	87.6	11.5	0.9	1914	26,124	30.6	67.5	1.9				
	1909	4,478	87.1	10.5	2.4	1909	21,078	21.5	77.1	1.4				
Dyeing and finishing textiles.....	1914	5,514	69.9	29.6	0.5	1914	12,602	93.9	4.8	1.4				
	1909	5,252	69.9	29.5	0.5	1909	11,938	94.6	4.3	1.1				
Electrical machinery, apparatus, and sup- plies.	1914	23,738	87.1	12.6	0.4	1914	13,570	96.2	3.8	.....			
	1909	18,972	80.0	13.8	0.2	1909	12,073	96.6	3.4	.....			
Fancy articles, not elsewhere specified.....	1914	3,576	51.0	46.3	2.7	1914	4,639	55.0	44.5	0.5				
	1909	3,430	63.5	34.4	2.2	1909	4,303	45.0	53.1	1.9				
Food preparations, not elsewhere specified.	1914	4,031	67.6	31.9	0.5	1914	5,699	48.8	50.2	1.0				
	1909	3,023	61.5	37.3	1.2	1909	4,728	46.1	53.2	0.7				
Foundry and machine-shop products.....	1914	66,690	98.2	1.6	0.2	1914	7,426	71.7	27.8	0.4				
	1909	64,066	98.0	1.8	0.2	1909	4,088	72.7	26.5	0.9				
Fur goods.....	1914	5,904	71.5	28.2	0.3	1914	64,020	77.7	21.1	1.2				
	1909	8,244	67.3	32.5	0.3	1909	63,120	76.9	22.2	1.0				
Furnishing goods, men's.....	1914	17,495	27.5	71.9	0.6	1914	3,633	70.1	28.8	1.1				
	1909	18,186	22.4	77.2	0.5	1909	2,066	73.8	25.6	0.6				
Furniture and refrigerators.....	1914	22,153	96.7	2.9	0.4	1914	6,076	99.9	0.1	.....			
	1909	20,281	96.9	2.6	0.6	1909	5,644	99.8	0.1	0.1				
Gas and electric fixtures and lamps and reflectors.	1914	4,501	91.9	7.6	0.5	1914	11,659	44.6	52.4	3.0				
	1909	6,017	93.2	6.5	0.3	1909	12,903	35.1	62.4	2.5				
Gas, illuminating and heating.....	1914	10,090	99.9	0.1	.....	1914	6,641	97.1	2.8	0.1			
	1909	6,422	99.7	0.2	0.1	1909	6,110	97.2	2.7	0.1				
Gloves and mittens, leather.....	1914	6,026	47.1	52.3	0.6	1914	3,168	77.3	22.4	0.3				
	1909	6,287	49.2	49.1	1.6	1909	2,976	77.8	22.1	0.1				
Hats and caps, other than felt, straw, and wool.	1914	4,187	81.4	18.5	0.1	1914	30,489	47.8	51.3	0.9				
	1909	3,348	78.4	21.4	0.2	1909	30,019	48.5	50.6	0.9				
Hats, fur-felt.....	1914	3,563	70.4	29.4	0.1	1914	4,446	86.5	13.1	0.4				
	1909	5,013	66.4	32.8	0.8	1909	4,538	85.9	13.9	0.2				
Hosiery and knit goods.....	1914	40,095	34.2	63.8	2.0	1914	8,552	54.8	43.7	1.5				
	1909	35,950	34.6	63.6	1.8	1909	9,460	55.6	42.4	2.0				
Iron and steel, steel work and rolling mills.	1914	10,788	99.1	0.9	.....	1914	159,220	81.9	17.3	0.8			
	1909	10,091	99.0	0.9	0.1	1909	145,156	82.2	17.1	0.7				
Jewelry.....	1914	5,051	87.9	11.1	1.0									
	1909	5,379	84.8	13.1	2.2									
Leather goods.....	1914	7,473	78.7	19.9	1.5	1914	7,586	81.2	17.8	1.0				
	1909	7,586	81.2	17.8	1.0	1909	5,360	99.1	0.8	0.1				
Leather, tanned, curried, and finished.....	1914	5,360	99.1	0.8	0.1	1914	5,688	97.3	2.3	0.4				
	1909	5,688	97.3	2.3	0.4	1909	9,826	99.5	0.2	0.3				
Liquors, malt.....	1914	9,826	99.9	0.1	.....	1914	8,731	99.9	0.1	.....			
	1909	8,731	99.9	0.1	.....	1909	21,503	99.2	0.6	0.2			
Lumber and timber products.....	1914	21,503	99.1	0.7	0.3	1914	27,471	99.1	0.7	0.3				
	1909	27,471	99.1	0.7	0.3	1909	4,798	99.0	0.9	0.1				
Marble and stone work.....	1914	4,798	99.0	0.9	0.1	1914	6,939	98.9	1.0	0.1				
	1909	6,939	98.9	1.0	0.1	1909	26,124	30.6	67.5	1.9				
Millinery and lace goods.....	1914	26,124	30.6	67.5	1.9	1914	21,078	21.5	77.1	1.4				
	1909	21,078	21.5	77.1	1.4	1909	12,602	93.9	4.8	1.4				
Musical instruments, pianos and organs and materials.	1914	12,602	93.9	4.8	1.4	1914	11,938	94.6	4.3	1.1				
	1909	11,938	94.6	4.3	1.1	1909	13,570	96.2	3.8	.....			
Paper and wood pulp.....	1914	13,570	96.2	3.8	.....	1914	12,073	96.6	3.4	.....			
	1909	12,073	96.6	3.4	.....	1909	4,639	55.0	44.5	0.5			
Paper goods, not elsewhere specified.....	1914	4,639	55.0	44.5	0.5	1914	4,303	45.0	53.1	1.9				
	1909	4,303	45.0	53.1	1.9	1909	5,699	48.8	50.2	1.0				
Patent medicines and compounds and druggists' preparations.	1914	5,699	48.8	50.2	1.0	1914	4,728	46.1	53.2	0.7				
	1909	4,728	46.1	53.2	0.7	1909	7,426	71.7	27.8	0.4				
Photographic apparatus and materials.....	1914	7,426	71.7	27.8	0.4	1914	4,088	72.7	26.5	0.9				
	1909	4,088	72.7	26.5	0.9	1909	64,020	77.7	21.1	1.2				
Printing and publishing.....	1914	64,020	77.7	21.1	1.2	1914	63,120	76.9	22.2	1.0				
	1909	63,120	76.9	22.2	1.0	1909	3,633	70.1	28.8	1.1				
Rubber goods, not elsewhere specified.....	1914	3,633	70.1	28.8	1.1	1914	2,066	73.8	25.6	0.6				
	1909	2,066	73.8	25.6	0.6	1909	6,076	99.9	0.1	.....			
Shipbuilding, including boat building.....	1914	6,076	99.9	0.1	.....	1914	5,644	99.8	0.1	0.1			
	1909	5,644	99.8	0.1	0.1	1909	11,659	44.6	52.4	3.0				
Silk goods, including throwsters.....	1914	11,659	44.6	52.4	3.0	1914	12,903	35.1	62.4	2.5				
	1909	12,903	35.1	62.4	2.5	1909	6,641	97.1	2.8	0.1				
Slaughtering and meat packing.....	1914	6,641	97.1	2.8	0.1	1914	6,110	97.2	2.7	0.1				
	1909	6,110	97.2	2.7	0.1	1909	3,168	77.3	22.4	0.3				
Soap.....	1914	3,168	77.3	22.4	0.3	1914	2,976	77.8	22.1	0.1				
	1909	2,976	77.8	22.1	0.1	1909	30,489	47.8	51.3	0.9				
Tobacco manufactures.....	1914	30,489	47.8	51.3	0.9	1914	30,019	48.5	50.6	0.9				
	1909	30,019	48.5	50.6	0.9	1909	4,446	86.5	13.1	0.4				
Typewriters and supplies.....	1914	4,446	86.5	13.1	0.4	1914	4,538	85.9	13.9	0.2				
	1909	4,538	85.9	13.9	0.2	1909	8,552	54.8	43.7	1.5				
Woolen, worsted, and felt goods, and wool hats.	1914	8,552	54.8	43.7	1.5	1914	9,460	55.6	42.4	2.0				
	1909	9,460	55.6	42.4	2.0	1909	159,220	81.9	17.3	0.8				
All other industries.....	1914	159,220	81.9	17.3	0.8	1914	145,156	82.2	17.1	0.7				
	1909	145,156	82.2	17.1	0.7	1909								

The relative number of men, women, and children employed as wage earners in the manufactures of the state was the same at the last two censuses and varies but little from the proportions shown for 1904. Of the 58 industries for which separate figures are given in this table, 33 show an increase from 1909 to 1914 in the proportion of males, 25 an increase in the proportion of females, and 22 an increase in the proportion of wage earners under 16 years of age.

Males predominated in a majority of the industries shown separately, but in 13 of those listed, the combined proportion of women and children employed as wage earners is greater than that of men. These industries combined gave employment to 175,649 females, or to 56.9 per cent of the total number of

such wage earners engaged in all manufactures of the state, and to 3,271 children, or 38.8 per cent of the total. The industries which gave employment to the greatest number of women were clothing, textiles, the manufacture of men's furnishing goods, and tobacco. These industries combined employed more than one-half of the 308,554 women wage earners reported in 1914. Women's clothing factories employed more female wage earners over 16 years of age than any other industry (63,843), but the largest proportion was in the manufacture of artificial flowers and feathers and plumes, in which industry 82.5 per cent of the 7,715 wage earners were women. In the manufacture of artificial flowers and feathers and plumes, men's furnishing goods, millinery and lace goods, and

hosiery and knit goods, over three-fifths of the wage earners were women, and in 9 other industries shown in the table, the proportion was over half.

The largest numbers of the wage earners under 16 years of age were employed in the manufacture of textiles, clothing, boots and shoes, fancy and paper boxes, millinery and lace goods, and in printing and publishing. The proportion of such wage earners was largest (3.1 per cent) in the manufacture of artificial flowers and feathers and plumes.

Table 7 shows the average number and the per cent distribution of wage earners employed in each of 52 cities having more than 10,000 inhabitants, classified according to age periods, and in the case of those 16 years of age and over, according to sex, for 1914, 1909, and 1904. Statistics for Lackawanna can not be shown separately without disclosing individual operations.

Table 8 gives percentages of increase from census to census, based upon the figures in Table 7, for cities where per cent of increase can be computed.

Table 7

AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.

CITY.	Total.			16 years of age and over.						Under 16 years of age.			Per cent of total.									
				Male.			Female.						16 years of age and over.			Under 16 years of age.						
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904	Male.			Female.			1914	1909	1904	
													1914	1909	1904	1914	1909	1904				1914	1909	1904
Albany.....	9,371	9,861	8,976	6,402	6,962	5,963	2,931	2,832	2,926	38	67	37	68.3	70.6	66.4	31.3	28.7	32.6	0.4	0.7	1.0	
Amsterdam.....	10,774	10,284	7,993	5,713	5,553	4,196	4,920	4,587	3,583	141	144	214	53.0	54.0	52.5	45.7	44.6	44.8	1.3	1.4	2.7	
Auburn.....	5,769	6,497	6,660	4,086	4,899	4,946	1,669	1,520	1,611	14	78	103	70.8	75.4	74.3	28.9	23.4	24.2	0.2	1.2	1.5	
Batavia.....	2,457	2,007	1,603	2,123	1,710	1,330	327	283	259	7	14	14	86.4	85.2	83.0	13.3	14.1	16.1	0.3	0.7	0.9	
Beacon.....	1,806	.....	.....	1,144	.....	.....	635	.....	.....	27	.....	.....	63.3	.....	35.2	.....	.....	.....	1.5	.....	.....
Binghamton.....	7,248	6,823	5,636	4,160	3,923	3,276	2,983	2,859	2,334	105	41	26	57.4	57.5	58.1	41.2	41.9	41.4	1.4	0.6	0.5	
Buffalo.....	54,416	51,412	43,567	45,957	42,385	36,441	7,769	7,445	6,739	690	532	387	84.5	84.4	83.6	14.3	14.5	15.5	1.3	1.1	0.9	
Cohoes ¹	5,781	8,127	6,910	3,271	3,852	3,669	2,488	4,071	3,045	22	204	196	56.6	47.4	53.1	43.0	50.1	44.1	0.4	2.5	2.8	
Corning.....	2,203	2,203	2,355	1,831	1,821	2,135	370	249	170	2	4	50	83.1	87.8	90.7	16.8	12.0	7.2	0.1	0.2	2.1	
Cortland.....	2,459	2,356	2,282	2,069	2,070	2,033	390	285	242	.....	1	7	84.1	87.9	89.1	15.9	12.1	10.6	.....	.....	0.3
Dunkirk.....	2,989	2,756	3,395	2,564	2,547	3,285	408	183	80	17	26	30	85.8	92.4	96.8	13.6	6.6	2.3	0.6	1.0	0.9	
Elmira.....	4,870	3,647	3,208	3,969	2,790	2,284	887	835	796	14	22	128	81.5	76.5	73.1	18.2	22.9	23.2	0.3	0.6	4.0	
Fulton.....	3,042	2,799	.....	2,008	1,839	.....	985	932	.....	49	28	.....	66.0	65.7	.....	32.4	33.3	.....	1.6	1.0	.....
Geneva.....	1,692	1,526	1,580	1,218	1,193	1,377	463	319	199	11	14	4	72.0	78.2	87.2	27.4	20.9	12.6	0.6	0.9	0.2	
Glens Falls.....	2,532	2,774	2,052	1,318	1,326	2,949	1,209	1,445	2,098	5	3	5	52.1	47.8	46.2	47.7	52.1	53.5	0.2	0.1	0.2	
Gloversville.....	5,335	5,741	5,048	3,124	3,571	2,967	2,181	2,095	2,004	30	75	77	58.6	62.2	58.8	40.9	36.5	30.7	0.6	1.3	1.5	
Hornell.....	2,285	2,183	2,200	1,511	1,694	1,452	580	482	742	194	7	6	66.1	77.6	66.0	25.2	22.1	33.7	8.5	0.3	0.3	
Hudson.....	1,423	1,302	1,524	890	806	967	526	470	507	7	26	50	62.5	61.9	63.4	37.0	36.1	33.3	0.5	2.0	3.3	
Ithaca.....	815	873	873	746	772	769	65	98	102	4	3	2	91.5	88.4	88.1	8.0	11.2	11.7	0.5	0.3	0.2	
Jamestown.....	7,794	6,789	5,237	6,182	5,513	3,776	1,529	1,181	1,317	83	95	144	79.3	81.2	72.1	19.6	17.4	25.1	1.1	1.4	2.7	
Johnstown.....	2,532	2,676	1,676	1,676	1,719	1,365	844	821	1,025	12	49	36	66.2	66.4	56.3	35.3	31.7	42.3	0.5	1.9	1.5	
Kingston.....	3,076	3,281	2,636	1,609	1,896	2,574	1,383	1,270	956	84	115	106	52.3	57.8	59.7	45.0	38.7	36.3	2.7	3.5	4.0	
Little Falls.....	3,823	4,211	2,621	2,548	2,493	1,459	1,266	1,693	1,135	9	25	27	66.7	59.2	55.7	33.1	40.2	43.3	0.2	0.6	1.0	
Lockport.....	2,381	2,138	2,323	1,856	1,740	1,906	512	394	403	13	4	14	78.0	81.4	82.0	21.5	18.4	17.3	0.5	0.2	0.6	
Middletown.....	1,989	1,733	1,596	1,391	1,269	1,307	573	459	289	25	5	.....	69.9	73.2	81.9	28.8	26.5	18.1	1.3	0.3	.....
Mount Vernon.....	1,346	1,207	1,004	1,004	985	646	336	218	24	6	4	.....	74.6	81.6	96.4	25.0	18.1	3.6	0.4	0.3	.....
New Rochelle.....	870	735	517	687	625	403	182	95	108	1	15	6	79.0	85.0	77.9	20.9	12.9	20.9	0.1	2.0	1.2	
New York City ¹	585,279	553,923	464,716	384,861	366,255	314,066	196,144	183,922	147,454	4,274	3,746	3,196	65.8	66.1	67.6	33.5	33.2	31.7	0.7	0.7	0.7	
Boroughs:																						
Bronx.....	19,387	14,540	.....	14,707	9,210	(3)	4,360	5,246	(3)	320	84	(3)	75.9	63.3	.....	22.5	36.1	.....	1.6	0.6	.....
Brooklyn.....	140,881	123,895	104,995	98,331	87,964	78,373	41,267	34,849	25,655	1,283	1,082	967	69.8	71.0	74.6	20.3	28.1	24.4	0.9	0.9	0.9	
Manhattan.....	385,902	384,858	(3)	239,437	243,631	(3)	144,111	139,005	(3)	2,354	2,222	(3)	62.0	63.3	.....	37.3	36.1	.....	0.6	0.6	.....
Queens.....	31,630	24,194	(3)	25,810	19,810	(3)	5,526	4,063	(3)	294	321	(3)	81.6	81.9	.....	17.5	16.8	.....	0.9	1.3	.....
Richmond.....	7,479	6,436	(3)	6,612	5,640	(3)	840	759	(3)	27	37	(3)	88.4	87.6	.....	11.2	11.8	.....	0.4	0.6	.....
Newburgh ¹	4,318	4,198	4,013	2,829	2,688	2,460	1,478	1,493	1,509	11	17	35	65.5	64.0	61.5	34.2	35.6	37.6	0.3	0.4	0.9	
Niagara Falls.....	9,390	6,089	4,574	8,205	5,212	3,706	1,160	853	842	25	24	26	87.4	85.6	81.0	12.4	14.0	18.4	0.3	0.4	0.6	
North Tonawanda.....	3,574	2,824	2,025	2,955	2,423	1,806	583	373	193	36	28	26	82.7	85.8	89.2	16.3	13.2	9.5	1.0	1.0	1.3	
Ogdensburg.....	898	1,259	929	524	811	631	367	405	288	7	43	10	68.4	64.4	67.9	40.9	32.2	31.0	0.8	3.4	1.1	
Olean.....	2,633	2,259	1,175	2,548	2,092	1,024	74	135	106	11	32	45	96.8	92.6	87.1	2.8	6.0	0.0	0.4	1.4	3.8	
Oneonta.....	1,337	.....	.....	1,123	.....	.....	214	.....	.....	.....	.....	.....	84.0	.....	16.0	.....	.....	.....	.....	.....	.....
Ossining.....	373	356	.....	268	262	.....	101	92	.....	4	2	.....	71.8	73.6	.....	27.1	25.8	.....	1.1	0.6	.....
Oswego.....	4,331	3,817	3,746	3,062	2,640	2,548	1,203	1,141	1,047	66	27	151	70.7	69.4	68.0	27.8	29.9	27.9	1.5	0.7	4.0	
Peekskill ¹	1,781	2,063	1,957	1,395	1,596	1,474	382	460	478	4	7	5	78.3	77.4	75.3	21.4	22.3	24.4	0.2	0.3	0.3	
Plattsburg.....	822	1,049	750	728	713	585	88	336	165	6	.....	.....	88.6	68.0	78.0	10.7	32.0	22.0	0.7	.....	.....
Port Chester.....	2,278	2,122	.....	1,507	1,483	.....	760	611	.....	11	28	.....	66.2	69.9	.....	33.4	28.8	.....	0.5	1.3	.....
Poughkeepsie ¹	4,729	3,268	3,775	3,052	2,155	2,610	1,615	1,088	1,155	62	25	110	64.5	65.9	66.5	34.2	33.3	30.6	1.3	0.8	2.9	
Rensselaer.....	811	763	.....	609	481	.....	200	278	.....	2	4	.....	75.1	63.0	.....	24.7	36.4	.....	0.2	0.5	.....
Rochester.....	44,113	39,108	31,779	30,136	26,717	20,964	13,240	11,977	10,317	737	414	498	68.3	68.3	66.0	30.0	30.6	32.5	1.7	1.1	1.6	
Rome.....	3,937	3,633	3,209	3,305	3,113	2,515	621	487	627	11	33	67	83.9	85.7	78.4	15.8	13.4	19.5	0.3	0.9	2.1	
Saratoga Springs.....	869	833	590	529	490	413	325	322	177	15	21	.....	60.9	58.8	70.0	37.4	38.7	30.0	1.7	2.5	.....
Schenectady.....	17,707	14,911	14,316	16,064	13,159	13,288	1,600	1,737	984	43	35	44	90.7	88.1	92.8	0.0	11.6	6.9	0.2	0.2	0.3	
Syracuse.....	17,551	18,148	14,554	13,891	14,565	11,439	3,469	3,373	2,882	191	210	233	79.1	80.3	78.6	19.8	18.6	19.8	1.1	1.2	1.6	
Troy ¹	17,421	20,102	19,114	8,297	8,642																	

CITY.	PER CENT OF INCREASE ¹ IN AVERAGE NUMBER OF WAGE EARNERS.					CITY.	PER CENT OF INCREASE ¹ IN AVERAGE NUMBER OF WAGE EARNERS.				
	Period.	Total.	16 years of age and over.		Under 16 years of age.		Period.	Total.	16 years of age and over.		Under 16 years of age.
			Male.	Female.					Male.	Female.	
Albany.....	1904-1914	4.4	7.4	0.2	-56.3	New York City.....	1904-1914	25.9	22.5	33.0	33.7
	1909-1914	-5.0	-8.0	3.5	-43.3		1909-1914	5.7	5.1	6.6	14.1
	1904-1909	9.9	16.8	-3.2	-23.0		1904-1909	19.2	16.6	24.7	17.2
Amsterdam.....	1904-1914	34.8	36.2	37.3	-34.1	Bronx Borough.....	1909-1914	33.3	59.7	-16.9	281.0
	1909-1914	4.8	2.9	7.3	-2.1		1904-1914	34.2	25.5	60.9	32.7
	1904-1909	28.7	32.3	28.0	-32.7		1909-1914	13.7	11.8	18.4	18.6
Auburn.....	1904-1914	-13.4	-17.4	3.6	-86.4		1904-1909	18.0	12.2	35.8	11.9
	1909-1914	-11.2	-16.6	9.8	-82.1	Manhattan Borough.....	1909-1914	0.3	-1.7	3.7	5.9
	1904-1909	-2.4	-1.0	-5.6	-24.3		1904-1914	30.7	30.3	36.0	-8.4
Batavia.....	1904-1914	53.3	59.6	26.2	-50.0	Queens Borough.....	1909-1914	16.2	17.2	10.7	-27.0
	1909-1914	22.4	24.2	15.5	-50.0		1904-1914	7.6	14.6	-2.1	-68.6
	1904-1909	25.2	28.6	9.3	.....		1909-1914	2.9	5.2	-1.0	-35.3
Binghamton.....	1904-1914	28.6	27.0	27.8	303.8		1904-1909	4.6	8.9	-1.1	-51.4
	1909-1914	6.2	6.0	4.3	156.1	Newburgh.....	1904-1914	7.6	14.6	-2.1	-68.6
	1904-1909	21.1	19.7	22.5	57.7		1909-1914	2.9	5.2	-1.0	-35.3
Buffalo.....	1904-1914	24.9	26.1	15.3	78.3		1904-1909	4.6	8.9	-1.1	-51.4
	1909-1914	5.8	5.9	4.4	18.6	Niagara Falls.....	1904-1914	105.3	121.4	37.8	-3.8
	1904-1909	18.0	19.1	10.5	50.4		1909-1914	54.2	57.4	36.0	4.2
Cohoes.....	1904-1914	-16.3	-10.8	-18.3	-88.8		1904-1909	33.1	40.6	1.3	-7.7
	1909-1914	-28.9	-15.1	-38.9	-89.2	North Tonawanda.....	1904-1914	76.5	63.6	202.1	38.5
	1904-1909	17.6	5.0	33.7	4.1		1909-1914	26.6	22.0	56.3	28.6
Corning.....	1904-1914	-6.5	-14.2	117.6	-96.0		1904-1909	39.5	34.2	93.3	7.7
	1909-1914	6.2	0.5	48.6	-50.0	Ogdensburg.....	1904-1914	-3.3	-17.0	27.4	-30.0
	1904-1909	-11.9	-14.7	46.5	-92.0		1909-1914	-28.7	-35.4	-9.4	-83.7
Cortland.....	1904-1914	7.8	1.8	61.2	.....		1904-1909	35.5	28.5	40.6	330.0
	1909-1914	4.4	(²)	36.8	.....	Olean.....	1904-1914	124.1	148.8	-30.2	-75.6
	1904-1909	3.2	1.8	17.8	-85.7		1909-1914	16.6	21.8	-45.2	-65.6
Dunkirk.....	1904-1914	-12.0	-21.9	410.0	-43.3		1904-1909	92.3	104.3	27.4	-28.9
	1909-1914	8.5	0.7	123.0	-34.6	Ossining.....	1909-1914	4.8	2.3	9.8	100.0
	1904-1909	-18.8	-22.5	128.8	-13.3	Oswego.....	1904-1914	15.6	20.2	14.9	-56.3
Elmira.....	1904-1914	51.8	73.8	11.4	-89.1		1909-1914	13.5	15.6	5.4	144.4
	1909-1914	33.5	42.3	6.2	-36.4		1904-1909	1.9	4.0	9.0	-82.1
	1904-1909	13.7	22.2	4.9	-82.8	Peekskill.....	1904-1914	-9.0	-5.4	-20.1	-20.0
Fulton.....	1909-1914	8.7	9.2	5.7	75.0		1909-1914	-13.7	-12.6	-17.0	-42.9
Geneva.....	1904-1914	7.1	-11.5	132.7	175.0		1904-1909	5.4	8.3	-3.8	40.0
	1909-1914	10.9	2.1	45.1	-21.4	Plattsburg.....	1904-1914	9.6	24.4	-46.7	.....
	1904-1909	-3.4	-13.4	60.3	250.0		1909-1914	-21.6	2.1	-73.8	.....
Glens Falls.....	1904-1914	23.4	38.9	10.1	00.0		1904-1909	39.9	21.9	103.6	.....
	1909-1914	-8.7	-0.6	-16.3	66.7	Port Chester.....	1909-1914	7.4	1.6	24.4	-60.7
	1904-1909	35.2	39.7	31.6	-40.0	Poughkeepsie.....	1904-1914	25.3	21.6	39.8	-43.6
Gloversville.....	1904-1914	5.7	5.3	8.8	-61.0		1909-1914	44.7	41.6	48.4	148.0
	1909-1914	-7.1	-12.5	4.1	-60.0		1904-1909	-13.4	-14.1	-5.8	-77.3
	1904-1909	13.7	20.4	4.5	-2.6	Rensselaer.....	1909-1914	6.3	26.6	-28.1	-50.0
Hornell.....	1904-1914	3.9	4.1	-21.8	3,133.3	Rochester.....	1904-1914	38.8	43.8	28.3	48.0
	1909-1914	4.7	-10.8	20.3	2,671.4		1909-1914	12.8	12.8	10.5	78.0
	1904-1909	-0.8	16.7	-35.0	16.7		1904-1909	23.1	27.4	16.1	-16.9
Hudson.....	1904-1914	-6.6	-8.0	3.7	-86.0	Rome.....	1904-1914	22.7	31.4	-1.0	-83.6
	1909-1914	9.3	10.4	11.9	-73.1		1909-1914	8.4	6.2	27.5	-66.7
	1904-1909	-14.6	-16.6	-7.3	-48.0		1904-1909	13.2	23.8	-22.3	-50.7
Ithaca.....	1904-1914	-6.6	-3.0	-36.3	100.0	Saratoga Springs.....	1904-1914	47.3	28.1	83.6	.....
	1909-1914	-6.6	-3.4	-33.7	33.3		1909-1914	4.3	8.0	0.9	-28.6
	1904-1909	0.0	0.4	-3.9	50.0		1904-1909	41.2	18.6	81.9	.....
Jamestown.....	1904-1914	48.8	63.7	16.1	-42.4	Schenectady.....	1904-1914	23.7	20.9	62.6	-2.3
	1909-1914	14.8	12.1	29.5	-12.6		1909-1914	18.6	22.1	-7.9	22.9
	1904-1909	29.6	46.0	-10.3	-34.0		1904-1909	4.3	-1.0	76.5	-20.5
Johnstown.....	1904-1914	4.4	22.8	-17.7	-66.7	Syracuse.....	1904-1914	20.6	21.4	20.4	-18.0
	1909-1914	-2.2	-2.5	2.8	-75.5		1909-1914	-3.3	-4.6	2.8	-9.0
	1904-1909	6.7	25.9	-19.9	36.1		1904-1909	24.7	27.3	17.0	-9.9
Kingston.....	1904-1914	16.7	2.2	44.7	-20.8	Troy.....	1904-1914	-8.9	7.3	-19.2	-54.2
	1909-1914	-6.2	-15.1	8.9	-27.0		1909-1914	-13.3	-4.0	-20.7	34.8
	1904-1909	24.5	20.5	32.8	8.5		1904-1909	5.2	11.8	1.9	-66.0
Little Falls.....	1904-1914	45.9	74.6	11.5	-66.7	Utica.....	1904-1914	16.8	16.0	19.9	-11.9
	1909-1914	-9.2	2.2	-25.2	-64.0		1909-1914	-3.3	-3.0	-4.0	0.0
	1904-1909	60.7	70.9	49.2	-7.4		1904-1909	20.9	19.6	24.9	-11.9
Lockport.....	1904-1914	2.5	-2.6	27.0	-7.1	Watertown.....	1904-1914	4.2	-3.3	73.4	-66.7
	1909-1914	11.4	6.7	29.9	225.0		1909-1914	-4.3	-7.7	25.7	-91.7
	1904-1909	-8.0	-8.7	-2.2	-71.4		1904-1909	9.0	4.7	38.0	300.0
Middletown.....	1904-1914	24.6	6.4	98.3	.....	Watervliet.....	1904-1914	-31.7	-33.8	-27.2	-62.5
	1909-1914	14.8	9.6	24.8	400.0		1909-1914	0.8	-2.6	14.0	-76.9
	1904-1909	8.6	-2.9	58.8	.....		1904-1909	-32.2	-32.0	-36.2	62.5
Mount Vernon.....	1904-1914	100.9	55.4	1,300.0	.....	White Plains.....	1909-1914	26.9	10.2	1,366.7	.....
	1909-1914	11.5	1.9	54.1	50.0	Yonkers.....	1904-1914	29.4	37.3	19.1	-96.2
	1904-1909	80.1	52.5	808.3	.....		1909-1914	-0.5	-0.5	0.4	-93.0
New Rochelle.....	1904-1914	68.3	70.5	68.5	-83.3		1904-1909	30.0	37.9	18.7	-46.2
	1909-1914	18.4	9.9	91.6	-93.3						
	1904-1909	42.2	55.1	-12.0	150.0						

¹ A minus sign (-) denotes decrease.

² Less than one-tenth of 1 per cent decrease.

In a majority of the cities there was a fair increase from 1909 to 1914 in the total number of wage earners, but individual cities show considerable variation in the relative number of men, women, and children employed. Males predominate in every city except Troy, where 51.8 per cent of the wage earners employed in 1914 were females 16 years of age and over. Glens Falls and Amsterdam show the next largest proportion of adult females, 47.7 and 45.7 per cent, respectively. Of the 9,031 female wage earners reported for Troy in 1914, 6,586 were engaged in the manufacture of men's collars and cuffs, and 1,852 in the manufacture of shirts. Of the 4,920 reported for Amsterdam, 2,922 were engaged in the manufacture of hosiery and knit goods, and 1,634 in carpet and rug factories.

Other cities in which over 40 per cent of the total number of wage earners employed in 1914 were women, are Kingston, Cohoes, Binghamton, Gloversville, Ogdensburg, and Watervliet. Of these cities, three—Cohoes, Binghamton, and Ogdensburg—show a smaller proportion of female wage earners in 1914 than in 1909, whereas, from 1904 to 1909 in several cities, the proportion of female wage earners decreased.

Practically all of the female wage earners reported for Gloversville were engaged in the manufacture of gloves and mittens, and over half of those reported for Cohoes were in the hosiery and knitting mills. In Binghamton the largest number of female wage earners—1,350—were engaged in the manufacture of cigars and cigarettes. The employment of females was more widely distributed among various industries in Buffalo, where the largest number reported for any one industry was 1,010 in the men's clothing factories, out of a total of 7,769 reported for the city in 1914.

The largest numbers of adult female wage earners are employed in New York City, where 196,144, or 33.5 per cent of all wage earners in the city, were females. With one exception—Troy, with 9,031—Rochester and Buffalo, with 13,240 and 7,769 female wage earners, respectively, show a larger actual number of this class than were reported for the nine cities in which female wage earners constituted over 40 per cent of the total number of wage earners employed in manufactures.

The largest numbers of wage earners under 16 years of age were reported for New York City, Rochester, and Buffalo; but the greatest proportion was employed in the manufactures of Hornell and Kingston, with 194, or 8.5 per cent, in the former, and 84, or 2.7 per cent, in the latter, in 1914.

The greatest relative gains in the last decade in the total number of wage earners employed in any of the cities presented in the preceding tables, were in Olean, Niagara Falls, and Mount Vernon, where the number of wage earners more than doubled during the decade

1904 to 1914. During the period 1909–1914 the percentages of greatest increase were in Niagara Falls, Poughkeepsie, and Elmira, whereas, from 1904 to 1909, Olean, Mount Vernon, and Little Falls showed the greatest increases.

In New York City the increase in wage earners during the decade ending with 1914 was 120,563, or 25.9 per cent. The first half of the decade, however, was the period of greatest gain, the rate of increase being 19.2 per cent, as compared with 5.7 per cent from 1909 to 1914. Of the total increase (31,356) during the latter period more than one-half was in Brooklyn Borough, but the Bronx shows the greatest relative gain, 33.3 per cent. Of the total wage earners employed in the manufactures of the city, nearly two-thirds were males 16 years of age and over and about one-third females of the same age period, while less than 1 per cent represented those under 16 years of age. During the decade there was a slight increase in the proportion which females formed of the total and a corresponding decrease in the proportion of males.

During the decade 1904–1914 the greatest proportional decrease in the total number of wage earners (31.7 per cent) is shown in the manufactures of Watervliet, where there was a decrease in each class of employees. During the more recent five-year period Cohoes, Ogdensburg, and Peekskill show a decided decrease in the number of wage earners of both sexes and age periods.

Wage earners employed, by months.—The following table gives, for all industries combined, the total number of wage earners employed on the 15th of each month, or the nearest representative day, for the years 1914 and 1909, and the average number employed during each month in 1904, together with the percentage which the number reported for each month forms of the greatest number reported for any month.

MONTH.	Number. ¹					
	Number. ¹			Per cent of maximum.		
	1914.	1909	1904	1914	1909	1904
January.....	1,055,575	945,356	817,392	96.4	88.9	90.8
February.....	1,078,354	971,236	838,719	98.5	91.4	92.0
March.....	1,094,773	991,633	857,346	100.0	93.3	94.7
April.....	1,084,215	989,498	861,782	99.0	93.1	95.2
May.....	1,067,030	983,987	848,514	97.5	92.6	93.7
June.....	1,053,471	980,503	836,239	96.2	92.2	92.4
July.....	1,033,953	977,203	828,817	94.4	91.9	91.5
August.....	1,037,475	998,896	853,093	94.8	94.0	94.2
September.....	1,067,384	1,041,333	892,141	97.5	97.9	98.5
October.....	1,072,512	1,063,162	905,428	98.0	100.0	100.0
November.....	1,034,649	1,059,852	887,637	94.5	99.7	98.0
December.....	1,014,893	1,045,110	856,256	92.7	98.3	94.6

¹ The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during the month.

In 1914 February, March, and April show the greatest activity in the combined industries of the state, the maximum number of wage earners appearing for March and the minimum for December. For 1904 and

1909 the greatest activity is shown for the fall, the maximum month being October. The greatest difference between the maximum and minimum months in any one of the three census years was 117,806 in 1909.

Table 10 gives the total average number of wage earners employed during 1914, together with the total

number employed on the 15th of each month, or the nearest representative day, for the combined industries of the state, for a number of selected industries, and for the total industries for each of the 52 cities having more than 10,000 inhabitants, for which separate statistics can be shown.

Table 10 WAGE EARNERS: 1914.
[Month of maximum employment for each industry is indicated by boldface figures and that of minimum 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.....	1,057,857	1,055,575	1,078,354	1,094,773	1,084,215	1,067,030	1,053,471	1,033,953	1,037,475	1,067,384	1,072,512	1,034,649	1,014,893	92.7
Agricultural implements.....	5,392	7,423	7,395	7,012	6,367	5,603	4,850	4,109	<i>2,563</i>	4,000	4,237	5,309	5,836	34.5
Artificial flowers and feathers and plumes.....	7,715	7,326	7,983	8,147	8,038	6,961	<i>6,364</i>	6,701	7,707	9,006	8,598	7,963	7,786	70.7
Automobiles, including bodies and parts.....	12,122	11,559	11,724	12,114	12,746	12,935	12,914	12,848	12,324	11,800	11,751	11,408	<i>11,341</i>	87.7
Boots and shoes, including cut stock and findings.....	27,561	27,765	28,312	28,149	26,913	27,148	27,393	28,243	27,376	26,888	27,496	27,124	27,925	95.0
Boxes, fancy and paper.....	14,192	14,685	14,612	14,814	14,689	14,298	13,949	<i>13,466</i>	13,538	14,075	14,414	14,106	13,668	90.8
Brass, bronze, and copper products.....	6,627	6,480	6,665	6,647	6,868	7,028	6,911	6,717	6,363	<i>6,282</i>	6,460	6,576	6,527	89.4
Bread and other bakery products.....	27,002	<i>26,264</i>	25,902	26,577	26,627	26,744	27,424	26,980	27,007	27,385	27,853	28,459	28,184	88.8
Brick, tile, pottery, and other clay products.....	7,494	3,835	<i>3,619</i>	3,887	6,164	10,519	11,843	11,697	11,386	9,857	7,273	5,359	4,489	30.6
Buttons.....	5,223	5,646	5,765	5,819	5,546	5,163	4,814	<i>4,539</i>	4,792	5,218	5,199	5,139	5,033	78.0
Canning and preserving.....	8,757	2,748	<i>2,541</i>	2,678	2,806	3,088	6,066	13,793	14,458	15,547	18,768	14,863	7,728	13.5
Carpets and rugs, other than rag.....	12,540	13,346	13,467	13,374	13,409	13,392	12,844	10,960	<i>10,657</i>	12,348	12,415	11,999	12,269	79.1
Carrriages and wagons and materials.....	3,911	3,976	4,056	4,164	4,320	4,305	4,230	3,948	3,829	3,654	3,589	3,463	<i>3,398</i>	78.7
Cars and general shop construction and repairs by electric-railroad companies.....	4,921	4,799	4,831	4,906	4,954	5,137	4,932	5,128	5,173	5,186	4,945	4,564	<i>4,497</i>	86.7
Cars and general shop construction and repairs by steam-railroad companies.....	20,234	21,073	21,068	20,476	20,184	19,713	<i>19,471</i>	19,511	19,817	20,085	20,305	20,496	20,609	92.4
Chemicals.....	7,780	7,808	7,747	7,804	7,674	7,411	<i>7,399</i>	7,956	8,262	8,232	7,776	7,537	7,754	89.6
Clothing, men's, including shirts.....	81,370	85,206	86,287	85,626	82,194	80,736	80,701	80,618	80,147	80,147	79,303	77,189	78,417	89.5
Clothing, women's.....	108,393	103,847	115,043	121,969	115,282	105,561	98,845	<i>90,119</i>	103,898	118,679	118,942	106,907	101,624	73.9
Confectionery.....	10,768	9,866	10,443	10,652	10,202	9,811	<i>9,772</i>	9,913	10,599	11,609	12,310	11,965	12,074	79.4
Copper, tin, and sheet-iron products.....	16,040	15,643	16,069	16,431	16,648	16,360	16,280	16,000	16,125	16,219	16,232	15,509	<i>14,964</i>	89.9
Cordage and twine and jute and linen goods.....	5,505	5,747	5,685	5,749	5,757	5,761	5,662	5,606	5,320	5,574	5,218	4,998	<i>4,974</i>	86.3
Cotton goods, including cotton small wares.....	9,127	10,479	10,356	9,895	9,382	9,204	8,933	8,687	8,639	<i>8,045</i>	8,536	8,729	8,639	76.8
Cutlery and tools, not elsewhere specified.....	4,857	4,904	4,957	5,003	5,005	4,881	4,803	<i>4,645</i>	4,699	4,858	4,858	4,839	4,832	92.8
Dyeing and finishing textiles, exclusive of that done in textile mills.....	5,514	5,382	5,458	5,724	6,066	5,885	5,871	5,578	5,451	5,492	5,265	5,042	<i>4,954</i>	81.7
Electrical machinery, apparatus, and supplies.....	23,738	26,326	25,859	25,551	24,903	24,217	23,445	23,141	22,720	22,677	22,035	22,058	<i>21,924</i>	83.3
Fancy articles, not elsewhere specified.....	3,576	3,400	3,635	3,721	3,574	3,527	3,409	<i>3,308</i>	3,546	3,808	3,893	3,707	3,384	85.0
Food preparations, not elsewhere specified.....	4,031	<i>3,597</i>	3,707	3,882	3,883	3,900	3,870	3,912	4,026	4,347	4,581	4,508	4,159	72.5
Foundry and machine-shop products.....	66,690	67,662	68,640	68,968	68,980	68,633	68,207	68,071	66,795	64,181	64,102	<i>62,714</i>	63,227	90.9
Fur goods.....	5,904	4,357	<i>4,326</i>	4,722	4,891	4,963	5,512	5,908	6,245	7,207	7,723	7,713	7,281	56.0
Furnishing goods, men's.....	17,495	<i>17,149</i>	17,418	17,839	17,548	17,385	17,217	16,802	16,869	17,523	18,502	17,990	17,698	92.7
Furniture and refrigerators.....	22,153	22,942	23,435	23,143	22,738	22,259	21,687	21,361	21,521	21,937	21,928	21,552	<i>21,333</i>	91.0
Gas and electric fixtures and lamps and reflectors.....	4,501	4,680	4,793	4,843	4,792	4,528	4,398	4,276	4,257	4,435	4,469	4,370	<i>4,171</i>	86.1
Gas, illuminating and heating.....	10,090	9,867	9,718	<i>9,589</i>	10,051	10,655	10,541	10,541	10,378	10,092	10,018	9,736	9,641	89.2
Gloves and mittens, leather.....	6,026	6,643	6,666	6,750	6,643	6,640	6,679	6,537	6,541	5,382	5,069	<i>4,379</i>	4,383	64.9
Hats and caps, other than felt, straw, and wool.....	4,187	4,126	4,168	4,228	4,117	4,141	4,159	4,219	4,279	4,394	4,277	<i>4,042</i>	4,094	92.0
Hats, fur-felt.....	3,563	3,638	3,638	3,581	3,393	<i>3,142</i>	3,253	3,704	3,818	3,907	4,088	3,275	3,314	76.8
Hosiery and knit goods.....	40,095	41,495	42,606	43,107	42,871	42,009	40,851	39,530	<i>35,580</i>	35,982	39,055	39,200	38,584	82.5
Iron and steel, steel works and rolling mills.....	10,788	11,009	11,096	11,716	12,008	10,599	11,335	10,326	<i>9,701</i>	10,677	10,510	10,415	10,064	80.8
Jewelry.....	5,051	5,118	5,258	<i>5,294</i>	5,251	5,264	5,137	4,847	<i>4,785</i>	4,877	4,988	4,858	4,935	90.4
Leather goods, not elsewhere specified.....	7,473	7,107	7,312	7,335	7,365	7,301	7,261	7,417	7,690	8,076	8,271	7,562	<i>6,978</i>	84.4
Leather, tanned, curried, and finished.....	5,360	5,641	5,714	5,640	5,406	5,382	5,342	5,279	5,213	<i>5,056</i>	5,076	5,196	5,375	88.5
Liquors, malt.....	9,826	9,560	9,477	<i>9,535</i>	9,618	9,776	10,014	10,212	10,246	10,030	9,937	9,803	9,714	93.0
Lumber and timber products.....	21,503	21,263	21,004	20,799	21,448	22,872	22,722	22,269	21,852	21,910	21,307	20,741	<i>19,345</i>	86.8
Marble and stone work.....	4,798	4,168	<i>3,918</i>	4,034	4,429	5,283	5,529	5,714	5,548	5,508	4,905	4,400	3,940	68.6
Millinery and lace goods.....	26,124	26,285	29,030	29,985	27,479	23,916	<i>22,432</i>	22,763	25,986	28,613	26,982	25,031	24,986	74.8
Musical instruments, pianos and organs and materials.....	12,602	13,320	13,300	13,452	13,333	12,997	12,465	<i>11,266</i>	11,647	11,937	12,388	12,460	12,659	83.7
Paper and wood pulp.....	13,570	13,675	13,971	13,780	14,104	14,061	13,584	12,992	<i>12,930</i>	13,615	13,394	13,239	13,495	91.7
Patent medicines and compounds and druggists' preparations.....	4,639	4,641	4,616	4,763	4,880	4,966	4,746	4,540	4,565	4,575	4,528	4,480	<i>4,368</i>	88.0
Photographic apparatus and materials.....	5,699	5,792	5,897	5,951	5,982	5,787	5,455	5,450	<i>5,262</i>	5,608	5,779	5,699	5,726	88.0
Printing and publishing.....	7,426	7,698	7,868	7,911	7,862	7,717	7,677	7,611	7,479	6,982	6,904	6,730	<i>6,673</i>	84.4
Rubber goods, not elsewhere specified.....	64,020	65,300	65,635	66,278	65,157	64,382	63,781	<i>62,224</i>	62,283	62,981	62,882	63,523	63,814	93.9
Shipbuilding, including boat building.....	3,633	3,741	3,849	3,918	3,956	3,973	3,918	3,734	3,288	3,578	3,590	3,067	<i>2,984</i>	75.1
Silk goods, including throwsters.....	6,076	6,475	5,706	6,359	6,812	7,078	6,632	5,988	5,689	<i>5,569</i>	5,733	5,546	5,535	75.7
Slaughtering and meat packing.....	11,659	11,570	11,826	11,763	11,846	12,037	11,750	11,786	11,892	11,734	11,012	11,012	<i>10,698</i>	88.9
	6,641	6,868	6,760	6,736	6,631	6,627	6,556	6,625	<i>6,505</i>	6,506	6,554	6,625	6,699	94.7

MANUFACTURES.

Table 10—Continued.

INDUSTRY AND CITY.	Average number employed during year.	WAGE EARNERS: 1914. [Month of maximum employment for each industry is indicated by boldface figures and that of minimum by <i>italic</i> figures.]												Per cent minimum is of maximum.
		Number employed on 15th day of the month or nearest representative day.												
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Soap.....	3,168	3,190	3,139	3,215	3,235	3,274	3,161	<i>2,071</i>	3,110	3,211	3,198	3,170	3,142	90.7
Tobacco manufactures.....	30,489	30,896	30,954	30,746	30,372	30,608	30,666	30,325	30,252	30,699	30,872	30,208	<i>29,870</i>	91.6
Typewriters and supplies.....	4,446	5,806	5,752	5,789	5,792	5,696	5,487	5,217	2,294	<i>2,063</i>	2,871	3,170	3,415	35.5
Woolen, worsted, and felt goods, and wool hats.....	8,552	8,487	8,687	8,673	8,767	8,712	8,747	8,505	8,327	8,767	9,051	8,357	<i>7,544</i>	83.1
All other industries.....	159,220	157,276	158,988	163,570	166,052	165,079	163,754	156,830	154,348	158,700	159,575	154,520	<i>151,949</i>	91.5
Total for cities ¹	904,817	909,895	932,245	946,854	932,129	911,625	897,795	873,413	882,734	908,536	910,872	881,344	<i>870,262</i>	91.9
ALBANY.....	9,371	9,418	9,417	9,561	9,580	9,662	9,633	9,198	<i>8,903</i>	8,942	9,316	9,444	9,378	92.1
AMSTERDAM.....	10,774	12,125	12,304	12,232	11,953	11,784	11,135	8,964	<i>7,685</i>	9,710	10,779	10,194	10,523	91.6
AUBURN.....	5,769	6,849	6,798	6,612	6,229	5,890	5,549	5,395	<i>4,670</i>	5,020	5,032	5,438	5,751	68.2
BATAVIA.....	2,457	2,841	2,805	2,682	2,372	2,187	2,305	1,913	<i>1,759</i>	2,748	2,473	2,727	2,672	61.9
BEACON.....	1,806	1,861	1,902	1,881	1,859	1,917	1,887	<i>1,541</i>	1,638	1,761	1,976	1,759	1,690	78.0
BINGHAMTON.....	7,248	7,489	7,624	7,769	7,730	7,550	7,327	6,998	7,013	6,888	6,963	6,842	<i>6,733</i>	87.3
BUFFALO.....	54,416	55,115	55,740	55,678	56,051	55,697	54,926	54,095	53,600	53,325	53,418	<i>52,591</i>	52,747	93.8
COHOES.....	5,781	5,002	6,234	6,240	6,172	5,659	5,816	5,785	5,526	<i>5,443</i>	5,584	5,884	<i>5,443</i>	87.2
CORNING.....	2,203	2,505	2,492	2,509	2,255	2,071	2,048	2,047	1,950	<i>1,916</i>	2,141	2,209	2,293	76.4
CORTLAND.....	2,459	2,596	2,640	2,580	2,494	2,387	<i>2,311</i>	2,323	2,424	2,454	2,358	2,435	2,506	87.5
DUNKIRK.....	2,989	4,068	3,982	3,760	3,632	3,346	2,919	2,749	<i>1,790</i>	2,567	2,500	2,157	2,389	41.0
ELMIRA.....	4,870	5,004	5,105	4,884	4,778	4,800	4,846	4,749	4,682	4,832	4,873	4,767	<i>4,675</i>	99.0
FULTON.....	3,042	3,034	3,064	3,059	3,096	2,998	3,013	3,304	3,072	3,362	3,309	3,038	<i>2,155</i>	64.1
GENEVA.....	1,692	<i>1,378</i>	1,488	1,526	1,534	1,548	1,761	1,906	1,939	2,032	1,926	1,704	1,562	67.8
GLENS FALLS.....	2,532	2,579	2,655	2,676	2,748	2,729	2,540	2,448	2,439	2,559	2,423	2,350	<i>2,238</i>	81.4
GLOVERSVILLE.....	5,335	5,725	5,888	5,971	5,802	5,856	5,898	5,714	5,687	4,772	4,668	4,056	<i>3,983</i>	66.7
HORNELL.....	2,285	2,413	2,426	2,396	2,321	2,325	2,346	2,121	<i>1,929</i>	1,991	2,415	2,367	<i>2,370</i>	79.5
HUDSON.....	1,423	1,463	1,449	1,481	1,467	1,523	1,514	1,478	<i>1,111</i>	1,214	1,452	1,457	1,467	72.9
ITHACA.....	815	784	774	785	<i>768</i>	802	857	912	869	870	799	787	773	81.2
JAMESTOWN.....	7,794	7,838	7,961	8,183	8,242	8,031	7,754	<i>7,466</i>	7,528	7,603	7,684	7,639	7,609	90.5
JOHNSTOWN.....	2,532	2,751	2,732	2,757	2,771	2,681	2,598	2,611	2,559	2,377	2,298	<i>2,129</i>	2,180	76.8
KINGSTON.....	3,076	3,052	2,941	2,970	3,047	3,269	3,224	3,156	3,198	3,169	3,033	2,972	<i>2,881</i>	88.1
LITTLE FALLS.....	3,823	4,344	4,368	4,263	4,160	3,945	3,678	3,660	3,389	3,325	<i>3,306</i>	3,600	3,838	75.7
LOCKPORT.....	2,381	2,329	2,426	2,416	2,268	2,384	2,519	2,512	2,317	2,548	2,410	2,285	<i>2,158</i>	84.7
MIDDLETOWN.....	1,989	2,104	2,103	2,088	2,056	2,075	1,969	<i>1,755</i>	1,790	1,930	1,982	2,027	<i>1,959</i>	86.7
MOUNT VERNON.....	1,346	<i>1,223</i>	1,247	1,313	1,390	1,436	1,442	1,319	1,322	1,361	1,388	1,373	1,338	84.8
NEW ROCHELLE.....	870	783	793	864	932	1,011	884	892	920	928	999	738	<i>696</i>	68.8
NEW YORK CITY.....	585,279	577,897	596,833	610,645	598,962	582,618	572,800	<i>558,513</i>	577,410	600,995	601,447	578,218	567,010	91.5
BRONX BOROUGH.....	19,387	19,622	19,669	19,885	19,980	19,738	19,693	19,045	18,821	19,341	19,502	18,871	<i>18,677</i>	93.4
BROOKLYN BOROUGH.....	140,881	141,122	142,457	144,594	143,092	143,582	143,265	139,538	139,994	139,880	140,830	137,141	<i>135,897</i>	91.0
MANHATTAN BOROUGH.....	385,902	378,950	396,123	406,849	395,883	378,768	369,874	<i>360,794</i>	379,769	402,903	402,607	383,739	374,565	88.7
QUEENS BOROUGH.....	31,630	31,110	31,407	31,982	32,457	32,842	32,155	31,579	31,190	31,320	31,701	31,115	<i>30,702</i>	93.5
RICHMOND BOROUGH.....	7,479	<i>7,113</i>	7,177	7,335	7,650	7,688	7,813	7,557	7,636	7,551	7,607	7,352	7,269	91.0
NEWBURGH.....	4,318	4,468	4,398	4,418	4,440	4,398	4,380	4,351	4,340	4,287	4,246	4,085	<i>4,065</i>	91.0
NIAGARA FALLS.....	9,390	10,236	10,043	10,350	10,414	9,877	9,735	8,844	8,659	8,715	8,788	8,603	8,416	89.8
NORTH TONAWANDA.....	3,574	3,588	3,613	3,548	3,590	3,639	3,652	3,669	3,584	3,596	3,600	3,431	<i>3,378</i>	92.1
ODGENSBURG.....	898	1,013	1,016	1,023	1,006	977	915	867	819	813	802	751	774	73.4
OLEAN.....	2,633	2,920	2,825	2,570	2,775	2,658	2,719	2,639	2,449	<i>2,364</i>	2,500	2,524	2,553	81.0
ONEONTA.....	1,337	1,384	1,393	1,383	1,398	1,380	1,300	1,264	<i>1,242</i>	1,292	1,304	1,313	1,391	88.8
OSWINGO.....	373	393	387	387	386	388	354	341	366	351	367	373	373	86.1
OSWEGO.....	4,331	4,486	4,448	4,484	4,462	4,368	4,348	4,337	4,464	3,807	4,383	4,269	4,122	84.7
PEESKILL.....	1,781	<i>1,532</i>	1,693	1,811	1,767	1,749	1,863	1,831	1,740	1,804	1,871	1,831	1,880	81.5
PLATTSBURG.....	822	980	1,048	1,035	1,140	1,058	1,056	876	792	483	499	479	418	36.7
PORT CHESTER.....	2,278	2,400	2,270	2,365	2,255	2,300	2,365	2,328	2,258	2,225	2,191	2,190	<i>2,189</i>	91.2
POUGHKEEPSIE.....	4,729	4,700	4,997	5,218	5,332	5,163	4,815	4,501	<i>4,335</i>	4,400	4,412	4,446	4,426	81.5
RENSELAER.....	811	787	808	866	813	818	814	795	783	800	805	830	819	90.2
ROCHESTER.....	44,113	44,551	45,703	45,627	44,204	44,487	45,523	45,171	44,520	43,710	42,660	<i>41,001</i>	42,169	89.7
ROME.....	3,937	3,874	3,983	4,088	4,180	4,211	4,278	4,123	3,920	3,856	3,738	<i>3,493</i>	3,500	81.7
SARATOGA SPRINGS.....	869	971	966	950	942	938	882	836	873	659	902	909	900	89.0
SCHENECTADY.....	17,707	20,435	19,916	19,633	19,096	18,378	17,547	17,138	17,128	16,380	15,865	15,546	<i>15,422</i>	75.5
SYRACUSE.....	17,551	18,505	18,522	18,362	18,508	18,435	18,159	17,762	16,672	16,783	16,434	16,375	<i>16,066</i>	86.9
TROY.....	17,421	17,581	17,906	18,182	18,139	17,935	17,596	16,239	<i>15,707</i>	16,320	17,867	17,767	17,813	86.4
UNICA.....	12,714	13,084	13,318	13,288	13,344	13,208	12,867	12,594	12,252	12,177	12,075	<i>12,003</i>	12,359	89.9
WATERTOWN.....	3,148	3,300	3,272	3,270	3,194	3,213	3,173	3,130	3,057	3,190	3,078	<i>2,923</i>	2,976	88.6
WATERVLIET.....	759	776	763	754	727	719	809	839	791	<i>693</i>	762	742	728	81.2
WHITE PLAINS.....	316	<i>305</i>	315	308	311	315	328	324	322	317	323	316	308	93.0
YONKERS.....	12,650	12,462	12,516	12,843	12,921	12,869	12,830	12,990	12,958	12,813	12,626	<i>11,964</i>	12,088	92.1

¹ Excludes Lackawanna, to avoid disclosure of individual operations.

There was comparatively little fluctuation in the monthly employment of wage earners in all industries combined, but individual industries show a wide range of variation between the maximum and minimum months. Conditions peculiar to each industry affected the employment of labor in various manufacturing enterprises, but no one industry was of sufficient magnitude to determine the month of maximum employment in the state as a whole. The early spring was the season of greatest activity in the manufac-

tures of the state, and the industries which gave employment to the greatest proportion of the 1,094,773 wage earners employed in March, the maximum month, were women's clothing, hosiery and knit goods, and printing and publishing. Of the industries, boot and shoe factories show the most regular employment of wage earners, the minimum number (26,888) employed in September, representing 95 per cent of the maximum number (28,312) employed in February. Tobacco factories and slaughtering and meat packing

establishments also show high degrees of stability, 94.6 per cent and 94.7 per cent respectively.

Canning and preserving shows the widest fluctuation in the employment of wage earners, the minimum number, 2,541, employed in February being only 13.5 per cent of the maximum number, 18,768, employed in October. It also gave employment to a large number of persons in the months of July, August, September, and November and to a relatively small number throughout the winter and spring months. There were only three other industries presented separately, in which the number of wage earners employed in the minimum month was less than 50 per cent of the maximum month.

Of the cities the greatest stability of employment was in Buffalo, where there was a variation of only 6.2 per cent in the employment of wage earners throughout the year. Plattsburg shows the greatest fluctuation, the proportion that the minimum formed

of the maximum being 36.7 per cent, followed closely by Dunkirk with 44 per cent. It is significant, however, that in most of the cities shown separately, the period of greatest activity in 1914 was within the first six months of the year. There were only nine where the maximum month of employment was during the latter part of the year.

Prevailing hours of labor.—In Table 11 the average number of wage earners for 1914 and 1909, for all industries combined and for selected industries throughout the state, have been classified according to the number of hours of labor per week prevailing in the establishments in which they were employed. A similar classification is given, for 1914 only, for all industries combined in each city having more than 10,000 inhabitants except Lakawanna. The number employed in each establishment is classified as a total, even though a few employees worked a smaller or greater number of hours.

Table 11

INDUSTRY AND CITY.	Census year.	AVERAGE NUMBER OF WAGE EARNERS.								
		Total.	In establishments where the prevailing hours of labor per week were—							
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	1914 1909	1,057,857 1,003,981	136,221 102,279	296,578 173,887	357,822 169,492	135,878 290,905	105,769 225,930	16,476 21,397	5,137 10,544	3,976 9,547
Agricultural implements.....	1914 1909	5,392 5,717	..... 20	13	132 132	3,571 3,549	1,675 2,016	.....	1.....	.....
Artificial flowers and feathers and plumes.....	1914 1909	7,715 8,493	1,162 1,914	3,908 4,638	2,524 1,480	70 297	32 144	19.....	.....	.....
Automobiles, including bodies and parts.....	1914 1909	12,122 9,861	128 86	3,937 1,525	6,189 4,068	1,151 2,248	715 1,932	2	2.....	.....
Boots and shoes, including cut stock and findings.....	1914 1909	27,561 21,627	361 77	7,599 1,110	14,605 4,851	4,929 10,057	66 5,441	..... 85	..... 2	1 4
Boxes, fancy and paper.....	1914 1909	14,192 11,538	2,803 354	3,255 2,695	6,906 2,021	1,155 3,959	73 2,342	.....	.....	167
Brass, bronze, and copper products.....	1914 1909	6,627 6,651	743 230	865 487	2,180 2,049	1,365 1,701	1,474 2,184	.....	.....	.....
Bread and other bakery products.....	1914 1909	27,002 21,357	2,915 1,133	983 694	13,955 2,886	875 1,980	7,920 13,345	252 1,054	61 176	41 89
Brick, tile, pottery, and other clay products.....	1914 1909	7,494 8,080	1,752 1,467	603 121	2,475 1,449	809 258	1,855 4,667	..... 49	..... 57	..... 12
Buttons.....	1914 1909	5,223 6,126	194 113	852 583	3,273 370	902 4,453	2 601	..... 6	.....	.....
Canning and preserving.....	1914 1909	8,757 7,075	249 381	261 279	3,669 191	931 735	3,611 5,269	36 156	..... 56	..... 8
Carpets and rugs, other than rag.....	1914 1909	12,540 11,898	.....	127 124	12,082 6,463	90 742	241 4,569	.....	.....	.....
Carriages and wagons and materials.....	1914 1909	3,911 6,116	167 224	1,049 1,410	1,039 1,329	903 1,235	751 1,918	2.....	.....	.....
Cars and general shop construction and repairs by electric-railroad companies.....	1914 1909	4,921 4,480	38 .....	.....	677 84	1,452 1,400	2,100 2,362	644 608	7	3 26
Cars and general shop construction and repairs by steam-railroad companies.....	1914 1909	20,284 16,454	381 374	4,600 1,137	6,404 2,188	2,751 3,946	3,094 2,488	631 5,124	23	2,350 1,197
Chemicals.....	1914 1909	7,780 5,746	200 38	39 190	346 61	3,641 3,599	325 1,324	2,823 37	209 122	197 375
Clothing, men's, including shirts.....	1914 1909	81,370 91,363	9,282 9,044	44,306 13,328	25,329 12,772	2,055 46,713	318 9,002	79 441	..... 54	1 9
Clothing, women's.....	1914 1909	108,393 98,104	4,701 3,898	90,355 48,982	12,956 20,101	331 18,697	50 5,475	..... 829	..... 82	..... 40
Confectionery.....	1914 1909	10,768 8,570	400 152	1,669 855	5,799 914	1,647 3,803	1,247 2,819	6 17	..... 10	.....
Copper, tin, and sheet-iron products.....	1914 1909	16,040 14,689	4,526 2,918	1,175 625	5,239 1,440	4,611 6,530	489 3,176	.....	.....	.....
Cordage and twine and jute and linen goods.....	1914 1909	5,505 5,952	.....	3	5,405 3	81 3,269	16 2,680	.....	.....	.....

MANUFACTURES.

Table 11—Continued.

INDUSTRY AND CITY.	Census year.	AVERAGE NUMBER OF WAGE EARNERS.								
		Total.	In establishments where the prevailing hours of labor per week were—							
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
Cotton goods, including cotton and small wares.....	1914	9,127	14	251	7,118	695	1,049			
	1909	10,663		247	17	1,277	9,122			
Cutlery and tools, not elsewhere specified.....	1914	4,857	188	455	613	2,096	1,505			
	1909	4,478	131	550	378	1,192	2,227			
Dyeing and finishing textiles.....	1914	5,514	246	439	2,914	951	964			
	1909	5,252	65	816	197	2,830	1,324	20		
Electrical machinery, apparatus, and supplies.....	1914	23,738	348	3,828	3,703	15,145	606	18		
	1909	18,972	164	2,769	2,170	13,048	821			
Fancy articles, not elsewhere specified.....	1914	3,576	608	838	1,220	887	23			
	1909	3,430	187	773	338	1,796	336			
Food preparations, not elsewhere specified.....	1914	4,031	541	324	1,840	460	806	8	5	98
	1909	3,023	117	151	328	736	1,356	335		
Foundry and machine-shop products.....	1914	66,690	6,061	14,079	23,630	14,401	8,479	31		0
	1909	64,066	2,001	7,087	23,062	15,091	16,605	160		
Fur goods.....	1914	5,904	700	4,304	758	48	4			
	1909	8,244	518	4,213	2,870	544	95	4		
Furnishing goods, men's.....	1914	17,495	967	3,845	11,558	288	837			
	1909	18,186	866	3,658	2,070	11,307	283		2	
Furniture and refrigerators.....	1914	22,153	2,672	2,333	7,438	5,187	4,519	4		
	1909	20,281	1,999	1,460	1,098	6,441	9,272	11		
Gas and electric fixtures and lamps and reflectors.....	1914	4,501	186	2,215	977	1,091	32			
	1909	6,017	87	1,453	1,702	1,006	804	5		
Gas, illuminating and heating.....	1914	10,090	267	3	7,527	305	868	516	406	110
	1909	6,422	22		2	100	400	888	1,661	3,310
Gloves and mittens, leather.....	1914	6,026	256	1,255	2,895	1,608	11	1		
	1909	6,287	115	241	193	5,490	248			
Hats and caps, other than felt, straw, and wool.....	1914	4,187	248	2,738	771	396	34			
	1909	3,348	55	1,473	682	825	291	22		
Hats, fur-felt.....	1914	3,563	677	650	1,951	284	1			
	1909	5,013	672	1,060	36	3,236	9			
Hosiery and knit goods.....	1914	40,095	209	3,827	30,382	2,145	3,127	405		
	1909	35,950	427	1,312	454	7,945	24,034	878		
Iron and steel, steel works and rolling mills.....	1914	10,788		173	1,796	2,843	5,976			
	1909	10,091		67	423	1,695	4,745		3,161	
Jewelry.....	1914	5,051	522	2,644	1,566	302	10	7		
	1909	5,379	282	2,943	1,376	728	50			
Leather goods, not elsewhere specified.....	1914	7,473	300	1,517	2,756	2,373	482	45		
	1909	7,586	179	788	1,019	4,245	1,324	9	1	21
Leather, tanned, curried, and finished.....	1914	5,360	194	282	1,398	2,464	1,022			
	1909	5,688	18	226	211	2,470	2,763			
Liquors, malt.....	1914	9,826	6,406	633	2,521	61	205			
	1909	8,731	1,528	292	5,176	314	758	663		
Lumber and timber products.....	1914	21,503	4,099	1,448	4,008	4,399	7,012	537		
	1909	27,471	1,878	1,336	3,822	5,949	14,105	381		22
Marble and stone work,.....	1914	4,798	3,588	145	484	191	390			
	1909	6,939	4,377	256	599	684	1,004	19		
Millinery and lace goods.....	1914	26,124	2,176	11,845	11,562	369	159	13		
	1909	21,078	1,471	10,562	4,786	3,970	289			
Musical instruments, pianos and organs and materials.....	1914	12,602	317	1,694	9,123	981	487			
	1909	11,938	364	1,481	6,967	649	2,477			
Paper and wood pulp.....	1914	13,570	1,672		2,671	680	3,380	2,578	2,577	12
	1909	12,073	1,295	1,979	279	502	2,656	2,563	2,500	299
Paper goods, not elsewhere specified.....	1914	4,639	111	2,015	1,149	547	817			
	1909	4,303	332	1,695	608	1,372	296			
Patent medicines and compounds and druggists' preparations.....	1914	5,699	1,979	2,268	708	696	39	5	4	
	1909	4,728	1,533	1,762	491	692	239	3	8	
Photographic apparatus and materials.....	1914	7,426	570	5,978	307	571				
	1909	4,088	59	98	3,753	178				
Printing and publishing.....	1914	64,020	44,314	10,604	7,407	1,522	220	51	2	
	1909	63,120	34,754	15,083	8,512	4,081	670	18	1	1
Rubber goods, not elsewhere specified.....	1914	3,633	27	797	1,808	305	686	10		
	1909	2,066	101	82	88	939	856			
Shipbuilding, including boat building.....	1914	6,076	877	1,009	3,725	173	287	5		
	1909	5,644	2,271	882	2,000	160	331			
Silk goods, including throwsters.....	1914	11,659	123	2,381	7,544	1,594	17			
	1909	12,903	32	1,805	1,042	7,753	2,771			
Slaughtering and meat packing.....	1914	6,641	596	1,383	1,127	597	2,890	44	4	
	1909	6,110	549	326	718	450	3,995	50	22	

Table 11—Continued.

INDUSTRY AND CITY.	Census year.	AVERAGE NUMBER OF WAGE EARNERS.								
		Total.	In establishments where the prevailing hours of labor per week were—							
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
Soap.....	1914	3,168	100	1,265	131	1,389	283			
	1909	2,976	20	315	1,152	753	736			
Tobacco manufactures.....	1914	30,489	8,193	4,547	13,137	3,473	347	792		
	1909	30,019	10,419	5,252	1,132	10,542	2,657	16		1
Typewriters and supplies.....	1914	4,446	494	2,305	1,403	244				
	1909	4,538	123	181	125	3,563	546			
Woolen, worsted, and felt goods, and wool hats.....	1914	8,552	370	229	4,116	933	2,893	11		
	1909	9,460	30	649		4,570	4,211			
All other industries.....	1914	159,220	15,003	34,443	40,896	29,855	29,160	6,901	1,748	1,214
	1909	147,523	10,815	20,261	24,764	41,711	36,450	6,946	2,627	3,949
Total for cities ¹	1914	904,817	128,405	281,966	301,772	113,958	66,521	7,579	2,001	2,615
ALBANY.....	1914	9,371	2,027	2,297	3,022	1,177	841			7
AMSTERDAM.....	1914	10,774	314	124	9,072	681	533	50		
AUBURN.....	1914	5,709	222	27	3,416	1,992	64	48		
BATAVIA.....	1914	2,457	197	3	312	347	1,590	8		
BEACON.....	1914	1,806	30		524	571	679	2		
BINGHAMTON.....	1914	7,248	718	687	3,917	740	1,181	5		
BUFFALO.....	1914	54,416	7,409	4,081	16,760	11,154	12,786	1,092	883	271
COHUES.....	1914	5,781	125	205	4,788	221	423	19		
CORNING.....	1914	2,203	38	247	1,344	137	7	6		150
CORTLAND.....	1914	2,459	25	52	434	1,698	234	16		
DUNKIRK.....	1914	2,989	107	2,037	497	53	270	25		
ELMIRA.....	1914	4,870	1,665	718	1,617	606	225	33	6	
FULTON.....	1914	3,042	144	1	75	279	2,289	151	103	
GENEVA.....	1914	1,692	57	43	285	761	534	12		
GLENS FALLS.....	1914	2,532	393	15	1,597	147	118	39		223
GLOVERSVILLE.....	1914	5,385	249	1,001	1,943	2,022	93	27		
HORNELL.....	1914	2,285	256	3	1,911	58	55	2		
HUDSON.....	1914	1,423	91	29	339	880	59	23	2	
ITHACA.....	1914	815	160	13	149	137	317	24	15	
JAMESTOWN.....	1914	7,794	193	145	7,094	185				
JOHNSTOWN.....	1914	2,532	150	247	1,245	842	48			
KINGSTON.....	1914	3,076	405	906	953	411	401			
LITTLE FALLS.....	1914	3,823	37		2,439	830	493	12	12	
LOCKPORT.....	1914	2,381	115	50	761	196	780	213	266	
MIDDLETOWN.....	1914	1,989	72	88	1,181	271	365	12		
MOUNT VERNON.....	1914	1,346	287	451	332	191	85			
NEW ROCHELLE.....	1914	870	385	114	235	24	112			
NEW YORK CITY.....	1914	535,279	98,379	229,116	172,000	53,736	27,167	4,022	473	396
NEWBURGH.....	1914	4,318	1,505	926	1,020	619	139	100	2	7
NIAGARA FALLS.....	1914	9,390	598	1,065	2,904	3,558	1,195	60	10	
NORTH TONAWANDA.....	1914	3,574	1,052	505	994	311	710		2	
ODGENSBURG.....	1914	898	80	16	566	41	183			12
OLEAN.....	1914	2,633	168	277	702	1,211	275			
ONEONTA.....	1914	1,337	79	967	244	23	18	6		
OSSINING.....	1914	373	90	103	99	30	51			
OSWEGO.....	1914	4,331	140	306	2,127	284	1,383	3		88
PEEKSKILL.....	1914	1,781	109	57	774	303	19	516		3
PLATTSBURG.....	1914	822	50	9	179	331	252	1		
PORT CHESTER.....	1914	2,278	19	1,030	99	537	543			
POUGHKEEPSIE.....	1914	4,729	301	1,037	2,398	854	116		23	
RENSELAER.....	1914	811	52	80	23	349	41			266
ROCHESTER.....	1914	44,113	4,459	24,546	11,458	2,656	920	72	2	
ROME.....	1914	3,937	108	8	1,027	648	2,079	23	44	
SARATOGA SPRINGS.....	1914	869	98	4	562	32	154			19
SCHENECTADY.....	1914	17,707	343	3,682	345	13,249	70	18		
SYRACUSE.....	1914	17,551	2,468	2,124	8,241	2,856	1,750	15		97
TROY.....	1914	17,421	815	942	12,070	1,125	2,363	106		
UTICA.....	1914	12,714	947	1,209	7,173	1,379	1,673	244		89
WATERTOWN.....	1914	3,148	185	33	890	1,527	252	141		120..
WATERVLIET.....	1914	759	80	28	374	164	113			
WHITE PLAINS.....	1914	316	86	35	52		143			
YONKERS.....	1914	12,650	323	277	10,279	277	23	432	172	867

¹ Excludes Lackawanna, to avoid disclosure of individual operations.

The figures in this table emphasize the tendency toward a shortening of the working day in the manufactures of the state. In 1909, 455,658, or 44.4 per cent of the total average number of wage earners employed in all industries, worked 54 hours or less per week, while in 1914, 790,621, or 74.7 per cent, were employed such hours. The movement toward the shortening of the hours of labor per week is further shown by the decrease in the number of wage earners working in factories where 60 hours or more prevailed, the pro-

portion of the total dropping from 26.6 per cent in 1909 to 12.4 per cent in 1914. The greatest number of wage earners worked 54 hours per week in 1914, whereas the greatest number in 1909 were employed from 54 to 60 hours.

The most pronounced decrease in hours of labor was in the clothing industry. In 1909, 34.5 per cent of the wage earners in this industry were employed in establishments operating between 54 and 60 hours per week, but in 1914 the proportion thus employed was 1.3 per

cent. In 1909, 24.5 per cent of the total number of wage earners employed in the manufacture of men's clothing and 53.9 per cent of those employed in the manufacture of women's clothing worked less than 54 hours per week, whereas, in 1914, the number employed such hours increased to 65.9 per cent and 87.7 per cent, respectively.

In the bakeries of New York, 68.7 per cent of the wage earners reported for 1909 were employed 60 hours or over per week, as compared with only 30.6 per cent in 1914. In foundry and machine-shops and in printing and publishing establishments, there was also a marked decrease during the five-year period in the number of wage earners employed in establishments where the longer hours prevailed. Printing and publishing shows the shortest hours of employment, 55.1 per cent of the total number of wage earners working 48 hours or less in 1909 and 69.2 per cent in 1914.

Of the 1,057,857 wage earners employed in the manufactures of the state in 1914, 904,817,¹ or 85.5 per cent, were reported for cities having a population of 10,000 and over. The preponderance of manufacturing in the cities, therefore, has a very important bearing on the average length of the working day in the state. Of the total number of wage earners reported by establishments operating less than 54 hours per week,

¹ Exclusive of Lackawanna.

the cities contributed 410,371, or 94.8 per cent; 54 hours per week, 301,772, or 84.3 per cent; between 54 and 60 hours, 113,958, or 83.9 per cent; 60 hours, 66,521, or 62.9 per cent; and over 60 hours, 12,195, or 47.1 per cent. Hence, as a rule, shorter hours of employment prevailed in establishments located in cities than in the outside districts.

Of the cities having a population of over 50,000, the percentage of wage earners in establishments operating 54 hours or less per week was as follows: New York City, 85.3 per cent; Buffalo, 51.9 per cent; Rochester, 91.7 per cent; Syracuse, 73.1 per cent; Albany, 78.4 per cent; Yonkers, 86.2 per cent; Troy, 79.4 per cent; Utica, 73.4 per cent; Schenectady, 24.7 per cent; and Binghamton, 73.4 per cent. The greatest proportion of wage earners employed in establishments where 48 hours and under prevailed was in Albany, with 21.6 per cent.

Location of establishments.—Table 12 shows, for 1914, 1909, and 1899, the extent to which the manufactures of New York were centralized in 52 cities having more than 10,000 inhabitants each in 1914. Statistics for Lackawanna, whose manufactures are carried on by practically one establishment, are included with those of the section of the state outside such cities and villages in order to avoid the disclosure of individual operations.

Table 12	Census Year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								DISTRICTS 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.....	1914		52		30		17		5				
	1910		50		29		16		5				
	1900		39		27		8		4				
Population ²	1914	9,899,761	7,523,465	76.0	453,687	4.6	784,736	7.9	6,285,042	63.5	2,376,296	24.0	
	1910	9,113,614	6,756,593	74.1	425,022	4.7	685,322	7.5	5,646,249	62.0	2,357,021	25.9	
	1900	7,268,894	4,917,781	67.7	446,342	6.1	410,868	5.7	4,060,571	55.9	2,351,113	32.3	
Number of establishments.....	1914	48,203	39,066	81.0	1,956	4.1	2,802	5.8	34,308	71.2	9,137	19.0	
	1909	44,935	34,429	76.6	1,913	4.3	2,494	5.6	30,022	66.8	10,506	23.4	
	1899	35,957	26,467	73.6	2,073	5.8	1,822	5.1	22,572	62.8	9,490	26.4	
Average number of wage earners.	1914	1,057,857	904,817	85.5	64,482	6.1	129,605	12.3	710,730	67.2	153,040	14.5	
	1909	1,003,981	856,627	85.3	67,169	6.7	117,006	11.7	672,452	67.0	147,354	14.7	
	1899	726,909	605,358	83.3	72,177	9.9	70,462	9.7	462,719	63.7	121,551	16.7	
Value of products.....	1914	\$3,814,661,114	\$3,319,199,163	87.0	\$186,360,362	4.9	\$374,418,620	9.8	\$2,758,420,181	72.3	\$495,461,951	13.0	
	1909	3,369,490,192	2,922,465,687	86.7	178,099,037	5.3	313,200,836	9.3	2,431,165,814	72.2	447,024,505	13.3	
	1899	1,871,830,872	1,613,789,902	86.2	124,970,992	6.7	124,106,211	6.6	1,364,712,699	72.9	258,040,970	13.8	
Value added by manufacture..	1914	1,706,053,753	1,516,875,170	88.9	75,742,725	4.4	163,543,725	9.6	1,277,588,720	74.9	189,178,593	11.1	
	1909	1,512,585,850	1,337,039,122	88.4	74,588,376	4.9	141,577,365	9.4	1,120,873,381	74.1	175,546,728	11.6	
	1899	853,453,686	743,566,680	87.1	56,794,694	6.7	63,000,645	7.4	623,771,341	73.1	109,887,006	12.9	

¹ Includes Lackawanna, to avoid disclosure of individual operations.

² Census estimate of population for 1914.

Table 12 shows that the increase in the manufactures of the state was general and extended to both the urban and rural districts. During the 15 years covered by the table, the value of products for the urban districts represented by the cities of 10,000 inhabitants or over increased 105.7 per cent, while that reported for rural districts increased 92 per cent. The relative importance of manufactures in cities, as measured by the average number of wage earners, value of products, and value added by manufacture, has increased slightly,

while the proportion in rural districts, as measured by these items, has decreased.

The 52 cities which contained 76 per cent of the estimated population of the state in 1914 reported 87 per cent of the total value of products and 85.5 per cent of the total average number of wage earners. The corresponding proportions in 1909 were slightly less.

Comparisons for cities, or for the districts outside, are affected by the increase in the population of cities. Changes in population during the interval between

censuses make it impossible to show the same cities in the same group at each date given in the table. Eleven places, White Plains, Olean, Port Chester, North Tonawanda, Batavia, Cortland, Ossining, Hudson, Plattsburg, Rensselaer, and Fulton, which had more than 10,000 inhabitants each in 1910 had less than that number in 1900, so that statistics for these cities are included with those for rural manufactures in 1900 but with urban manufactures in 1910. In 1900 Jamestown, Amsterdam, Mount Vernon, Niagara Falls, New Rochelle, Poughkeepsie, Newburgh, Watertown, and Kingston were cities of 10,000 to 25,000, but during the following decade the population of these cities increased so that in 1910 all were cities of 25,000 to 100,000 inhabitants. Albany was a city of the second group in 1900, but by 1910 advanced to the group, 100,000 and over.

During the period from 1910 to 1914 the population of Beacon and Oneonta increased sufficiently to bring them within the group of cities having a population of over 10,000; while Cohoes advanced to the group of cities having a population of 25,000 to 100,000 in 1914. With these exceptions, the grouping in 1914 was the same as in 1910. The relative importance in manufactures of each of the 52 cities having more than 10,000 inhabitants (except those for which comparative statistics are not available), as measured by average number of wage earners and by value of products in 1914, 1909, and 1904, is shown in Table 13. Lackawanna is not included in this table for reasons already stated.

For the decade 1904 to 1914 every city or village shown in the following table, except Dunkirk, Hudson, and Watervliet, increased in value of products, and all but 10 show an increase in the number of wage earners. In a majority of cities, however, the relative gain was less during the latter half of the decade than during the preceding five years. Utica, Gloversville, Cohoes, Ogdensburg, and Plattsburg show decreases in the number of wage earners and in value of products from 1909 to 1914. The greatest decrease in value of products during this period, \$1,811,459, or 13.4 per cent, in Cohoes, was the result of a decline in the output of hosiery and knit goods, the leading industry of that city. The greatest proportional decrease was in Plattsburg, 40 per cent, but the actual decrease was only \$1,253,656, due to a decline in the production of automobiles. Ogdensburg also shows a large relative and actual decrease, \$1,546,931, or 31.3 per cent. The other four cities showing losses in value of products are comparatively small industrial centers and the manufactures are quite diversified.

The largest relative increase for the last five-year period, 56.4 per cent, was in Niagara Falls, and was due largely to the increase in the production of chemicals and to the establishment in this city of a large factory manufacturing aluminum ware. The next largest relative gain, 56.2 per cent, was in Elmira, and

was due in part to the establishment of factories for the manufacture of automobiles and automobile bodies and parts within the city since 1909. Poughkeepsie also shows an increase of 41.5 per cent, due to the increased production of agricultural implements and men's clothing, and also to a number of new industries.

Table 13

CITY. ¹	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1914	1909	1904	1914	1909	1904
New York City ²	585,279	553,923	464,716	\$2,202,831,693	\$2,027,425,288	\$1,526,523,006
Boroughs:						
Manhattan ²	385,002	384,858	339,221	1,519,143,429	1,384,794,615	1,043,251,923
Bronx ²	19,357	14,540	(³)	58,708,792	42,900,554	(³)
Brooklyn ²	140,881	123,895	104,995	515,302,755	418,541,272	373,462,930
Queens ²	31,630	24,194	14,905	164,789,481	151,487,959	92,941,158
Richmond ²	7,479	6,436	5,595	34,887,236	29,700,838	16,466,995
Buffalo.....	54,416	51,412	43,587	247,516,476	218,803,994	147,377,873
Rochester.....	44,113	39,108	31,779	140,696,682	112,676,215	81,109,435
Yonkers.....	12,650	12,711	9,779	67,222,673	59,333,865	33,548,688
Syracuse.....	17,551	18,148	14,554	52,163,940	49,434,615	34,687,109
Schenectady.....	17,707	14,931	14,316	48,762,807	38,164,699	33,084,451
Niagara Falls.....	9,390	6,089	4,574	44,816,608	28,651,913	16,915,786
Troy ²	17,421	20,102	19,114	39,929,850	39,292,788	31,860,829
Utica.....	12,714	13,153	10,882	30,490,235	31,199,261	22,880,317
Albany.....	9,371	9,861	8,076	25,211,300	22,825,702	20,208,715
Amsterdam.....	10,774	10,284	7,993	22,474,691	22,449,057	15,007,276
Binghamton.....	7,248	6,823	5,636	18,359,516	17,114,214	13,907,403
Jamestown.....	7,794	6,789	5,237	17,961,429	14,720,240	10,349,752
Rome.....	3,937	3,633	3,209	16,730,078	14,423,487	8,631,427
Auburn.....	5,769	6,497	6,660	16,686,249	15,961,022	13,420,863
Gloversville.....	5,335	5,741	5,048	13,384,213	14,170,682	9,340,763
Poughkeepsie ²	4,729	3,268	3,775	12,791,325	9,037,430	7,206,914
Oswego.....	4,331	3,817	3,746	12,650,095	10,412,888	7,582,126
Elmira.....	4,870	3,647	3,208	12,597,024	8,067,208	6,307,795
Cohoes ²	5,781	8,127	6,910	11,706,461	13,517,920	10,289,822
Olean.....	2,633	2,259	1,175	11,577,282	10,005,443	4,677,477
North Tonawanda.....	3,574	2,824	2,025	10,040,356	9,599,776	6,499,317
Newburgh ²	4,318	4,198	4,013	9,986,564	9,680,846	7,035,527
Little Falls.....	3,823	4,211	2,621	9,927,246	8,400,408	4,471,080
Fulton.....	3,042	2,799	.....	9,571,962	7,867,114	.....
Watertown ²	3,148	3,291	3,020	9,284,272	8,527,416	7,250,744
Lockport.....	2,381	2,138	2,323	8,954,931	8,168,450	5,807,980
Dunkirk.....	2,989	2,756	3,395	8,366,767	6,575,664	9,909,260
Peekskill ²	1,781	2,063	1,957	8,301,092	7,940,355	7,251,897
Johnstown.....	2,532	2,559	2,426	6,788,636	6,573,523	4,543,272
Port Chester.....	2,278	2,122	.....	6,741,228	6,243,058	.....
Glens Falls.....	2,532	2,774	2,052	6,535,019	4,876,786	2,824,876
Kingston.....	3,076	3,281	2,636	6,445,455	5,985,738	4,811,850
Cortland.....	2,459	2,356	2,282	6,437,659	6,394,624	4,574,191
Batavia.....	2,457	2,007	1,603	5,359,782	4,400,774	3,589,406
Geneva.....	1,692	1,526	1,580	5,240,962	5,153,925	4,951,964
Hornell.....	2,285	2,183	2,200	4,847,594	3,647,630	3,162,677
Middletown.....	1,939	1,733	1,596	4,452,792	4,658,240	3,356,330
Corning.....	2,203	2,074	2,855	3,954,226	3,650,410	3,053,515
Hudson.....	1,423	1,302	1,524	3,736,941	3,506,504	4,115,525
Beacon.....	1,806	.....	.....	3,519,574	.....	.....
Ogdensburg.....	898	1,258	929	3,401,045	4,947,976	3,057,271
Mount Vernon.....	1,346	1,207	670	3,167,173	3,376,415	1,877,508
Saratoga Springs.....	899	833	590	2,893,451	2,356,579	1,709,073
Rensselaer.....	811	763	.....	2,755,418	2,296,089	.....
Oneonta.....	1,337	.....	.....	2,372,506	.....	.....
Ithaca.....	815	873	873	2,243,892	1,919,968	2,080,002
Plattsburg.....	822	1,049	750	1,833,867	3,137,523	1,056,702
New Rochelle.....	870	735	617	1,736,198	1,668,724	1,102,817
Watervliet.....	759	753	1,111	1,611,501	1,668,579	1,738,302
Ossining.....	373	356	.....	1,120,081	1,328,925	.....
White Plains.....	316	249	.....	990,166	815,789	.....

¹ Excludes Lackawanna, to avoid disclosure of individual operations.
² Figures shown do not agree with those published for 1909, because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.
³ Included in Manhattan Borough.

The largest actual gain was in New York City, followed in order by Buffalo and Rochester. New York City is not only the commercial center of the state, but is the industrial metropolis of the United States, holding first place in the value of all manufactured products, as well as in many individual industries. In 1914 the population of New York City exceeded that of all states except Pennsylvania and Illinois, but the value of its manufactured products exceeded that of any state except Pennsylvania. This predominance

in manufactures is closely connected with the abundant supply of labor, its large immigrant population being an influential factor in causing manufacturing enterprises to locate there. New York City is the chief center of trade between the United States and Europe and also one of the principal distributing points for domestic trade. Its commercial importance has contributed largely to the high rank of the city in manufacturing industries and to making it the financial center of the United States.

Measured by the increase in value of manufactured products, the industrial development of New York City was not as great from 1909 to 1914 as from 1904 to 1909, the increase for the more recent five-year period being 13.1 per cent, as compared with 32.8 per cent for the preceding five years. During the period 1909 to 1914 the average number of wage earners employed in the manufacturing industries of the city increased 5.7 per cent, while from 1904 to 1909 the gain was 19.2 per cent.

Of the 48,203 manufacturing establishments reported for the state in 1914, 29,621, or 61.5 per cent, were located in this city. The proportion for 1909 was 57.7 per cent and for 1904, 56 per cent. More than one-half of the wage earners employed in the manufactures of the state and three-fifths of the value of products were reported by New York City in 1914 and 1909. The value of the city's manufactures represented 9.5 per cent of the total value of products manufactured in the United States in 1914, 9.8 per cent in 1909, and 10.3 per cent in 1904. Of the 317 industry classifications employed in compiling the 1914 statistics for the manufactures of the state, 288 were represented in this city, 174 of which covered industries with products valued at more than \$1,000,000 each.

There were 25 industries in New York City in 1914 for which a value of products in excess of \$20,000,000 was reported. For three of these—the refining of sugar, the smelting and refining of copper, and the refining of petroleum—statistics can not be shown separately without disclosing the operations of individual establishments. The other 22 industries arranged in the order of the value of products are presented in the following table, which shows the absolute and relative increase in this respect between 1909 and 1914 and also the percentage which the value of products for each industry represents of the corresponding total of the state.

For six of the industries included in this table, more than 90 per cent of the total value of the state's production was manufactured in New York City. In six other industries the establishments located in New York City contributed more than three-fourths of the value of products for the state. In only four industries included in the table—foundry and machine shops, boots and shoes, furniture and refrigerators,

and the lumber industries—was less than one-half of the total value of products for the industry in the state reported for New York City. The four leading industries, each of which had a value of products in 1914 of over \$100,000,000, gave employment to 214,406 wage earners. These four reported 37.4 per cent of the product and 36.6 per cent of the number of wage earners for all manufacturing industries in the city. The value of women's clothing manufactured in New York City represents 98.4 per cent of the total for the industry in the state and 71.7 per cent of the total for the United States. The output of printing and publishing establishments amounted to 83.8 per cent of the total for the industry in the state and 23.9 per cent of the total for the United States. Men's clothing manufactured in New York City was valued at \$192,112,240, or 80.5 per cent of the total production in the state and 34.7 per cent in the United States. The value of products for the slaughtering and meat-packing industry was \$110,706,686, or 74.7 per cent of the total for the industry in the state and 6.7 per cent of the total for the United States.

Table 14

INDUSTRY.	VALUE OF PRODUCTS: 1914.			
	Amount.	Per cent of total for state.	Increase ¹ , 1909-1914.	
			Amount.	Per cent.
Clothing, women's.....	\$339,842,534	98.4	\$73,365,153	27.5
Printing and publishing.....	215,570,953	83.8	32,061,795	17.5
Clothing, men's, including shirts.....	192,112,240	80.5	-26,203,929	-12.0
Slaughtering and meat packing.....	110,706,686	74.7	14,844,264	15.5
Bread and other bakery products.....	80,056,218	73.3	18,151,734	29.3
Foundry and machine-shop products.....	77,898,295	44.9	14,045,704	22.0
Tobacco manufactures.....	75,406,362	85.6	12,917,911	20.7
Millinery and lace goods.....	70,800,274	97.9	19,561,487	38.2
Liquors, malt.....	56,311,597	65.7	2,342,986	5.3
Gas, illuminating and heating.....	42,299,984	80.1	8,183,426	24.0
Patent medicines and compounds and druggists' preparations.....	30,156,169	72.2	5,171,893	20.7
Coffee and spice, roasting and grinding.....	29,860,995	94.3	14,041,603	88.8
Paint and varnish.....	29,276,898	91.8	2,612,724	9.8
Fur goods.....	29,070,984	95.9	-10,803,402	-27.1
Confectionery.....	28,554,524	83.8	8,492,343	42.3
Copper, tin, and sheet-iron products.....	27,621,208	61.6	4,318,234	18.6
Boots and shoes, including cut stock and findings.....	26,161,767	36.6	7,785,338	42.4
Furnishing goods, men's.....	25,861,559	57.0	365,714	1.4
Musical instruments, pianos and organs and materials.....	25,130,161	76.0	870,559	3.6
Furniture and refrigerators.....	22,994,450	46.1	3,555,634	18.3
Lumber and timber products.....	20,568,367	34.4	-3,553,593	-14.7
Jewelry.....	20,467,868	93.8	1,231,500	6.4

¹ A minus sign (-) denotes decrease.

Of the five boroughs which comprise Greater New York, Manhattan is the most important industrially. The value of products reported for the establishments within its limits in 1914 constituted 66.3 per cent of the total for the entire city, compared with 68.3 per cent in 1909. The proportion of the total contributed by the other counties in 1914 was as follows: Kings, 22.5 per cent; Queens, 7.2 per cent; Bronx, 2.6 per cent; and Richmond, 1.5 per cent. The corresponding percentages for 1909 were 20.6, 7.5, 2.1, and 1.5, respectively.

The principal industries in each of the five boroughs comprising Greater New York, arranged in the order

of the value of products, are shown in the following table, which gives the actual and relative increase from 1909 to 1914, and also the percentage which the value of products for each industry represents of the corresponding total for the city.

The totals presented for New York City do not include the statistics for three establishments operated by the Federal Government, namely, the United States navy yard, with 4,012 wage earners and products valued at \$7,658,189 in 1914; the United States Naval Clothing Factory, with 95 wage earners and a value of products of \$680,834, located in Brooklyn; and the United States Lighthouse Establishment, with 149 wage earners and products, such as illuminating and signaling apparatus and machinery, valued at \$435,590, located at Tompkinsville, in Richmond County.

BOROUGH AND INDUSTRY.	VALUE OF PRODUCTS: 1914.			
	Amount.	Per cent of total for city.	Increase ¹ , 1909-1914.	
			Amount.	Per cent.
MANHATTAN.				
Clothing, women's.....	\$326,881,076	96.2	\$70,712,124	27.6
Printing and publishing.....	198,782,485	92.2	31,272,603	13.7
Clothing, men's, including shirts.....	170,075,362	88.5	-27,750,516	-14.0
Slaughtering and meat packing.....	92,346,891	83.4	13,495,276	17.1
Millinery and lace goods.....	63,423,719	82.3	17,538,618	38.2
Tobacco manufactures.....	62,092,310	82.3	7,685,365	14.1
Bread and other bakery products.....	48,021,491	80.7	9,882,745	25.5
Liquors, malt.....	34,064,983	61.6	4,490,179	14.9
Foundry and machine-shop products.....	28,270,487	36.3	4,936,059	21.2
Furnishing goods, men's.....	23,566,066	91.1	-1,073,961	-4.4
Fur goods.....	(²)	(²)	(²)	(²)
Confectionery.....	(²)	(²)	(²)	(²)
BROOKLYN.				
Foundry and machine-shop products.....	35,235,795	45.2	7,098,568	25.2
Bread and other bakery products.....	19,510,894	24.4	2,605,452	15.4
Paint and varnish.....	18,496,149	63.2	2,759,137	17.5
Clothing, men's, including shirts.....	18,173,956	9.5	-1,575,495	-8.0
Boots and shoes, including cut stock and findings.....	18,134,773	69.3	5,375,546	42.1
Slaughtering and meat packing.....	17,225,000	15.6	650,270	3.9
Liquors, malt.....	15,680,273	27.3	1,020,017	7.0
Printing and publishing.....	14,747,370	6.8	119,533	0.8
Hosiery and knit goods.....	12,738,899	67.0	3,388,451	36.2
Clothing, women's.....	12,124,280	3.6	3,616,109	42.5
Tobacco, cigars and cigarettes.....	10,934,012	14.6	4,395,082	67.2
Chemicals.....	10,003,731	86.2	-222,771	-2.1
Copper, tin, and sheet-iron products.....	10,586,064	38.3	3,092,833	41.3
Sugar, refining.....	(²)	(²)	(²)	(²)
Petroleum, refining.....	(²)	(²)	(²)	(²)
Coffee and spice, roasting and grinding.....	(²)	(²)	(²)	(²)
Gas, illuminating and heating.....	(²)	(²)	(²)	(²)
QUEENS.				
Foundry and machine-shop products.....	6,876,901	8.8	1,257,906	22.4
Silk goods, including throwsters.....	5,793,100	38.6	1,537,022	37.7
Smelting and refining, copper.....	(²)	(²)	(²)	(²)
Sugar, refining.....	(²)	(²)	(²)	(²)
Gas, illuminating and heating.....	(²)	(²)	(²)	(²)
Petroleum, refining.....	(²)	(²)	(²)	(²)
BRONX.				
Musical instruments, pianos and organs and materials.....	7,635,489	30.4	31,216	0.4
Bread and other bakery products.....	6,976,816	8.7	3,837,326	122.2
Foundry and machine-shop products.....	4,491,067	5.8	406,922	10.0
Millinery and lace goods.....	3,738,038	5.3	1,707,148	84.1
Clothing, men's, including shirts.....	3,710,876	1.9	3,043,326	455.9
Marble and stone work.....	3,492,524	36.9	1,185,841	51.4
Liquors, malt.....	3,028,158	5.4	-1,208,857	-28.5
RICHMOND.				
Paint and varnish.....	3,914,016	13.4	-221,558	-5.4
Foundry and machine-shop products.....	3,024,045	3.9	340,249	12.9
Soap.....	(²)	(²)	(²)	(²)
Dental goods.....	(²)	(²)	(²)	(²)
Oil, linseed.....	(²)	(²)	(²)	(²)
Wall plaster.....	(²)	(²)	(²)	(²)
Smelting and refining, not from the ore.....	(²)	(²)	(²)	(²)
Shipbuilding, including boat building.....	(²)	(²)	(²)	(²)
Oilcloth and linoleum.....	(²)	(²)	(²)	(²)
Liquors, malt.....	(²)	(²)	(²)	(²)

¹ A minus sign (-) denotes decrease.
² Figures can not be shown separately without disclosing individual operations.

Table 16 shows for the remaining cities having a population of 50,000 or over in 1914 data similar to that shown in the two preceding tables.

CITY AND INDUSTRY.	VALUE OF PRODUCTS: 1914.			
	Amount.	Per cent of total for state.	Increase ¹ , 1909-1914.	
			Amount.	Per cent.
ALBANY.				
Printing and publishing.....	\$3,388,801	1.3	\$140,159	4.3
Liquors, malt.....	3,181,016	3.7	124,572	4.1
Foundry and machine-shop products.....	1,550,678	0.9	196,955	14.5
Bread and other bakery products.....	1,439,197	1.3	229,328	19.0
Cars and general shop construction and repairs by steam-railroad companies.....	(²)	(²)	(²)	(²)
Chemicals.....	(²)	(²)	(²)	(²)
BINGHAMTON.				
Tobacco manufactures.....	3,043,717	3.5	-811,317	-21.0
Boots and shoes.....	(²)	(²)	(²)	(²)
Flour-mill and gristmill products.....	(²)	(²)	(²)	(²)
Photographic materials.....	(²)	(²)	(²)	(²)
BUFFALO.				
Slaughtering and meat packing.....	29,699,660	20.1	4,283,606	16.9
Flour-mill and gristmill products.....	28,068,796	36.3	8,127,204	40.8
Foundry and machine-shop products.....	23,733,671	13.7	2,959,197	14.2
Automobiles, including bodies and parts.....	11,469,941	27.2	1,872,178	19.5
Printing and publishing.....	9,021,486	3.5	1,342,738	17.5
Soap.....	8,334,862	32.1	131,962	2.1
Malt.....	8,074,154	65.2	979,408	13.8
Liquors, malt.....	7,962,285	9.3	1,465,736	22.6
Oil, linseed.....	(²)	(²)	(²)	(²)
Iron and steel, blast furnaces.....	(²)	(²)	(²)	(²)
ROCHESTER.				
Clothing, men's, including shirts.....	19,772,793	8.3	894,285	4.7
Boots and shoes, including cut stock and findings.....	14,953,471	20.9	1,503,316	11.2
Foundry and machine-shop products.....	8,007,460	4.6	2,263,496	39.4
Printing and publishing.....	6,686,170	2.6	1,558,260	30.4
Photographic apparatus and materials.....	(²)	(²)	(²)	(²)
SCHENECTADY.				
Printing and publishing.....	826,911	0.3	276,505	50.2
Bread and other bakery products.....	590,255	0.5	186,851	46.3
Electrical machinery, apparatus, and supplies.....	(²)	(²)	(²)	(²)
Locomotives, not made by railroad companies.....	(²)	(²)	(²)	(²)
SYRACUSE.				
Foundry and machine-shop products.....	4,501,504	2.6	-1,190,022	-20.9
Liquors, malt.....	3,533,255	4.1	1,073,552	43.6
Typewriters and supplies.....	3,593,129	29.3	-152,266	-4.1
Automobiles, including bodies and parts.....	(²)	(²)	(²)	(²)
TROY.				
Furnishing goods, men's.....	16,702,773	36.8	3,064,028	22.5
Shirts.....	4,998,588	12.1	-1,977,653	-28.3
Liquors, malt.....	2,764,434	3.2	358,587	14.9
Foundry and machine-shop products.....	1,813,687	1.0	-139,284	-7.1
Bread and other bakery products.....	1,143,743	1.0	419,410	57.9
Iron and steel, blast works and rolling mills.....	(²)	(²)	(²)	(²)
Waste.....	(²)	(²)	(²)	(²)
Hosiery and knit goods.....	(²)	(²)	(²)	(²)
UTICA.				
Hosiery and knit goods.....	9,475,541	12.1	1,421,697	17.7
Clothing, men's.....	2,655,802	1.3	-422,791	-13.7
Liquors, malt.....	1,934,642	2.3	541,586	38.9
Cotton goods, including cotton small wares.....	(²)	(²)	(²)	(²)
YONKERS.				
Foundry and machine-shop products.....	3,648,406	2.1	811,884	28.6
Sugar, refining.....	(²)	(²)	(²)	(²)
Carpets and rugs, other than rag.....	(²)	(²)	(²)	(²)
Hats, fur-felt.....	(²)	(²)	(²)	(²)
Rubber goods, not elsewhere specified.....	(²)	(²)	(²)	(²)
Electrical machinery, apparatus, and supplies.....	(²)	(²)	(²)	(²)

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

Buffalo, the second city of importance in the state, shows an increase from 1909 to 1914 of \$28,712,482,

or 13.1 per cent, in value of products. In value of manufactures Buffalo ranked eighth among the cities of the United States in 1914, ninth in 1909, and eleventh in 1904. Each of the leading industries of the city shows an increase for the last five years, the greatest gain in value of products, 40.8 per cent, being that for flour-mills and gristmills. Nearly two-thirds of the malt products, over one-third of the flour-mill and gristmill products, and nearly one-third of the soap reported for the state of New York in 1914 was produced in Buffalo.

Rochester, the third industrial city of the state, shows an increase in 1914 over 1909 of \$28,020,467, or 24.9 per cent, in value of products, and 5,005, or 12.8 per cent, in the average number of wage earners. Measured by value of products, it ranked nineteenth in 1914 among the manufacturing cities in the United States. The manufactures of the city are widely diversified, the combined total of the four leading industries shown separately in Table 16 amounting to only 35.1 per cent of the total value of products for all manufacturing industries in the city. Rochester is the center of the manufacture of photographic apparatus and materials in the state and outranks all other cities of New York in the production of optical goods. In the manufacture of boots and shoes and buttons it ranks next to New York City.

In Yonkers the manufacturing activities are largely centralized in three industries, namely, sugar refining, carpets and rugs, and foundry and machine-shop products. For the first two of these industries, however, statistics can not be given without disclosing the operations of individual establishments.

The manufactures of Syracuse increased only 5.5 per cent in value in 1914 over 1909. The city has a number of important industries, 13 of which had a value of products exceeding \$1,000,000 at the census of 1914. Syracuse leads all cities of the state in the manufacture of typewriters and supplies and is fourth in the production of malt liquors.

Schenectady owes its importance largely to the manufacture of electrical machinery, apparatus, and supplies and steam-railway locomotives. Two establishments were reported for the former industry and one for the latter, but the statistics for neither industry can be shown separately. These two industries contributed the bulk of the manufactures for the city, and the combined value of their products increased 29 per cent from 1909 to 1914.

The manufactures of Troy were valued at about the same in 1914 as in 1909, but there was a reduction of 2,681 in the number of wage earners employed. Troy is second in the state in the production of men's furnishing goods, contributing 36.8 per cent of the total value of such products manufactured in the state in 1914. The importance of this industry is due to collars and cuffs, in which Troy is the recognized center of the country. The 15 establishments engaged

in this branch of manufacture in 1914 reported products valued at \$16,702,773, which represented 94.3 per cent of the total value of collars and cuffs made in the state and 90.1 per cent of the total in the United States.

Utica is one of the leading cities of the state in the manufacture of textiles. In 1914 there were 16 knitting mills, 3 cotton mills, and 1 cordage and twine mill in operation, which together gave employment to 7,202 wage earners and reported products valued at \$14,587,353, representing 56.6 per cent and 47.8 per cent of the respective totals for the city. Other industries of importance, as measured by value of products, were men's clothing and malt liquors.

Albany, the tenth city in the state in value of manufactures, shows an increase over 1909 of \$2,385,688, or 10.5 per cent, in value of products and a decrease of 490, or 5 per cent, in the average number of wage earners. The manufacturing interests in the city are varied, the most important being printing and publishing, with products valued at \$3,388,801 in 1914.

Binghamton is the smallest manufacturing city in the state having a population of over 50,000 in 1914, and there are only four industries for which a product valued at more than \$1,000,000 was reported in 1916.

Table 17 shows the three principal industries in the order of their relative importance, as measured by value of products, in each of the cities having a population of 10,000 but less than 50,000.

Table 17 CITY.	Principal industries.
Amsterdam.....	Carpets and rugs, other than rag. Hosiery and knit goods. Oil, linseed.
Auburn.....	Cordage and twine. Agricultural implements. Boots and shoes.
Batavia.....	Agricultural implements. Rubber goods, not elsewhere specified. Flour-mill and gristmill products.
Beacon.....	Hats, straw. Foundry and machine-shop products. Rubber goods, not elsewhere specified.
Cohoes.....	Cotton goods. Hosiery and knit goods. Foundry and machine-shop products.
Corning.....	Glass. Cars and general shop construction and repairs by steam-railroad companies. Glass, cutting, staining, and ornamenting.
Cortland.....	Iron and steel, steel works and rolling mills. Hardware. Corsets.
Dunkirk.....	Locomotives, not made by railroad companies. Foundry and machine-shop products. Liquors, malt.
Elmira.....	Automobiles, including bodies and parts. Printing and publishing. Lumber, planing-mill products, not including planing mills connected with sawmills.
Fulton.....	Worsted goods. Paper and wood pulp. Chocolate and cocoa products.
Geneva.....	Malt. Optical goods. Foundry and machine-shop products.
Glens Falls.....	Clothing, men's. Paper and wood pulp. Cement.

Table 17
CITY.

Principal industries.

Gloversville.....	Gloves and mittens, leather. Leather, tanned, curried, and finished. Hosiery and knit goods.
Hornell.....	Hosiery and knit goods. Silk goods, including throwsters. Cars and general shop construction and repairs by steam-railroad companies.
Hudson.....	Hosiery and knit goods. Liquors, malt. Foundry and machine-shop products.
Ithaca.....	Iron and steel forgings. Printing and publishing. Bread and other bakery products.
Jamestown.....	Furniture. Worsted goods. Lumber and timber products.
Johnstown.....	Gloves and mittens, leather. Leather, tanned, curried, and finished. Food preparations, not elsewhere specified.
Kingston.....	Tobacco manufactures. Clothing, men's. Liquors, malt.
Lackawanna.....	Iron and steel, steel works and rolling mills. Iron and steel, blast furnaces. Coke, not including gas-house coke.
Little Falls.....	Hosiery and knit goods. Leather, tanned, curried, and finished. Dairymen's, poultrymen's, and apiarists' supplies.
Lockport.....	Flour-mill and gristmill products. Paper and wood pulp. Automobile bodies and parts.
Middletown.....	Cars and general shop construction and repairs by steam-railroad companies. Leather, tanned, curried, and finished. Clothing, men's.
Mount Vernon.....	Foundry and machine-shop products. Bread and other bakery products. Silversmithing and silverware.
New Rochelle.....	Lumber and timber products. Printing and publishing. Bread and other bakery products.
Newburgh.....	Foundry and machine-shop products. Clothing, men's. Upholstering materials, not elsewhere specified.
Niagara Falls.....	Chemicals. Aluminum ware. Food preparations, not elsewhere specified.
North Tenawanda.....	Lumber and timber products. Foundry and machine-shop products. Hosiery and knit goods.
Ogdensburg.....	Flour-mill and gristmill products. Silk goods, including throwsters. Foundry and machine-shop products.
Olean.....	Petroleum, refining. Leather, tanned, curried, and finished. Cars and general shop construction and repairs by steam-railroad companies.
Oneonta.....	Cars and general shop construction and repairs by steam-railroad companies. Flour-mill and gristmill products. Silk goods, including throwsters.
Ossining.....	Patent medicines and compounds. Wire. Printing and publishing.
Oswego.....	Food preparations, not elsewhere specified. Matches. Starch.
Peekskill.....	Liquors, distilled. Stoves and furnaces, including gas and oil stoves. Clothing, women's.
Plattsburg.....	Automobile bodies and parts. Paper and wood pulp. Paper goods, not elsewhere specified.
Port Chester.....	House-furnishing goods, not elsewhere specified. Iron and steel, bolts, nuts, washers, and rivets. Foundry and machine-shop products.
Poughkeepsie.....	Dairymen's, poultrymen's, and apiarists' supplies. Agricultural implements. Clothing, men's.
Rensselaer.....	Felt goods. Cars and general shop construction and repairs by steam-railroad companies. Dyestuffs and extracts.
Rome.....	Brass, bronze, and copper products. Wire. Copper, tin, and sheet-iron work.
Saratoga Springs.....	Hosiery and knit goods. Druggists' preparations. Foundry and machine-shop products.
Watertown.....	Foundry and machine-shop products. Paper and wood pulp. Carriages and wagons.
Watervliet.....	Foundry and machine-shop products. Furnishing goods, men's. Woolen goods.
White Plains.....	Bread and other bakery products. Printing and publishing. Gas, illuminating and heating.

Metropolitan districts.—The districts for which statistics are here presented include not only the area within the corporate limits of the central city, but also parts of the surrounding territory which are closely associated with the development of the city.

New York City metropolitan district.—The New York City metropolitan district embraces 616,928 acres of territory, of which 183,555 acres constitute the area of New York City, and 433,373 acres the area of the outside territory. The estimated population of New York City in 1914 was 5,333,539 and that of the outside territory 1,923,846, the total for the district being 7,257,385.

The outline map on the following page shows the boundaries of the district as constituted in 1914 and the various cities, towns, and primary divisions included.

As defined at the census of 1910, the metropolitan district comprised, in addition to the central city, 15 cities, 41 boroughs, 2 villages, 17 towns, and 17 townships.

The minor civil divisions included in the metropolitan district for 1914 and 1909 were as follows:

NEW YORK.	NEW JERSEY—contd.	Hudson County.
New York City, comprising Bronx, Brooklyn, Manhattan, Queens, and Richmond Boroughs.	<i>Bergen County—Contd.</i> Harrington township. Harrington Park borough. Hasbrouck Heights borough. Haworth borough. Leonia borough. Little Ferry borough. Lodi borough. Lodi township. Moonachie borough. North Arlington borough. Norwood borough. Old Tappan borough. Overpeck township. Palisades township. Palisades Park borough. Ridgefield borough. Riverside borough. Rutherford borough. Teaneck township. Tenafly borough. Union township. Wallington borough. Woodridge borough.	Bayonne city. East Newark borough. Guttenberg town. Harrison town. Hoboken city. Jersey City. Kearny town. North Bergen township. Secaucus borough. Union town. Weehawken township. West Hoboken town. West New York town.
<i>Nassau County.</i> Hempstead town. North Hempstead town. Oyster Bay town.	<i>Essex County.</i> Belleville township. Bloomfield town. East Orange city. Glen Ridge borough. Irvington town. Montclair town. Newark city. Nutley town. Orange city. South Orange township. South Orange village.	<i>Middlesex County.</i> Perth Amboy city. Roosevelt borough. Woodbridge township.
<i>Westchester County.</i> Eastchester town. Mamaroneck town. Mamaroneck village. Mount Vernon city. New Rochelle city. Pelham town. Yonkers city.	<i>Passaic County.</i> Acquackanonk township. Little Falls township. Passaic city. Paterson city.	<i>Union County.</i> Clark township. Cranford township. Elizabeth city. Garwood borough. Kenilworth borough. Linden borough. Linden township. Rahway city. Roselle borough. Roselle Park borough. Union township.

Summary for the district.—Table 18 is a summary for 1914 of the statistics of manufacturing industries, with a statement of the estimated population in 1914, for the New York City metropolitan district, for 23 incor-

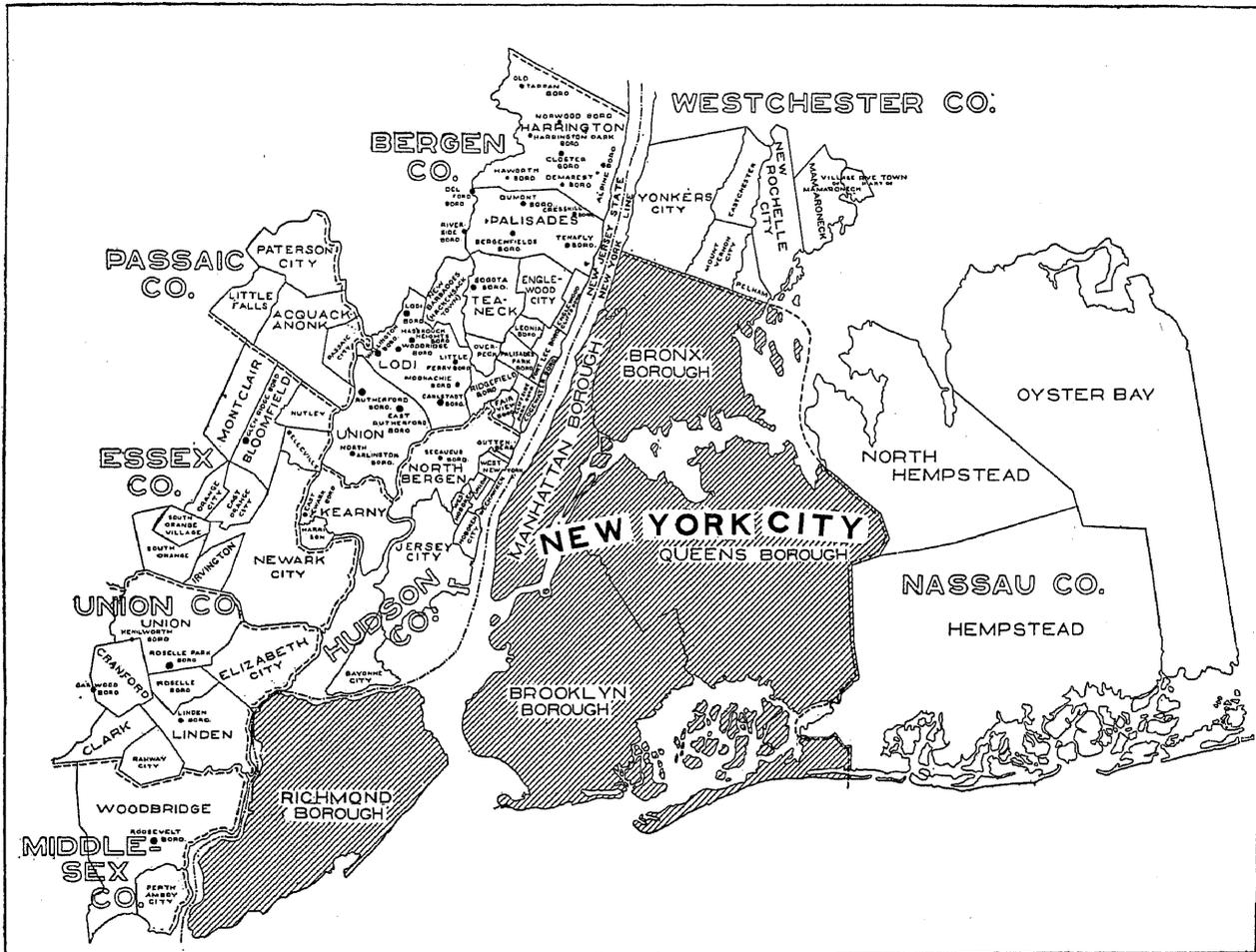
MANUFACTURES.

porated places, and for the remainder of the district. The percentages which the figures for New York City represent of the total for the district are shown in the case of each item.

In 1914 the New York City metropolitan district had 36,410 manufacturing establishments, which gave employment to an average of 1,031,815 persons during the year, 842,103 being wage earners, and paid out \$711,085,669 in salaries and wages. These estab-

lishments manufactured products to the value of \$3,428,223,150, to produce which materials costing \$1,984,842,079 were utilized. The value added by manufacture was \$1,443,381,071. The district ranked first in 1914 among the metropolitan districts of the United States in the value of its products. It represented 12.5 per cent of the persons employed, 11.5 per cent of the capital, and 14.1 per cent of the value of products reported for the entire country.

NEW YORK CITY METROPOLITAN DISTRICT: 1914.



The greater part of the value of the manufactured products of the district was reported by factories within the central city. New York City contains nearly three-fourths (73.5 per cent) of the estimated population of the district, and contributed more than two-thirds (66.9 per cent) of the value of products in 1914. The corresponding percentages for 1909 were 73.6 per cent and 68.3 per cent, respectively, which indicates that the increase in population and in the manufactures of the central city have not kept pace with the growth of the district as a whole. In 1914 the manufacturing establishments of New York City constituted over four-fifths (81.4 per cent) of all in the district, and gave employment to nearly seven-tenths (69.5 per cent) of the wage earners. Outside of

New York City, Newark was the leading city within the district both in value of products and in population, its products representing 6.1 per cent and its population 5.4 per cent of the total for the metropolitan district.

The population of the district, outside the cities and towns for which separate figures are given, was 4.7 per cent of the total for the district, and the value of manufactures produced in this territory formed 4.9 per cent of the value of the products for the district.

The 23 cities and towns exclusive of New York City, for which separate statistics are shown in the table, reported 28.3 per cent of the total value of products for the district in 1914, and a somewhat lower proportion of the population (21.8 per cent).

Table 18

	SUMMARY FOR NEW YORK METROPOLITAN DISTRICT: 1914.							
	Population. ¹	Number of establishments.	Persons engaged in manufacture.				Primary horse power.	Capital.
			Total.	Proprietors and firm members.	Salaried employees.	Wage earners (average number).		
The district.....	7,257,385	36,410	1,031,815	37,239	152,473	842,103	1,068,118	\$2,619,380,720
New York City.....	5,333,539	29,621	732,790	31,411	116,100	585,279	550,962	1,626,104,314
District exclusive of New York City, total.....	1,923,846	6,789	299,025	5,828	36,373	256,824	517,156	993,276,406
Mount Vernon.....	35,047	133	1,720	130	244	1,346	1,777	2,683,600
New Rochelle.....	34,893	61	1,061	65	126	870	781	1,761,155
Yonkers.....	93,383	186	14,172	174	1,348	12,650	20,329	59,409,115
Bayonne.....	65,271	121	11,900	90	1,660	10,150	33,323	92,751,853
Bloomfield.....	17,372	57	4,106	46	883	3,177	8,353	8,793,039
East Orange.....	39,852	51	2,610	54	607	1,949	3,379	6,617,670
Elizabeth.....	32,411	134	14,296	131	1,295	12,870	25,520	32,223,917
Englewood.....	11,487	19	135	15	29	91	296	256,845
Hackensack.....	16,011	43	895	38	91	766	1,343	1,965,158
Harrison.....	16,160	52	8,616	36	1,176	7,404	15,931	29,212,479
Hoboken.....	74,994	258	10,756	227	1,239	9,290	14,429	19,771,196
Irvington.....	14,697	74	1,109	63	125	821	2,700	2,519,052
Jersey City.....	293,921	770	37,338	652	5,665	31,021	49,086	150,782,931
Kearny.....	21,967	51	5,379	40	445	5,094	10,409	15,594,259
Montclair.....	24,782	42	479	39	58	382	1,132	2,177,229
Newark.....	389,106	2,275	74,964	1,940	9,940	63,084	100,466	214,169,257
Orange.....	31,908	72	2,437	67	244	2,126	2,906	4,533,579
Passaic.....	66,276	195	13,734	169	1,423	17,142	31,701	48,659,293
Paterson.....	134,305	735	34,447	622	2,900	30,925	34,017	74,160,608
Perth Amboy.....	38,265	128	10,556	102	1,252	9,202	48,968	61,814,034
Union.....	23,588	75	1,702	73	150	1,479	2,998	9,989,142
West Hoboken.....	40,647	189	3,839	206	179	3,454	2,299	6,200,968
West New York.....	17,093	88	3,024	96	593	2,335	2,455	8,551,316
Remainder.....	340,350	920	34,550	753	4,701	29,096	102,558	138,658,711
Per cent New York City is of total for district.....	73.5	81.4	71.0	84.3	76.1	69.5	51.6	62.1

SUMMARY FOR NEW YORK METROPOLITAN DISTRICT: 1914.

	Salaries and wages.			Paid for contract work.	Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.
	Total.	Salaries.	Wages.					
The district.....	\$711,085,669	\$206,194,596	\$504,891,073	\$69,567,824	\$98,229,554	\$1,984,842,079	\$3,428,223,150	\$1,443,381,071
New York City.....	\$510,710,612	153,213,001	357,497,611	61,394,677	78,545,881	1,229,154,705	2,292,831,693	1,063,676,988
District exclusive of New York City, total.....	200,375,057	52,981,595	147,393,462	8,173,147	19,683,673	755,687,374	1,135,391,457	379,704,083
Mount Vernon.....	1,135,019	292,974	842,045	13,052	69,060	1,284,217	3,167,173	1,882,956
New Rochelle.....	678,413	111,544	566,869	1,325	38,490	852,571	1,736,198	883,627
Yonkers.....	8,197,577	1,742,790	6,454,787	129,172	283,802	52,108,356	67,222,673	15,114,317
Bayonne.....	9,336,827	2,562,512	6,774,315	270,613	846,605	77,708,674	98,234,245	20,525,571
Bloomfield.....	2,865,729	1,222,049	1,643,680	38,428	65,152	3,359,537	8,357,620	4,998,083
East Orange.....	1,978,434	848,049	1,130,385	1,400	45,675	2,389,094	5,406,985	3,017,891
Elizabeth.....	10,111,302	1,913,794	8,197,508	66,523	493,966	16,307,134	31,228,181	14,921,047
Englewood.....	72,608	21,651	50,957	.....	6,199	111,472	321,161	209,689
Hackensack.....	568,902	148,180	420,722	143,972	18,333	1,052,246	2,252,503	1,200,257
Harrison.....	5,986,663	1,383,368	4,603,295	27,513	314,107	7,367,551	17,960,500	10,602,919
Hoboken.....	7,445,330	1,777,222	5,668,108	324,218	622,085	10,706,350	23,461,298	12,754,948
Irvington.....	692,197	155,330	536,867	3,890	40,009	5,923,485	7,349,713	1,426,228
Jersey City.....	25,828,623	8,177,783	17,650,840	532,167	6,982,997	111,732,059	164,528,608	52,746,549
Kearny.....	3,915,209	719,531	3,195,678	42,208	124,784	8,754,620	15,419,840	6,665,220
Montclair.....	298,782	71,654	227,128	10,134	42,993	992,557	1,431,768	439,211
Newark.....	51,364,489	14,717,174	36,647,315	1,114,795	5,235,053	113,438,455	210,601,047	97,162,592
Orange.....	1,650,397	372,543	1,277,854	7,682	131,967	1,939,050	4,558,321	2,619,271
Passaic.....	10,562,578	2,513,133	8,049,445	234,180	384,279	30,940,336	53,267,859	22,327,523
Paterson.....	20,336,615	4,141,719	16,194,896	4,081,545	1,502,332	40,630,189	78,428,939	37,798,460
Perth Amboy.....	6,754,925	1,849,287	4,905,638	17,762	579,834	135,745,315	148,959,944	13,214,629
Union.....	1,160,127	293,394	866,733	193,929	270,365	2,089,813	4,465,201	2,375,358
West Hoboken.....	2,140,452	1,910,277	385,824	211,593	211,593	2,830,326	6,601,166	3,770,840
West New York.....	2,121,026	718,548	1,402,478	235,359	114,981	10,044,683	13,960,963	3,916,280
Remainder.....	25,172,833	6,997,191	18,175,642	297,456	1,259,462	117,339,254	166,469,851	49,130,597
Per cent New York City is of total for district.....	71.8	74.3	70.8	88.3	80.0	61.9	66.9	73.7

¹ Estimated population, July 1, 1914.

Comparison with earlier censuses.—Table 19 gives statistics for the New York City metropolitan district as a whole for 1914, 1909, and 1904. Percentages of increase are shown for the territory included

in the metropolitan district for the decade and for each five-year period. The figures for 1914 and 1909 are for the "metropolitan" area as defined in the population census of 1910, and those for 1904 are for

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the "industrial" area given in connection with the census of manufactures of 1904. The difference in area is slight and does not materially affect the comparison of the figures given in the table.

Table 19

	NEW YORK CITY METROPOLITAN DISTRICT.			PER CENT OF INCREASE.		
	1914	09	1904	1904-1914	1909-1914	1904-1909
Population.....	1 7,257,385	2 6,474,568	3 5,294,682	37.1	12.1	22.3
Number of establishments.....	36,410	31,782	25,257	44.2	14.5	25.9
Persons engaged.....	1,031,815	948,706	764,330	35.0	8.7	24.1
Proprietors and firm members.....	37,239	34,476	28,870	29.0	8.0	19.4
Salaried employees.....	152,473	125,055	80,472	89.5	21.9	35.6
Wage earners (average number).....	842,103	789,175	654,988	28.6	6.7	20.4
Primary horsepower.....	1,068,118	820,413	578,371	84.7	30.2	41.8
Capital.....	\$2,619,380,720	2,117,433,047	\$1,572,028,947	66.6	23.7	34.6
Salaries and wages.....	711,085,669	607,755,267	436,238,272	63.0	18.6	39.3
Salaries.....	206,194,596	159,275,011	94,547,089	118.1	29.4	68.4
Wages.....	504,891,073	448,480,256	341,691,183	47.8	12.6	31.2
Cost of materials.....	1,984,842,079	1,710,324,660	1,209,010,634	64.2	16.0	41.5
Value of products.....	3,428,223,150	2,970,143,382	2,144,488,093	59.9	15.4	38.5
Value added by manufacture (value of products less cost of materials).....	1,443,381,071	1,259,818,722	935,477,459	54.3	19.6	34.7

¹ Estimated July 1, 1914. ² Apr. 15, 1910. ³ State census June 1, 1905.

The relative increase in all items, for which comparative figures are given in the table, was smaller during the last half of the decade than during the first. From 1909 to 1914 the population increased

12.1 per cent and the value of products 15.4 per cent, while for the decade the corresponding percentages were 37.1 and 59.9, respectively. The proportion of the population of the outside territories increased from 24.2 per cent of the total in 1904 to 26.5 per cent in 1914, while the value of products increased from 28.8 per cent of the total in 1904 to 33.1 per cent in 1914.

Comparative summary, by industries.—Table 20 gives statistics, for 1914 and 1909, for the industries of the district having products valued at \$10,000,000 or more so far as separate figures can be presented.

The total for all industries combined in the area under consideration shows an increase in every field of operation, and the same general increase is shown in a majority of the individual industries. The number of factories operating in the district in 1914 was 4,628 in excess of the number reported in 1909, but wage earners increased only 6.7 per cent and value of products 15.4 per cent. Clothing shows the greatest actual gain in value of products, \$51,093,076, or 10.3 per cent, and is followed by printing and publishing, with an increase of \$36,474,659, or 18.8 per cent. The largest relative increase was 119.5 per cent, for food preparations. The greatest actual decrease was \$10,622,877, or 2.6 per cent, in fur goods, due to the depression in the industry in 1914.

Table 20

COMPARATIVE SUMMARY FOR THE NEW YORK CITY METROPOLITAN DISTRICT, BY SELECTED INDUSTRIES: 1914 AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Persons engaged in the industry.			Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	
			Total.	Proprietors and firm members.	Salaried employees.								Wage earners (average number.)
All industries.....	1914	36,410	1,031,815	37,239	152,473	842,103	1,068,118	\$2,619,380,720	\$206,194,596	\$504,891,073	\$1,984,842,079	\$3,428,223,150	\$1,443,381,071
	1909	31,782	948,706	34,476	125,055	789,175	820,413	2,117,433,047	159,275,011	448,480,256	1,710,324,660	2,970,143,382	1,259,818,722
Artificial flowers and feathers and plumes.	1914	372	9,018	327	898	7,933	417	7,235,357	1,128,270	3,373,445	8,170,618	16,467,885	8,297,267
	1909	328	9,867	431	906	8,530	216	7,989,321	1,026,438	3,459,096	12,263,957	21,197,040	8,928,983
Automobiles, including bodies and parts.	1914	183	5,336	126	971	4,239	5,969	11,136,603	1,364,142	2,938,555	6,525,819	13,442,335	6,910,516
	1909	73	3,183	38	406	2,739	2,066	5,835,500	617,776	2,051,508	3,267,755	7,768,871	4,501,116
Boots and shoes, including cut stock and findings.	1914	227	13,142	229	1,004	11,909	5,367	15,723,531	1,419,811	7,276,200	17,579,985	31,559,026	13,979,041
	1909	197	10,785	206	911	9,668	3,062	10,331,048	1,169,579	5,181,342	11,654,728	21,331,290	9,676,562
Boxes, fancy and paper.....	1914	259	13,262	231	1,125	11,906	6,227	14,146,243	1,481,241	4,822,199	7,970,978	18,154,175	10,183,197
	1909	244	9,882	271	672	8,939	2,640	6,124,236	758,541	3,422,516	5,031,960	11,664,690	6,632,730
Brass, bronze, and copper products.	1914	202	5,636	197	663	4,776	8,324	10,649,022	857,203	3,000,367	7,706,469	14,243,673	6,537,204
	1909	221	5,658	211	629	4,818	7,083	9,254,024	834,085	2,869,378	7,016,892	13,899,127	6,882,235
Bread and other bakery products.	1914	3,388	31,255	3,573	3,370	24,312	16,100	57,258,448	3,148,120	16,282,735	52,497,387	97,600,367	45,102,980
	1909	3,188	25,624	3,566	2,840	19,218	8,206	31,867,231	2,339,594	12,988,285	47,302,350	77,472,491	30,170,141
Cars and general shop construction and repairs by steam-railroad companies.	1914	27	7,666	.....	621	7,045	10,176	7,657,347	629,548	4,900,576	4,754,433	10,594,010	5,839,577
	1909	15	7,220	.....	693	6,527	6,310	4,549,246	539,632	3,975,199	4,478,889	9,362,154	4,883,205
Chemicals.....	1914	81	8,281	18	1,431	6,832	20,755	43,728,460	2,409,472	4,535,849	24,248,026	39,989,145	15,741,119
	1909	68	6,233	18	1,010	5,205	15,043	30,592,316	1,821,533	3,201,333	19,465,937	31,453,662	11,987,725
Clothing.....	1914	6,229	201,511	8,829	21,503	171,179	26,714	188,956,417	25,916,047	97,334,612	282,258,418	546,682,210	264,423,792
	1909	5,688	196,477	8,191	19,243	169,043	19,913	175,352,535	21,653,203	94,590,471	262,631,212	495,539,134	232,967,922
Confectionery.....	1914	244	11,550	221	1,422	9,907	11,554	19,907,501	1,849,254	4,091,604	19,076,906	32,110,714	13,033,808
	1909	166	8,717	153	1,169	7,395	7,128	11,329,870	1,432,917	2,710,620	14,336,920	23,297,461	8,960,541
Copper, tin, and sheet-iron products.	1914	636	16,886	607	1,859	14,420	11,494	33,811,024	2,499,596	8,572,553	20,272,307	38,004,569	17,732,232
	1909	614	16,202	572	1,480	14,150	9,248	30,549,065	1,848,360	8,217,995	17,343,960	32,831,045	15,487,085
Electrical machinery, apparatus, and supplies.	1914	225	22,555	91	4,391	18,073	22,159	52,855,189	5,903,796	9,963,168	26,065,337	51,989,150	25,923,813
	1909	224	19,731	97	3,124	16,510	17,657	39,639,581	3,792,667	8,846,952	21,017,199	42,925,196	21,907,997
Fancy articles, not elsewhere specified.	1914	300	5,423	300	833	4,290	2,045	5,551,398	1,038,053	2,072,046	4,956,647	10,281,694	5,325,047
	1909	186	4,792	208	659	3,925	3,101	6,960,522	785,449	1,859,443	3,650,942	8,694,052	5,043,110

Table 20—Continued.

COMPARATIVE SUMMARY FOR THE NEW YORK CITY METROPOLITAN DISTRICT, BY SELECTED INDUSTRIES: 1914 AND 1909.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Persons engaged in the industry.				Primary horse- power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture.
			Total.	Pro- pri- etors and firm mem- bers.	Sal- aried em- ploy- ees.	Wage earn- ers (aver- age num- ber.)							
Food preparations, not else- where specified.	1914	236	4,082	237	912	2,933	5,871	\$9,002,968	\$1,232,693	\$1,494,916	\$16,313,474	\$22,421,219	\$6,107,745
	1909	133	2,972	147	560	2,265	3,503	5,267,443	803,554	1,009,184	6,267,421	10,213,393	3,945,972
Foundry and machine-shop products.	1914	2,612	58,990	2,092	8,603	48,295	74,708	162,225,252	12,207,445	34,817,934	50,044,827	128,194,933	78,150,106
	1909	1,346	50,775	1,079	7,233	42,463	59,353	140,704,324	9,966,994	28,550,009	42,151,844	107,297,665	65,145,821
Fur goods.....	1914	838	8,311	1,252	1,465	5,594	1,314	17,630,794	1,655,914	4,157,294	16,209,078	29,251,509	13,042,431
	1909	1,821	10,719	1,264	1,631	7,824	857	18,635,692	1,693,228	5,482,884	23,434,150	39,874,386	16,440,236
Furnishing goods, men's.....	1914	319	12,309	379	1,626	10,304	2,154	15,415,230	2,193,484	4,715,504	18,882,776	31,376,239	12,493,463
	1909	330	10,750	417	1,604	8,729	1,428	13,386,885	1,925,326	3,762,229	17,963,707	29,264,496	11,800,789
Furniture and refrigerators....	1914	548	13,142	570	1,545	11,027	11,773	16,966,331	2,053,631	7,195,988	12,256,935	27,719,697	15,462,762
	1909	441	11,508	494	1,120	9,894	8,971	13,726,370	1,349,119	6,157,325	10,243,756	22,543,905	12,300,149
Gas and electric fixtures and lamps and reflectors.	1914	176	5,396	140	1,012	4,244	3,126	12,809,784	1,538,609	2,778,596	5,551,758	11,682,380	6,130,622
	1909	169	6,789	141	1,205	5,443	3,413	11,479,073	1,487,909	3,238,667	6,073,357	13,685,723	7,582,366
Gas, illuminating and heating.	1914	35	14,097	.....	4,944	9,153	43,546	311,331,496	3,995,218	4,777,540	21,508,928	54,166,316	32,657,388
	1909	31	8,886	.....	2,825	6,061	28,881	231,325,446	2,952,102	3,888,165	15,425,665	43,934,683	28,509,018
Hats and caps, other than felt, straw, and wool.	1914	289	5,057	410	442	4,205	740	3,920,452	453,182	2,693,859	5,409,135	10,999,672	5,590,537
	1909	1,226	3,822	324	288	3,210	399	2,687,949	378,191	1,939,839	3,703,433	7,514,924	3,784,491
Hats, fur-felt.....	1914	69	7,287	53	492	6,742	5,909	10,367,258	714,036	3,827,112	6,224,761	12,745,838	6,521,077
	1909	88	8,951	92	635	8,224	6,887	9,880,172	788,896	4,814,828	8,076,808	16,252,554	8,175,746
Jewelry.....	1914	685	10,912	783	2,079	8,050	3,841	30,456,981	2,856,567	5,839,657	16,202,973	31,800,961	15,597,988
	1909	2,583	11,445	715	1,842	8,888	2,659	24,190,422	2,348,505	6,127,987	16,243,443	32,388,708	16,145,265
Leather goods, not elsewhere specified.	1914	544	9,520	594	1,045	7,881	2,695	10,420,213	1,271,803	4,448,668	12,203,818	22,308,720	10,104,902
	1909	474	9,733	566	1,107	8,060	1,895	10,525,040	1,354,453	4,328,593	12,122,689	21,640,916	9,518,227
Leather, tanned, curried, and finished.	1914	92	4,588	67	515	4,006	8,890	19,937,920	902,109	2,635,400	18,173,902	26,051,908	7,878,006
	1909	97	5,358	88	412	4,858	8,735	16,439,787	727,729	3,071,920	17,090,765	24,250,600	7,159,835
Liquors, malt.....	1914	78	10,556	6	1,719	8,831	59,084	147,178,557	4,781,369	7,974,908	21,321,979	75,866,730	54,544,751
	1909	100	9,404	21	1,647	7,836	44,218	125,783,586	4,510,995	6,700,995	17,515,639	72,850,405	55,334,766
Lumber and timber products..	1914	418	12,018	321	1,317	10,380	30,063	24,356,665	1,814,813	6,608,208	17,371,309	29,949,468	12,578,159
	1909	416	12,771	374	1,206	11,191	26,842	24,576,733	1,508,892	7,031,969	20,391,431	34,106,375	13,714,944
Marble and stone work.....	1914	346	5,097	364	591	4,142	12,503	11,153,098	971,653	3,931,526	4,464,191	11,803,889	7,339,698
	1909	335	6,247	348	579	5,320	12,732	12,777,174	913,093	4,975,899	6,169,872	15,506,634	9,336,662
Millinery and lace goods.....	1914	1,488	34,716	1,768	4,259	28,689	5,676	33,939,211	5,007,330	14,318,684	39,540,695	78,032,028	38,491,333
	1909	1,050	27,669	1,365	3,207	23,097	4,237	22,344,815	3,447,867	10,607,241	28,815,237	56,072,956	27,257,719
Musical instruments, pianos and organs and materials.	1914	142	11,756	60	1,134	10,562	8,672	32,322,467	1,956,090	6,713,823	13,410,214	27,747,566	14,337,352
	1909	147	10,204	92	851	9,261	6,995	24,047,869	1,509,598	6,217,458	13,866,343	26,852,411	12,986,068
Paint and varnish.....	1914	159	6,714	95	2,202	4,417	18,885	36,113,608	3,959,742	2,897,440	25,073,706	42,076,095	17,002,389
	1909	159	5,766	72	2,002	3,692	12,840	28,148,181	3,118,366	2,291,738	23,005,327	36,190,744	13,185,417
Paper goods, not elsewhere specified.	1914	100	4,904	49	739	4,116	6,096	10,931,585	1,093,339	2,032,223	7,445,684	13,657,194	6,211,510
	1909	95	4,760	60	803	3,897	4,989	8,498,291	983,118	1,646,539	6,075,613	11,111,353	5,036,740
Patent medicines and compo- unds and druggists' preparations.	1914	597	8,821	355	3,106	5,360	5,794	24,645,214	4,890,479	2,744,208	15,886,735	37,820,747	21,934,012
	1909	518	6,956	349	2,321	4,286	5,656	18,877,603	3,395,749	2,036,829	11,489,412	30,897,557	19,408,145
Printing and publishing.....	1914	3,647	87,340	2,794	30,886	53,660	54,856	172,579,981	40,617,016	42,621,659	61,006,145	230,961,612	169,955,467
	1909	3,305	80,491	2,716	24,689	53,086	42,370	135,743,840	30,285,297	38,363,052	49,535,861	194,486,953	144,951,092
Rubber goods, not elsewhere specified.	1914	56	4,975	27	668	4,280	12,485	11,103,216	1,027,855	2,225,801	5,503,911	11,727,116	6,223,205
	1909	53	3,076	41	475	2,560	7,900	8,228,357	792,376	1,328,452	6,256,322	10,159,440	3,903,118
Shipbuilding, including boat building.	1914	106	7,611	91	542	6,978	19,102	18,970,607	986,634	5,910,529	5,909,241	16,237,771	10,328,530
	1909	107	5,947	100	403	5,444	13,182	15,173,848	611,214	3,904,913	3,753,666	11,372,182	7,618,516
Slaughtering and meat pack- ing.	1914	263	8,123	272	1,417	6,434	17,254	40,434,548	2,000,648	5,022,280	131,962,450	148,621,659	16,659,209
	1909	164	7,054	178	1,296	5,580	11,944	32,776,083	1,825,945	4,352,443	115,521,731	131,081,148	15,559,417
Textiles.....	1914	1,003	75,239	947	5,248	69,044	97,784	155,840,344	7,839,732	34,409,140	97,971,329	179,209,336	81,238,007
	1909	825	77,163	764	4,610	71,789	82,660	138,666,714	6,638,111	31,548,701	78,895,095	152,010,420	73,115,325
Tobacco manufactures.....	1914	2,005	39,256	2,055	3,772	33,429	5,784	78,331,414	5,486,619	14,590,396	45,315,201	103,563,536	58,248,335
	1909	2,403	33,355	2,580	2,364	28,411	3,981	43,135,651	3,056,997	12,341,435	33,382,973	78,783,942	45,400,969
All other industries.....	1914	7,186	209,477	6,709	30,102	172,666	402,232	732,328,986	43,042,033	104,343,871	811,593,594	1,091,110,058	279,516,464
	1909	6,154	191,764	6,127	24,498	161,139	311,513	610,031,200	32,286,615	89,368,824	687,358,399	942,342,796	254,984,397

¹ Excludes statistics for establishments located outside of the corporate limits of New York City, to avoid disclosure of individual operations. The figures for these establishments are included under the head of "all other industries."

² Excludes statistics for establishments located outside of the corporate limits of New York City and of Newark, to avoid disclosure of individual operations. The figures for these establishments are included under the head of "all other industries."

³ Excludes statistics for establishments classified as "cordage and twine and jute and linen goods," located outside of the corporate limits of New York City and of Paterson, to avoid disclosure of individual operations. The figures for these establishments are included under the head of "all other industries."

There were seven industries, each with products exceeding \$1,000,000 in value, in 1914 which could not be shown separately without disclosing the operations of individual establishments. These industries are bags, other than paper; carpets and rugs, other than rag; gold and silver, reducing and refining, not from the ore; smelting and refining, not from the ore; soap; sugar, refining; and wire.

Buffalo metropolitan district.—The Buffalo metropolitan district comprises 132,413 acres of territory, of which 24,894 acres constitute the area of the city of Buffalo and 107,519 the area of the outside territory.

The estimated population of the city of Buffalo proper in 1914 was 454,112 and that of the outside territory 74,875. The district comprises the cities of Buffalo, Lackawanna, and Tonawanda, and the towns of Cheektowaga, Hamburg, Lancaster, Tonawanda, and West Seneca, all of which are in Erie County, and the city of North Tonawanda, in Niagara County. The accompanying outline map shows the city of Buffalo and the territory included in the metropolitan district.

Summary for the district.—Table 21 is a summary for 1914 of the statistics of manufacturing industries, with a statement of the estimated population in 1914 for the Buffalo metropolitan district, the cities of Buffalo and North Tonawanda, and for the remainder of the district. The percentages which the figures for Buffalo,

separately, represent of the total for the district are shown for each item.

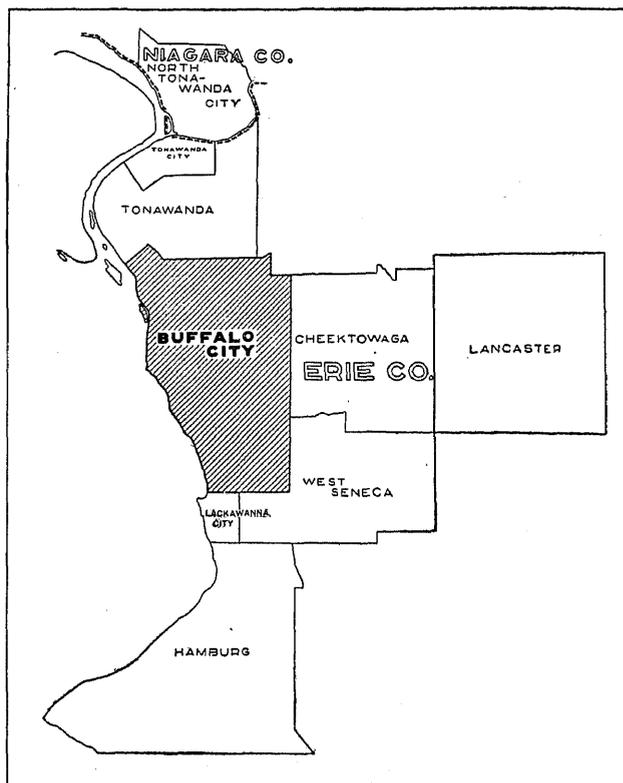


Table 21

	BUFFALO METROPOLITAN DISTRICT.					Per cent Buffalo is of total for district.
	The district.	Buffalo.	District exclusive of Buffalo.			
			Total.	North Tonawanda.	Remainder. ¹	
Population ²	528,987	454,112	74,875	13,184	61,691	85.8
Number of establishments.....	2,454	2,225	229	74	155	90.7
Persons engaged in manufactures.....	81,985	67,518	14,467	4,078	10,389	82.4
Proprietors and firm members.....	2,076	1,908	168	41	127	91.9
Salaried employees.....	12,932	11,194	1,738	463	1,275	86.6
Wage earners (average number).....	66,977	54,416	12,561	3,574	8,987	81.2
Primary horsepower.....	361,808	152,338	209,470	11,784	197,686	42.1
Capital.....	\$347,593,836	\$243,289,693	\$104,304,143	\$12,126,163	\$92,177,980	70.0
Salaries and wages.....	61,125,378	49,785,767	11,339,611	2,574,113	8,765,498	81.4
Salaries.....	17,604,835	14,967,915	2,636,920	617,599	2,019,021	85.0
Wages.....	43,520,543	34,817,852	8,702,691	1,956,514	6,746,477	80.0
Paid for contract work.....	863,107	848,093	15,014	10,910	4,104	98.3
Rent and taxes (including internal revenue).....	4,397,907	3,968,136	429,771	96,972	332,799	90.2
Cost of materials.....	192,198,749	157,996,380	34,202,369	6,084,887	28,117,482	82.2
Value of products.....	298,963,864	247,516,476	51,447,388	10,040,356	41,407,032	82.8
Value added by manufacture (value of products less cost of materials).....	106,765,115	89,520,096	17,245,019	3,955,469	13,289,550	83.8

¹ Includes Lackawanna, the statistics for which can not be shown without disclosing individual operations.

² Estimated July 1, 1914.

In 1914 the metropolitan district had 2,454 establishments, which gave employment to an average of 81,985 persons during the year, 66,977 being wage earners, and paid out \$61,125,378 in salaries and wages. These establishments manufactured products to the value of \$298,963,864, to produce which materials costing \$192,198,749 were utilized. The value added by manufacture was thus \$106,765,115.

The greater part of the value of manufactured products of the district was reported by factories within the central city. Buffalo contained over four-fifths (85.8 per cent) of the population of the district, of which it is the manufacturing, commercial, and financial center, and contributed 82.8 per cent of the value of products. Its manufacturing establishments

constituted 90.7 per cent of the total for the district and gave employment to 81.2 per cent of the average number of wage earners. North Tonawanda, which contained 2.5 per cent of the population of the district, contributed 3.4 per cent of the total value of products. The average value of products per establishment was less in Buffalo than in North Tonawanda, or in the district outside, the averages being \$111,243 for Buffalo, \$135,680 for North Tonawanda, and \$267,142 for the district outside.

The group of towns or parts or townships and cities not shown separately represented 11.7 per cent of the total population of the district and contributed 13.9 per cent of the value of products.

Comparison with earlier censuses.—Table 22 gives statistics for the Buffalo district for 1914, 1909, and 1904. Percentages of increase are shown for the territory included in the metropolitan district for the decade and for each five-year period.

	BUFFALO METROPOLITAN DISTRICT.			PER CENT OF INCREASE. ¹		
	1914	1909	1904	1904-1914	1909-1914	1904-1909
Population.....	² 528,987	³ 488,661	⁴ 423,390	24.9	8.3	15.4
Number of establishments	2,454	1,964	1,631	50.5	24.9	20.4
Persons engaged.....	81,985	75,086	56,287	45.7	9.2	33.4
Proprietors and firm members.....	2,076	1,638	1,639	26.7	26.7	-0.1
Salaried employees.....	12,932	9,876	5,854	120.9	30.9	68.7
Wage earners (average number).....	66,977	63,572	48,794	37.3	5.4	30.3
Primary horsepower.....	361,808	322,280	172,688	109.5	12.3	86.6
Capital.....	\$347,593,836	\$280,052,887	\$188,384,845	84.5	24.1	48.7
Salaries and wages.....	61,125,378	47,363,003	31,072,320	96.7	29.1	52.4
Salaries.....	17,604,835	11,190,444	6,276,393	180.5	57.3	78.3
Wages.....	43,520,543	36,172,559	24,795,927	75.5	20.3	45.9
Cost of materials.....	192,198,749	180,458,300	102,623,748	87.3	6.5	75.8
Value of products.....	298,963,864	279,852,346	168,111,658	77.8	6.8	66.5
Value added by manufacture (value of products less cost of materials).....	106,765,115	99,394,046	65,487,910	63.0	7.4	51.8

¹ A minus sign (—) denotes decrease. ³ Apr. 15, 1910.
² Estimated population July 1, 1914. ⁴ State census, June 1, 1905.

There were 490 more establishments in the district in 1914 than in 1909, but the number of wage earners

had increased only 5.4 per cent and the value of products only 6.8 per cent. Each item presented in the table shows an increase for the decade and for each of the five-year periods, except proprietors and firm members. The increases were uniformly greater during the five-year period 1904-1909 than 1909-1914, with the exception of the number of establishments and of proprietors and firm members.

Comparative summary, by industries.—Table 23 gives statistics, for 1914 and 1909, for the industries of the district having products valued at \$1,000,000 or more, so far as separate figures can be presented.

Of the 23 industries shown separately in the table, slaughtering and meat packing ranked highest in value of products, with 9.9 per cent of the total reported for all industries in the district, followed by flour mills and gristmills, with 9.4 per cent, and foundry and machine shops, with 9 per cent. The first two of these industries are confined exclusively to Buffalo. There were 20 additional industries, having a value of products valued at \$1,000,000 and over, omitted from this table, because they could not be shown separately in 1914 without disclosing the operations of individual establishments, or because comparative figures were not available.

Table 23

BUFFALO METROPOLITAN DISTRICT: 1914 AND 1909.

INDUSTRY.	Census year.	Number of establishments.	Persons engaged in the industry.			Primary horsepower.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.	
			Total.	Proprietors and firm members.	Salaried employees.								Wage earners (average number).
All industries.....	1914 1909	2,454 1,964	81,985 75,086	2,076 1,638	12,932 9,876	66,977 63,572	361,808 322,280	\$347,593,836 280,052,887	\$17,604,835 11,190,444	\$43,520,543 36,172,559	\$192,198,749 180,458,300	\$298,963,864 279,852,346	\$106,765,115 99,394,046
Automobiles, including bodies and parts.....	1914 1909	33 23	4,102 3,640	20 13	965 583	3,117 3,044	3,977 4,561	11,806,117 9,300,037	1,113,711 283,056	2,510,596 2,199,567	6,029,343 4,595,655	11,469,941 9,597,763	5,440,598 5,002,108
Blacking and cleansing and polishing preparations.....	1914 1909	116 111	428 287	11 4	180 147	237 136	247 209	1,066,202 942,202	209,596 123,055	110,511 66,554	709,757 411,139	1,637,361 963,586	927,604 552,447
Boots and shoes, including cut stock.....	1914 1909	16 14	704 722	12 14	53 55	639 653	426 370	1,214,147 909,755	47,914 55,264	312,613 287,136	957,124 884,868	1,499,457 1,355,821	542,333 520,933
Boxes, fancy and paper.....	1914 1909	114 111	1,282 1,591	7 5	107 48	1,168 1,538	1,206 449	1,803,428 844,500	114,858 63,153	412,236 388,553	762,476 393,932	1,586,341 1,067,985	823,865 674,053
Brass, bronze, and copper products.....	1914 1909	125 118	809 414	21 12	100 55	688 347	3,335 2,417	1,870,100 1,046,601	156,047 71,657	478,501 210,942	2,429,905 1,141,075	3,399,130 1,990,549	969,225 649,474
Bread and other bakery products.....	1914 1909	257 203	2,319 1,848	257 195	479 261	1,583 1,392	1,738 1,224	4,825,208 4,478,564	511,624 251,023	959,176 749,587	3,684,277 3,441,903	6,733,508 5,720,259	3,049,231 2,278,356
Cars and general shop construction and repairs by steam-railroad companies.....	1914 1909	114 17	3,699 3,474	..... .....	281 284	3,418 3,190	2,888 2,768	3,628,927 2,390,773	239,979 218,579	2,395,068 1,938,340	2,834,344 2,276,953	5,507,262 4,524,448	2,672,918 2,247,490
Clothing.....	1914 1909	175 174	2,695 2,336	91 82	235 268	2,369 1,986	614 426	2,331,109 2,757,019	238,497 244,601	993,176 782,677	2,271,096 2,361,820	4,574,549 4,712,682	2,303,453 2,350,862
Copper, tin, and sheet-iron products.....	1914 1909	140 73	2,261 1,912	154 78	322 265	1,785 1,569	2,726 1,955	5,821,282 4,146,847	469,062 288,640	1,114,607 864,560	2,030,393 2,290,255	4,434,767 4,166,751	2,404,384 1,876,496
Flour-mill and gristmill products.....	1914 1909	111 19	1,032 842	..... 10	283 325	749 507	8,645 11,473	8,551,873 5,510,380	331,736 333,786	562,167 342,145	25,037,011 17,825,995	28,068,796 20,358,557	3,031,785 2,532,562
Food preparations, not elsewhere specified.....	1914 1909	120 112	534 403	19 13	159 139	356 251	1,365 861	1,628,049 1,355,500	188,284 158,826	211,020 118,295	2,559,232 1,696,441	4,117,187 2,715,323	1,557,955 1,018,832
Foundry and machine-shop products.....	1914 1909	283 168	12,278 11,118	206 100	2,128 1,178	9,944 9,840	23,366 13,161	35,597,016 22,812,333	3,129,649 1,494,641	7,051,023 5,766,209	12,408,802 10,247,358	26,968,240 23,549,910	14,559,438 13,302,552
Furniture and refrigerators.....	1914 1909	38 33	2,267 2,347	23 25	272 270	-1,972 2,052	3,351 2,846	4,322,768 4,083,497	390,516 311,618	1,055,574 1,036,648	1,965,750 2,155,903	4,018,447 4,184,964	2,052,697 1,029,061
Jewelry.....	1914 1909	21 14	438 401	32 22	90 81	316 298	177 116	1,513,085 1,307,433	119,794 99,059	191,230 173,650	344,156 385,255	1,125,359 979,250	781,203 593,995

¹ Excludes statistics for establishments located outside of the corporate limits of Buffalo, to avoid disclosure of individual operations. The figures for these establishments are included under the head of "all other industries."

MANUFACTURES.

Table 23—Continued.

BUFFALO METROPOLITAN DISTRICT: 1914 AND 1909.

INDUSTRY.	Cen- sus year.	Number of estab- lish- ments.	Persons engaged in the in- dustry.				Pri- mary horse- power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufac- ture.
			Total.	Pro- pri- ators and firm mem- bers.	Sala- ried em- ploy- ees.	Wage earn- ers (aver- age num- ber).							
Leather goods.....	1914 1909	1 28 1 22	645 609	30 27	84 73	531 509	567 460	1,476,542 937,585	\$133,267 96,134	\$285,776 262,166	\$638,361 520,546	\$1,336,421 1,129,321	\$898,666 609,772
Leather, tanned, curried, and fin- ished.	1914 1909	4 4	501 579	6 7	40 59	455 513	1,825 1,297	3,915,449 3,058,110	71,013 85,065	257,704 246,027	2,959,699 2,193,954	3,830,576 2,808,993	870,877 615,000
Liquors, malt.....	1914 1909	1 16 1 16	1,166 828	.....	208 155	958 673	5,248 4,888	19,423,951 12,783,514	533,668 412,529	787,401 536,338	2,603,283 1,430,712	7,962,285 6,496,549	5,350,000 5,013,000
Lumber and timber products.....	1914 1909	49 58	2,250 3,047	40 49	341 287	1,869 2,711	8,393 11,029	8,574,636 6,383,495	347,094 295,421	1,147,860 1,452,301	5,606,457 6,402,776	8,175,514 9,321,233	2,560,000 2,018,400
Malt.....	1914 1909	10 16	357 362	3 8	71 66	283 288	5,219 3,862	8,178,488 15,471,572	204,823 144,429	275,968 221,795	6,597,960 5,656,794	8,074,154 7,094,746	1,476,194 1,437,000
Patent medicines and compounds and druggists' preparations.	1914 1909	1 01 87	736 618	76 50	360 316	300 252	403 374	1,813,435 1,161,646	314,400 216,608	152,835 102,118	675,740 438,922	3,335,112 2,953,515	2,650,500 2,511,000
Printing and publishing.....	1914 1909	225 176	4,297 4,103	195 142	1,025 791	3,077 3,170	3,849 3,636	7,372,463 6,842,971	1,291,022 807,256	2,209,986 1,973,911	3,054,539 2,399,934	9,314,992 7,842,910	6,260,450 5,442,900
Slaughtering and meat packing....	1914 1909	1 43 1 39	2,066 1,929	37 35	419 232	1,610 1,662	4,060 3,743	10,647,262 7,270,613	595,395 329,310	1,004,267 963,210	27,379,114 21,788,626	29,699,660 25,416,054	2,320,500 3,627,400
Soap.....	1914 1909	11 8	1,814 1,592	7 2	342 230	1,465 1,360	2,890 2,489	15,636,414 7,256,506	508,811 214,556	865,637 544,692	6,145,363 5,760,070	8,834,862 8,652,900	2,680,400 2,802,000
All other industries.....	1914 1909	1,004 878	33,305 30,084	829 745	4,388 3,708	28,088 25,631	274,393 247,666	184,575,885 157,001,384	6,344,075 4,592,178	18,175,711 14,965,238	72,514,577 83,757,409	113,259,943 122,448,277	40,745,000 38,000,000

¹ Excludes statistics for establishments located outside of the corporate limits of Buffalo, to avoid disclosure of individual operations. The figures for these establishments are included under the head of "all other industries."

Character of ownership.—Table 24 presents statistics concerning the character of ownership, or legal organization, of manufacturing enterprises of New York. For all industries combined, comparative figures are given for 1914, 1909, and 1904; for selected industries, statistics for 1914 and 1909 are shown; and

for individual cities the figures are for all industries combined and relate only to 1914. In order to avoid disclosing the operations of individual establishments, it is necessary to omit several important industries from this table.

Table 24

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.						VALUE OF PRODUCTS.							
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.		
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.
All industries.....	1914 1909 1904	23,031 25,407 22,081	11,774 9,345 6,086	10,398 10,183 9,027	1,057,857 1,008,981 856,947	168,237 194,240 186,317	698,771 539,771 454,396	190,849 219,970 216,234	15.9 19.3 21.7	66.1 58.7 53.0	18.0 21.9 25.2	\$3,814,661,114 3,369,490,192 2,488,345,579	\$509,989,016 552,350,324 443,142,687	\$2,617,020,953 2,108,026,670 1,996,924,211	\$687,651,145 709,113,199 648,278,681	13.4 16.4 17.8	68.0 62.0 56.1	18.6 21.8 26.1
Agricultural implements.	1914 1909	14 19	29 28	7 10	5,392 5,717	90 145	5,263 5,519	39 53	1.7 2.5	97.6 96.5	0.7 0.9	14,576,694 14,970,980	187,918 271,450	14,137,363 14,454,222	251,413 245,308	1.3 1.8	97.0 96.6	1.7 1.6
Artificial flowers and feath- ers and plumes.	1914 1909	210 172	63 36	96 111	7,715 8,493	2,539 3,102	2,260 1,702	2,916 3,689	32.9 36.5	29.3 20.0	37.8 43.4	16,455,637 21,161,525	5,439,417 6,094,110	4,901,586 5,630,185	6,114,634 9,437,230	33.1 28.8	29.8 26.0	37.2 44.6
Automobiles, including bodies and parts.	1914 1909	79 23	135 73	33 17	12,122 9,861	513 413	11,379 9,190	230 258	4.2 4.2	93.9 93.2	1.9 2.6	42,115,278 30,979,527	1,338,142 1,003,804	39,388,156 29,288,894	1,388,978 686,829	3.2 3.2	93.5 94.6	2.3 2.2
Boots and shoes, includ- ing cut stock and find- ings.	1914 1909	136 148	111 87	62 61	27,561 21,627	2,590 2,602	15,417 11,870	9,554 7,155	12.4 9.0	55.9 54.9	34.7 33.1	71,412,755 48,185,914	5,659,013 5,359,600	38,246,489 25,292,162	27,507,253 17,534,152	7.9 11.1	53.6 52.5	38.5 36.4
Boxes, fancy and paper..	1914 1909	116 138	135 82	80 95	14,192 11,538	2,392 3,464	9,985 5,774	1,815 2,300	16.9 30.0	70.4 50.0	12.8 19.9	21,692,085 14,233,672	3,543,072 4,294,307	15,453,880 6,757,156	2,695,133 3,182,209	16.3 30.2	71.2 47.6	12.4 22.4
Bread and other bakery products.	1914 1909	3,630 3,542	203 125	416 311	27,002 21,357	12,273 12,362	12,466 7,049	2,263 1,946	45.5 57.9	46.2 33.0	8.4 9.1	109,227,959 86,232,985	48,684,066 51,522,487	51,033,433 26,100,614	9,510,460 8,609,884	44.6 59.7	46.7 30.3	8.7 10.6
Butter, cheese, and con- densed milk.....	1914 1909	608 893	237 208	299 451	3,235 2,866	559 616	2,228 1,541	448 709	17.3 20.5	68.9 53.8	13.8 24.7	43,262,309 42,458,345	11,485,975 12,793,485	24,256,476 19,120,508	7,519,858 11,143,352	26.5 30.1	56.1 43.6	17.4 26.2
Canning and preserving..	1914 1909	677 475	129 126	181 189	8,757 7,075	1,796 1,692	5,992 4,509	969 874	21.5 23.9	68.4 63.7	11.1 12.4	25,944,634 19,038,735	4,284,482 4,670,491	19,120,521 11,795,831	2,510,660 2,572,413	16.5 24.5	73.7 62.0	9.8 13.5
Carriages and wagons and materials.	1914 1909	431 414	53 65	120 131	3,911 6,116	1,700 2,116	1,509 3,084	702 916	43.5 34.6	38.6 50.4	17.9 15.0	8,759,119 13,292,531	3,515,157 4,434,217	3,805,221 7,262,504	1,438,741 1,605,760	40.1 33.4	43.4 54.0	16.3 12.1
Chemicals.....	1914 1909	10 12	57 58	3 4	7,780 5,746	1,167 105	7,613 5,629	..... 12	2.1 1.8	97.9 98.0	..... 0.2	42,876,880 35,346,072	1,440,942 749,025	41,435,938 34,522,829	..... 74,218	3.4 2.1	96.6 97.7	..... 0.2

¹ Includes the group "all others," to avoid disclosure of individual operations.

Table 24—Continued.

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.						
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.				
Clothing, men's, includ- ing shirts.	1914 1909	1,350 1,648	250 216	1,027 1,119	81,370 91,363	22,758 30,630	25,182 22,913	33,430 37,820	28.0 33.5	30.9 25.1	41.1 41.4	\$238,626,691 266,075,427	\$42,945,453 51,761,642	\$73,106,830 66,207,030	\$122,574,408 148,106,755	18.0 19.5	30.6 24.9	51.4 55.7				
Clothing, women's.....	1914 1909	1,671 1,470	510 267	1,654 1,346	108,393 98,104	32,795 33,552	24,414 16,115	51,184 48,437	30.3 34.2	22.5 16.4	47.2 49.4	345,315,642 272,517,792	98,794,029 89,237,856	78,637,389 45,593,696	167,884,224 137,686,240	28.6 32.7	22.8 16.7	48.6 50.5				
Confectionery.....	1914 1909	176 105	101 86	72 58	10,768 8,570	2,869 2,043	6,419 4,605	1,480 1,922	26.6 23.8	59.6 53.7	13.7 22.4	34,070,463 20,540,394	8,975,568 6,101,430	20,188,858 13,235,310	4,906,037 6,203,654	26.3 23.9	59.3 51.8	14.4 24.3				
Copper, tin, and sheet- iron products.	1914 1909	443 357	212 185	136 144	16,040 14,689	2,284 2,176	12,884 10,866	872 1,647	14.2 14.8	80.3 74.0	5.4 11.2	44,821,655 38,452,127	6,476,564 5,723,130	35,964,230 28,814,764	2,380,861 9,914,233	14.4 14.9	80.2 74.9	5.3 10.2				
Cotton goods, including cotton small wares.	1914 1909	10 8	31 3	10 6	9,127 10,663	108 110	8,655 10,244	364 309	1.2 1.0	94.8 96.1	4.0 2.9	18,464,811 20,351,555	421,599 579,535	17,135,555 18,981,258	907,657 790,762	2.3 2.8	92.8 93.3	4.9 3.9				
Dyeing and finishing textiles.	1914 1909	34 31	43 34	22 16	5,514 5,252	366 422	4,784 4,496	364 334	6.6 8.0	85.8 85.6	6.6 6.4	16,302,576 9,673,228	1,167,800 1,119,383	13,850,983 6,715,938	1,283,733 1,837,907	7.2 11.0	85.0 69.4	7.9 19.0				
Electrical machinery, ap- paratus, and supplies.	1914 1909	50 52	151 145	20 14	23,738 18,972	553 428	23,079 18,270	106 284	2.3 2.3	97.2 96.2	0.4 1.5	73,944,708 49,289,815	1,637,412 1,338,210	71,990,474 47,326,035	316,822 625,570	2.2 2.7	97.4 96.0	0.4 1.3				
Flour-mill and gristmill products.	1914 1909	515 591	130 121	246 271	3,070 2,990	650 771	2,014 1,761	406 468	21.2 25.8	65.6 58.6	13.2 15.7	77,408,764 69,802,278	10,500,186 12,859,782	58,721,082 48,012,542	8,097,496 8,929,954	13.7 18.4	75.9 68.8	10.5 12.8				
Food preparations, not elsewhere specified.	1914 1909	147 88	93 53	47 36	4,031 3,023	315 293	3,301 2,171	415 589	7.8 8.7	81.9 71.8	10.3 19.5	32,165,811 17,324,076	1,942,221 1,630,683	5,369,882 13,686,749	4,853,608 2,006,644	6.0 9.4	78.9 79.0	15.1 11.6				
Foundry and machine- shop products.	1914 1909	1,342 731	1,254 812	497 329	66,090 64,066	5,951 6,809	56,271 51,210	4,468 6,047	8.9 10.6	84.4 79.9	6.7 9.4	173,429,715 154,370,346	13,429,014 14,728,284	146,807,368 126,936,241	13,192,433 12,705,821	7.7 9.5	84.6 82.2	7.6 8.2				
Fur goods.....	1914 1909	416 397	62 47	399 419	5,904 8,244	1,834 2,693	904 1,281	4,820 4,820	31.7 32.1	15.3 14.9	53.6 52.4	30,312,136 41,301,451	8,289,714 12,246,801	5,499,257 6,800,329	16,523,165 22,254,321	27.3 29.7	81.1 16.5	54.5 53.9				
Furnishing goods, men's.	1914 1909	152 201	87 56	107 118	17,495 18,186	1,615 2,474	12,944 11,255	2,936 4,457	9.2 13.6	74.0 61.9	16.8 24.5	45,385,505 42,197,117	6,382,887 8,180,665	29,001,836 20,098,441	10,000,782 13,918,011	14.1 19.4	63.9 47.6	22.0 33.0				
Furniture and refrigera- tors.	1914 1909	322 287	286 229	150 160	22,153 20,281	2,379 3,296	16,401 13,136	3,873 3,849	10.7 16.3	74.0 64.8	15.2 19.0	49,849,300 41,928,774	5,883,595 7,714,053	36,445,065 26,186,512	7,520,640 8,078,209	11.8 18.4	73.1 62.3	15.1 19.3				
Gas, illuminating and heating.	1914 1909	6 8	120 128	5 5	10,090 6,422	4 7	10,081 6,413	5 0	0.0 0.1	99.9 99.9	0.0	52,815,589 42,346,726	6,090 18,405	52,789,594 42,319,897	19,905 8,424	0.0 0.0	99.9 99.9	0.0				
Hats, fur-felt.....	1914 1909	21 24	12 11	6 9	3,583 5,013	344 423	3,165 3,949	54 641	9.7 8.4	88.8 78.8	1.5 12.8	6,637,380 10,218,660	1,187,897 1,558,550	5,268,155 7,029,231	181,328 1,630,879	17.9 15.3	79.4 68.8	2.7 16.0				
Hosiery and knit goods..	1914 1909	198 131	176 156	109 73	40,095 35,950	3,347 3,634	31,610 25,085	5,138 7,231	8.3 10.1	78.8 69.8	12.8 20.1	78,229,235 67,130,296	6,874,623 7,360,501	62,761,789 45,800,063	8,592,823 13,969,732	8.8 11.0	68.2 80.2	11.0 20.8				
Jewelry.....	1914 1909	313 277	87 53	166 149	5,051 5,379	1,398 1,714	1,795 1,412	1,858 2,263	27.7 31.9	35.5 26.3	36.8 41.9	21,810,245 20,362,620	5,859,871 5,891,732	6,972,679 4,887,475	9,777,695 5,883,413	26.9 28.9	32.0 24.0	41.2 47.1				
Leather goods.....	1914 1909	370 272	98 74	137 137	7,473 7,586	1,817 2,223	2,748 2,600	2,908 2,763	24.3 29.3	36.8 34.3	38.9 36.4	21,796,980 20,996,602	5,077,907 5,883,479	7,757,691 7,300,723	8,961,382 7,812,400	23.3 28.0	35.6 34.8	41.1 37.2				
Leather, tanned, curried, and finished.	1914 1909	30 41	32 33	36 35	5,360 5,688	816 1,133	2,604 2,827	1,940 1,728	15.2 19.9	48.6 49.7	36.2 30.4	36,018,342 27,642,383	3,234,642 3,783,188	17,003,237 14,656,548	15,780,463 9,202,647	9.0 13.7	47.2 53.0	43.8 33.3				
Liquors, malt.....	1914 1909	16 24	129 143	8 7	9,826 8,731	675 1,145	9,042 7,363	109 223	6.9 13.1	92.0 84.3	1.1 2.6	85,673,426 77,720,045	6,634,825 10,989,795	78,441,471 65,444,071	597,130 17,812,400	7.7 14.1	91.6 84.2	0.7 1.7				
Lumber and timber products.	1914 1909	1,013 1,446	378 347	385 470	21,503 27,471	4,263 7,141	13,766 14,801	3,474 5,529	19.8 26.0	64.0 53.9	16.2 20.1	59,748,330 72,529,813	10,126,967 16,730,064	39,907,251 42,060,223	9,714,112 13,739,526	16.9 23.1	66.8 58.0	16.3 18.9				
Malt.....	1914 1909	5 12	18 17	2 3	533 524	164 106	469 469	..... 9	12.0 19.0	88.0 78.1	..... 1.7	12,380,622 11,051,078	1,733,115 1,174,874	11,647,507 9,717,011	..... 159,193	5.9 10.6	94.1 87.9	..... 1.4
Marble and stone work..	1914 1909	282 375	124 106	145 174	4,798 6,939	914 1,968	2,980 3,510	904 1,461	19.0 28.4	62.1 50.6	18.8 21.1	13,324,209 17,921,285	2,805,037 4,968,149	8,081,423 8,975,080	2,437,749 3,978,056	21.1 27.7	60.6 50.1	18.3 22.2				
Mattresses and spring beds.	1914 1909	121 109	32 30	44 29	1,966 1,621	545 608	754 648	697 365	27.3 37.5	37.8 40.0	34.9 22.5	6,496,972 5,898,625	1,946,767 2,328,685	2,460,070 2,208,518	2,090,135 1,361,422	30.0 39.5	37.9 37.4	32.2 23.1				
Millinery and lace goods.	1914 1909	637 461	245 128	426 342	26,124 21,078	7,422 6,773	9,327 4,740	9,375 9,565	28.4 32.1	35.7 22.5	35.9 45.4	72,328,556 52,106,200	19,714,010 16,495,172	23,533,026 12,614,396	29,081,520 22,996,632	27.3 31.7	32.5 24.2	40.2 44.1				
Musical instruments, pianos and organs and materials.	1914 1909	25 55	114 103	21 26	12,602 11,938	628 1,744	11,653 8,582	320 1,612	5.0 14.6	92.5 71.9	2.5 13.5	33,071,781 33,679,953	2,393,702 5,744,849	29,907,739 25,073,579	770,340 2,861,525	7.2 17.1	90.4 74.4	2.3 8.5				
Paint and varnish.....	1914 1909	39 36	91 94	20 17	3,450 3,047	300 402	2,836 2,449	314 196	8.7 13.2	82.2 80.4	9.1 6.4	31,884,421 28,559,474	2,334,956 3,799,639	26,554,871 24,711,977	2,994,594 3,847,838	7.3 13.3	83.3 79.5	9.4 7.2				
Paper and wood pulp....	1914 1909	16 21	119 141	15 16	13,570 12,073	234 273	13,108 11,520	228 280	1.7 2.3	96.6 95.4	1.7 2.3	56,335,681 48,859,610	944,718 957,261	54,642,321 46,927,098	748,642 975,251	1.7 2.0	97.0 96.0	1.3 2.0				
Patent medicines and compounds and drug- gists' preparations.	1914 1909	309 295	409 350	88 98	5,699 4,728	675 645	4,609 3,506	415 577	11.8 13.6	80.9 74.2	7.3 12.2	41,796,235 37,343,083	3,443,539 3,808,527	35,495,063 29,496,263	2,857,650 4,088,293	8.2 10.2	84.9 79.0	6.8 10.8				
Photographic apparatus and materials.	1914 1909	18 13	33 25	3 4	7,426 4,088	41 88	7,379 3,979	21 6	0.6 2.2	99.4 97.3	0.1 0.5	35,174,339 18,763,929	102,107 293,704	35,052,447 18,406,855	14,785 63,370	0.3 1.6	99.7 98.1	(1) 0.3				
Printing and publishing.	1914 1909	2,379 2,309	1,643 1,341	784 776	64,020 63,120	10,972 10,736	47,410 45,044	5,638 7,340	17.1 17.0	74.1 71.4	8.8 11.6	257,268,671 216,946,432	28,541,072 34,420,640	208,953,546 161,017,212	19,774,053 21,508,630	11.1 15.9	81.2 74.2	7.7 9.9				
Shipbuilding, including boat building.	1914 1909	129 169	39 44	39 42	6,076 5,644	697 981	4,935 4,153	444 511	11.5 17.4	81.2 73.6	7.3 9.0	14,195,298 11,467,189	1,619,349 2,049,969	11,493,607 8,204,107	1,142,342 1,163,113	11.4 18.0	80.5 71.9	8.0 10.2				
Silk goods, including throwsters.	1914 1909	39 45	75 84	29 41	11,659 12,903	860 1,607	8,702 8,770	2,097 2,526	7.4 12.5	74.6 68.0	18.0 19.6	29,260,763 26,518,821	2,126,468 2,606,387	18,665,119 17,815,957	8,469,176 6,096,477	7.3 9.8	63.8 67.2	23.9 23.0				

1 Less than one-tenth of 1 per cent.

MANUFACTURES.

Table 24—Continued.

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—						AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		OWNED BY—			Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.									
		Indi- viduals.	Cor- pora- tions.	All oth- ers.		Indi- viduals.	Cor- pora- tions.	All oth- ers.	Indi- viduals.	Cor- pora- tions.	All oth- ers.		Indi- viduals.	Cor- pora- tions.	All oth- ers.	Indi- viduals.	Cor- pora- tions.	All oth- ers.							
																			Indi- viduals.	Cor- pora- tions.	All oth- ers.	Indi- viduals.	Cor- pora- tions.	All oth- ers.	
Slaughtering and meat packing.	1914	214	55	68	6,641	983	5,023	635	14.8	75.6	9.6	\$148,105,659	\$18,241,291	\$113,530,919	\$16,333,449	12.3	70.7	11.0							
	1909	146	42	50	6,110	949	4,224	937	15.5	69.1	15.3	127,130,051	17,134,693	84,830,929	25,164,429	13.5	66.7	19.8							
Soap.....	1914	20	36	9	3,168	140	3,024	4	4.4	95.5	0.1	27,526,199	1,695,793	25,793,857	36,549	6.2	93.7	0.1							
	1909	27	31	9	2,976	423	2,243	310	14.2	75.4	10.4	23,582,977	2,932,231	18,707,939	1,942,807	12.4	79.3	8.2							
Tobacco manufactures...	1914	2,443	157	271	30,489	6,763	19,262	4,464	22.2	63.2	14.6	88,079,588	13,972,319	62,864,402	11,242,867	15.9	71.4	12.8							
	1909	2,926	120	325	30,019	9,160	14,256	6,603	30.5	47.5	22.0	76,661,552	18,038,101	42,153,875	16,464,576	23.5	55.0	21.5							
Typewriters and supplies.	1914	19	38	4	4,446	110	4,288	48	2.5	96.4	1.1	12,252,046	548,464	11,494,222	209,360	4.5	93.8	1.7							
	1909	10	27	6	4,538	131	4,343	64	2.9	95.7	1.4	10,298,038	545,917	9,468,618	283,503	5.3	91.9	2.8							
Woolen, worsted, and felt goods, and wool hats.	1914	10	32	9	8,552	414	7,017	1,121	4.8	82.1	13.1	21,098,096	1,433,037	17,253,368	2,406,693	6.8	81.8	11.4							
	1909	14	33	17	9,460	96	7,931	1,433	1.0	83.8	15.1	23,739,421	200,029	19,766,276	3,773,116	0.8	83.3	15.9							
Total for cities 1....	1914	20,605	9,844	8,627	904,817	153,298	577,577	173,942	16.9	63.8	19.2	3,319,199,163	457,870,927	2,238,428,769	622,899,467	13.8	67.4	18.8							
ALBANY.....	1914	273	114	89	9,371	1,063	6,448	1,860	11.3	68.8	19.8	25,211,390	3,172,376	17,600,280	4,438,734	12.6	69.8	17.6							
AMSTERDAM.....	1914	53	35	29	10,774	248	8,436	2,090	2.3	78.3	19.4	22,474,691	739,859	16,773,410	4,956,222	3.3	74.0	22.1							
AUBURN.....	1914	58	37	28	5,769	916	4,689	164	15.9	81.3	2.8	16,686,249	1,603,755	14,685,229	397,265	9.6	88.0	2.4							
BATAVIA.....	1914	28	17	12	2,457	146	2,170	141	5.9	88.3	5.7	5,339,872	367,048	4,565,041	387,693	6.9	85.9	7.3							
BEACON.....	1914	21	13	7	1,806	157	1,123	526	8.7	62.2	29.1	3,519,574	564,593	2,068,711	888,270	16.0	67.7	25.2							
BINGHAMTON.....	1914	124	82	39	7,248	501	6,360	387	6.9	87.7	5.3	18,359,516	1,182,488	16,219,899	957,129	6.4	88.3	5.2							
BUFFALO.....	1914	1,210	706	309	54,416	5,373	45,708	3,335	9.9	84.0	6.1	247,516,476	18,473,036	215,703,557	13,336,883	7.5	87.1	5.4							
COHOES.....	1914	41	47	18	5,781	357	5,190	234	6.2	89.8	4.0	11,706,461	884,095	10,509,733	312,573	7.6	89.8	2.7							
CORNING.....	1914	25	20	13	2,203	194	1,947	62	8.8	88.4	2.8	3,954,226	418,851	3,421,377	113,998	10.6	86.5	2.9							
CORTLAND.....	1914	22	22	15	2,459	48	2,299	112	2.0	93.5	4.6	6,437,659	168,974	5,616,223	682,462	2.6	87.2	16.1							
DUNKIRK.....	1914	29	26	7	2,989	36	2,934	19	1.2	98.2	0.6	8,366,767	147,524	8,137,304	81,939	1.8	97.3	0.9							
ELMIRA.....	1914	76	49	20	4,870	437	4,307	126	9.0	88.4	2.6	12,597,024	1,119,671	11,000,506	386,847	8.9	88.0	3.1							
FULTON.....	1914	23	28	-----	3,042	59	2,983	-----	1.9	98.1	-----	9,571,962	270,356	9,301,606	-----	2.8	97.2	-----							
GENEVA.....	1914	21	22	9	1,692	96	1,550	46	5.7	91.6	2.7	5,240,962	269,488	4,833,616	87,858	5.1	93.2	1.7							
GLENS FALLS.....	1914	36	28	18	2,532	157	2,106	269	6.2	83.2	10.6	6,535,019	448,589	5,473,623	612,812	6.9	83.8	9.4							
GLOVERSVILLE.....	1914	113	39	59	5,335	1,218	1,837	2,280	22.8	34.4	42.7	13,384,213	2,594,673	5,571,117	5,218,423	19.4	41.0	39.0							
HORNELL.....	1914	18	20	8	2,285	28	2,231	26	1.2	97.6	1.1	4,847,594	96,595	4,640,127	110,872	2.0	95.7	2.3							
HUDSON.....	1914	25	16	7	1,423	70	1,312	41	4.9	92.2	2.9	3,736,941	182,808	3,432,282	121,851	4.9	91.8	3.3							
ITHACA.....	1914	36	21	17	815	205	511	99	25.2	62.7	12.1	2,243,892	551,804	1,470,350	221,738	24.6	65.5	9.9							
JAMESTOWN.....	1914	41	80	41	7,794	131	6,465	1,198	1.7	82.9	15.4	17,961,429	365,505	15,256,562	2,339,362	2.0	84.9	13.0							
JOHNS TOWN.....	1914	59	17	50	2,532	57	1,345	1,345	22.6	24.2	53.1	6,788,636	1,252,154	1,640,237	3,896,245	18.4	24.2	57.4							
KINGSTON.....	1914	57	37	24	3,076	282	2,271	523	9.2	73.8	17.0	6,445,455	1,047,407	4,805,530	592,518	16.2	74.6	9.2							
LITTLE FALLS.....	1914	19	18	12	3,828	97	3,401	325	2.5	89.0	8.5	9,927,246	438,602	8,030,126	1,458,518	4.4	80.9	14.7							
LOCKPORT.....	1914	51	45	21	2,381	206	1,997	178	8.6	83.9	7.5	8,954,931	481,759	8,055,100	418,072	5.4	90.0	4.7							
MIDDLETOWN.....	1914	49	19	9	1,989	327	1,353	309	16.4	68.0	15.5	4,442,792	1,048,911	2,752,130	631,751	23.6	61.9	14.4							
MOUNT VERNON.....	1914	78	32	23	1,346	246	782	318	13.8	58.1	23.6	3,167,173	611,322	1,921,065	644,736	19.3	60.7	20.0							
NEW ROCHELLE.....	1914	40	9	12	870	177	612	81	20.3	70.3	9.3	1,736,198	407,252	1,155,240	173,706	23.5	66.5	10.0							
NEW YORK CITY.....	1914	15,771	6,756	7,094	585,279	126,839	312,747	145,693	13.7	53.4	24.9	2,292,831,693	388,956,620	1,355,755,281	548,119,792	17.0	59.1	23.0							
BRONX BOROUGH.....	1914	796	299	176	19,387	2,525	14,416	2,446	21.0	74.4	12.6	58,708,792	8,122,494	44,872,927	5,713,371	13.8	78.4	9.7							
BROOKLYN BOROUGH.....	1914	3,692	1,286	1,118	140,881	25,748	89,653	25,480	18.3	63.6	18.1	515,302,755	61,770,252	359,267,657	94,264,846	12.0	60.7	18.3							
MANHATTAN BOROUGH.....	1914	10,561	4,849	5,677	385,902	95,267	175,597	115,038	24.7	45.5	29.8	1,519,143,429	307,835,829	770,663,104	440,644,496	20.3	50.7	29.0							
QUEENS BOROUGH.....	1914	598	271	106	31,630	2,672	26,487	2,471	8.4	83.7	7.8	164,789,481	7,995,836	149,817,936	6,975,709	4.9	90.9	4.2							
RICHMOND BOROUGH.....	1914	124	51	17	7,479	627	6,594	258	8.4	88.2	3.4	34,887,236	3,232,209	31,133,657	6,217,309	9.3	89.2	1.5							
NEWBURGH.....	1914	67	46	15	4,318	230	3,738	350	5.3	86.6	8.1	9,986,564	649,968	8,784,892	551,704	6.5	88.0	5.5							
NIAGARA FALLS.....	1914	49	33	24	9,390	159	9,074	157	1.7	96.6	1.7	44,816,698	537,920	43,440,770	838,008	1.2	96.9	1.9							
NORTH TONAWANDA.....	1914	32	42	-----	3,574	142	3,432	-----	4.0	96.0	-----	10,040,356	462,390	9,577,966	-----	4.6	95.4	-----							
OGDENSBURG.....	1914	38	26	7	898	168	704	26	18.7	78.4	2.9	3,401,045	493,861	2,789,800	117,384	14.5	82.0	3.5							
OLEAN.....	1914	18	24	11	2,633	134	2,342	157	5.1	88.9	6.0	11,577,282	735,146	10,480,172	361,964	6.3	90.5	3.1							
ONEONTA.....	1914	18	8	10	1,337	50	1,170	117	3.7	87.5	8.8	2,372,506	177,570	1,489,912	705,024	7.5	62.8	29.7							
OSSINGO.....	1914	22	10	-----	373	124	249	-----	33.2	66.8	-----	1,120,081	200,039	920,042	-----	17.9	82.1	-----							
OSWEGO.....	1914	29	38	9	4,331	647	3,513	171	14.9	81.1	3.9	12,650,095	1,525,619	10,797,381	327,095	12.1	85.4	2.6							
PEESKILL.....	1914	23	17	13	1,781	127	1,494	160	7.1	83.9	9.0	8,301,992	291,800	7,687,497	321,795	3.5	92.9	3.9							
PLATTSBURG.....	1914	13	15	11	822	53	703	66	6.4	85.5	8.0	1,883,867	150,679	1,572,804	160,384	8.0	83.5	8.6							
PORT CHESTER.....	1914	29	14	7	2,278	59	2,167	52	2.6	95.1	2.3	6,741,228	249,586	6,416,531	75,111	3.7	95.2	1.1							
POUGHKEEPSIE.....	1914	85	62	29	4,729	496	3,971	262	10.5	84.0	5.5	12,791,325	1,583,733	10,466,062	741,530	12.4	81.8	5.8							
RENSSELAER.....	1914	22	10	-----</																					

products and of the total average number of wage earners. The corresponding proportions for 1909 were considerably less.

The manufacture of illuminating gas shows the greatest proportion of the total value of products reported by establishments under the corporate form of ownership, namely, 99.9 per cent. More than four-fifths of the bakeries were owned by individuals, but a slightly larger proportion of the total value of bakery products was reported by corporations than by bakeries owned by individuals.

In 1914 the largest proportion of the total value of products for all but 7 of the 48 industries, for which separate statistics are given in Table 24, is shown for corporate ownership.

Establishments owned by individuals at each census

exceeded the combined number of those under corporate and all other forms of ownership, but the proportion of the value of products reported for this class, however, was less than 20 per cent at each census.

The cities in general reflect the same condition as that which prevails in a majority of the industries, namely, a preponderance of establishments owned by individuals but the greater proportion of wage earners and value of products reported by corporations. In 17 of the cities enumerated, more than 90 per cent of all manufactures, as measured by value, was reported by establishments under corporate control.

Size of establishments.—The tendency of manufacturing to become concentrated in large establishments is indicated by the statistics given in Table 25.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904
All classes	48,203	44,935	37,194	1,057,857	1,003,981	856,947	\$3,814,661,114	\$3,369,490,192	\$2,488,345,579	\$1,706,053,753	\$1,512,585,850	\$1,139,742,293
Less than \$5,000	14,096	12,274	10,338	16,715	15,130	14,734	34,214,319	29,649,739	25,515,212	22,961,677	18,996,135	16,635,765
\$5,000 to \$20,000	16,424	15,325	13,352	83,327	83,503	80,345	172,391,842	165,058,226	138,932,903	98,650,954	93,919,002	79,360,544
\$20,000 to \$100,000	11,523	11,614	9,111	194,772	211,736	188,008	516,488,400	515,939,471	405,215,693	286,746,688	236,722,940	217,005,036
\$100,000 to \$1,000,000	5,613	5,252	4,099	453,654	438,229	393,872	1,521,389,346	1,412,874,684	1,102,583,634	720,791,337	664,347,244	531,335,282
\$1,000,000 and over	547	470	294	309,389	255,383	179,488	1,570,177,207	1,245,968,072	816,099,837	596,903,097	468,600,529	295,405,666
PER CENT DISTRIBUTION.												
All classes	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000	29.2	27.3	27.8	1.6	1.5	1.7	0.9	0.9	1.0	1.3	1.3	1.5
\$5,000 to \$20,000	34.1	34.1	35.9	7.9	8.3	9.4	4.5	4.9	5.6	5.8	6.2	7.0
\$20,000 to \$100,000	23.9	25.8	24.5	18.4	21.1	21.9	13.5	15.3	16.3	15.6	17.6	19.0
\$100,000 to \$1,000,000	11.6	11.7	11.0	42.9	43.7	46.0	39.9	41.9	44.3	42.2	43.9	46.6
\$1,000,000 and over	1.1	1.0	0.8	29.2	25.4	20.9	41.2	37.0	32.8	35.0	31.0	25.9

Of the 48,203 establishments in the state in 1914, only 547, or 1.1 per cent, manufactured products exceeding \$1,000,000 in value. These establishments, however, gave employment to an average of 309,389 wage earners, or 29.2 per cent of the total number in all establishments, and reported 41.2 per cent of the value of products, and 35 per cent of the total value added by manufacture. In the same year the very small establishments—that is, those having products valued at less than \$5,000—constituted a considerable proportion (29.2 per cent) of the total number of establishments, but the value of their products amounted to only nine-tenths of 1 per cent of the total. Over four-fifths of the manufacturing reported for the state was done in establishments having products valued at not less than \$100,000.

During the decade ending with 1914 there was a considerable increase in the relative importance of the large establishments, those reporting products of at least \$1,000,000 in value, and a corresponding decrease in all other classes.

From 1909 to 1914 the average value of products per establishment increased from \$74,986 to \$79,137 and the value added by manufacture from \$33,662 to \$35,393. These increased values may be due, in part, to the general rise that has taken place in prices. The

average number of wage earners per establishment was 22 at each of the last two censuses.

Table 26 gives, for 1914 and 1909, for 48 of the more important industries, a classification of establishments, wage earners, value of products, and value added by manufacture, similar to that presented in Table 25 for all industries combined.

Twenty-one of the industries in the preceding table show an increase in establishments having products valued at \$1,000,000 or more. The manufacture of carriages and wagons and materials, marble and stone work, and bakery products are conducted chiefly in rather small establishments, while the manufacture of chemicals, photographic apparatus and supplies, malt liquors, malt, and slaughtering and meat packing are conducted mainly in the comparatively large establishments. Of the industries shown separately, the largest establishments are in the slaughtering and meat-packing industry, and the smallest, in the carriage and wagon industry.

The relative increase from 1909 to 1914, in the value of the output of the very large establishments, was greatest in the manufacture of confectionery, hosiery and knit goods, malt, paper and wood pulp, tobacco, and in the tanning, currying, and finishing of leather.

MANUFACTURES.

Among the industries carried on largely in small establishments, the greatest increase in value of production was shown for the carriage and wagon, fur goods, and marble and stone work industries.

Table 26 INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1914		1909		1914		1909		1914		1909		1914		1909	
	Per cent distribution.		Per cent distribution.		Per cent distribution.		Per cent distribution.		Per cent distribution.		Per cent distribution.		Per cent distribution.		Per cent distribution.	
	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909
AGRICULTURAL IMPLEMENTS.	50	57	100.0	100.0	5,392	5,717	100.0	100.0	\$14,576,694	\$14,970,980	100.0	100.0	\$7,503,489	\$8,556,330	100.0	100.0
Less than \$5,000.....	13	13	26.0	22.8	9	14	0.2	0.2	36,840	30,602	0.3	0.2	21,758	19,647	0.3	0.2
\$5,000 to \$20,000.....	7	12	14.0	21.1	63	47	1.2	0.8	95,426	109,650	0.6	0.7	54,377	62,123	0.7	0.7
\$20,000 to \$100,000.....	14	17	28.0	29.8	253	432	4.7	7.6	687,888	911,827	4.7	6.1	442,474	560,949	5.9	6.6
\$100,000 to \$1,000,000.....	11	10	22.0	17.5	743	967	13.8	16.9	2,214,344	3,298,526	15.2	22.0	1,249,167	1,567,281	16.6	18.3
\$1,000,000 and over.....	5	5	10.0	8.8	4,324	4,257	80.2	74.5	11,542,196	10,620,375	79.2	70.9	5,735,713	6,346,325	76.4	74.2
ARTIFICIAL FLOWERS AND FEATHERS AND PLUMES.	369	319	100.0	100.0	7,715	8,493	100.0	100.0	16,455,637	21,162,385	100.0	100.0	8,298,041	8,903,927	100.0	100.0
Less than \$5,000.....	69	40	18.7	12.5	126	104	1.6	1.2	175,081	110,646	1.1	0.5	109,387	73,313	1.3	0.8
\$5,000 to \$20,000.....	113	106	30.6	33.2	833	905	10.8	10.7	1,248,204	1,162,919	7.6	5.5	747,230	716,907	9.0	8.0
\$20,000 to \$100,000.....	138	126	37.4	39.5	2,947	3,426	38.2	40.3	6,134,726	6,389,101	37.3	30.2	3,116,262	3,229,479	37.6	36.3
\$100,000 and over.....	49	47	13.3	14.7	3,809	4,058	49.4	47.8	8,897,626	13,490,719	54.1	63.8	4,225,162	4,884,228	52.1	54.9
AUTOMOBILES, INCLUDING BODIES AND PARTS.	247	113	100.0	100.0	12,122	9,861	100.0	100.0	42,115,276	30,979,527	100.0	100.0	20,139,486	16,071,425	100.0	100.0
Less than \$5,000.....	43	11	17.4	9.7	44	14	0.4	0.1	123,068	29,928	0.3	0.1	89,140	19,805	0.4	0.1
\$5,000 to \$20,000.....	94	21	38.1	18.6	427	118	3.5	1.2	960,425	260,049	2.3	0.8	595,929	151,859	3.0	0.9
\$20,000 to \$100,000.....	57	44	23.1	38.9	932	925	7.7	9.4	2,459,531	2,167,178	5.8	7.0	1,439,610	1,303,796	7.1	8.1
\$100,000 to \$1,000,000.....	45	30	18.2	26.5	4,400	3,074	36.3	31.2	14,298,885	9,367,680	34.0	30.2	6,500,225	4,931,341	32.6	30.7
\$1,000,000 and over.....	8	7	3.2	6.2	6,319	5,730	52.1	58.1	24,278,367	19,154,692	57.6	61.8	11,454,582	9,604,564	56.9	60.1
BOOTS AND SHOES, INCLUDING CUT STOCK AND FINDINGS.	309	296	100.0	100.0	27,561	21,627	100.0	100.0	71,412,755	48,185,914	100.0	100.0	28,363,804	19,211,403	100.0	100.0
Less than \$5,000.....	54	57	17.5	19.3	91	107	0.3	0.5	152,663	161,733	0.2	0.3	91,073	93,546	0.3	0.5
\$5,000 to \$20,000.....	32	81	26.5	27.4	533	579	1.9	2.7	847,052	919,022	1.2	1.9	449,953	456,073	1.6	2.4
\$20,000 to \$100,000.....	82	74	26.5	25.0	2,390	1,913	8.7	8.9	4,610,162	3,588,566	6.5	7.4	2,101,634	1,661,113	7.4	8.6
\$100,000 to \$1,000,000.....	75	71	24.3	24.0	10,427	9,858	37.8	45.6	26,168,138	21,019,139	36.6	43.6	11,163,802	8,955,348	39.4	46.6
\$1,000,000 and over.....	16	13	5.2	4.4	14,120	9,165	51.2	42.4	39,634,740	22,497,454	55.5	46.7	14,567,342	8,044,723	51.3	41.9
BOXES, FANCY AND PAPER.	331	315	100.0	100.0	14,192	11,538	100.0	100.0	21,692,085	14,233,672	100.0	100.0	12,043,705	8,120,837	100.0	100.0
Less than \$5,000.....	32	31	9.7	9.8	88	102	0.6	0.9	89,291	89,071	0.4	0.6	57,897	60,543	0.5	0.7
\$5,000 to \$20,000.....	86	86	26.0	27.3	820	890	5.8	7.7	1,095,533	1,075,851	5.0	7.6	630,638	634,356	5.2	7.8
\$20,000 to \$100,000.....	171	166	51.7	52.7	5,561	5,668	39.2	49.1	7,888,431	7,282,950	36.4	51.2	4,437,424	4,178,573	36.8	51.5
\$100,000 and over.....	142	32	12.7	10.2	7,723	4,878	54.4	42.3	12,618,830	5,785,800	58.2	40.6	6,917,746	3,247,355	57.4	40.0
BREAD AND OTHER BAKERY PRODUCTS.	4,249	3,978	100.0	100.0	27,002	21,357	100.0	100.0	109,227,959	86,232,985	100.0	100.0	49,593,070	33,494,514	100.0	100.0
Less than \$5,000.....	778	778	18.3	19.6	560	613	2.1	2.9	2,324,913	2,300,248	2.1	2.7	1,000,138	995,025	2.0	3.0
\$5,000 to \$20,000.....	2,541	2,264	59.8	56.9	7,155	6,252	26.5	29.3	27,979,669	25,181,831	25.6	29.2	11,522,327	9,804,702	23.2	29.3
\$20,000 to \$100,000.....	821	852	19.3	21.4	6,954	6,570	25.8	30.8	27,649,879	28,551,604	25.3	33.1	11,111,957	10,802,319	22.4	32.4
\$100,000 and over ¹	109	84	2.6	2.1	12,333	7,922	45.7	37.1	51,273,502	30,199,302	46.9	35.0	25,958,648	11,832,408	52.3	35.3
BUTTER, CHEESE, AND CONDENSED MILK.	1,144	1,552	100.0	100.0	3,235	2,866	100.0	100.0	43,262,309	42,458,345	100.0	100.0	6,283,011	6,297,278	100.0	100.0
Less than \$5,000.....	73	142	6.4	9.2	33	55	1.0	1.9	249,669	456,707	0.6	1.1	28,786	76,830	0.5	1.2
\$5,000 to \$20,000.....	643	964	56.2	62.1	443	642	13.7	22.4	7,552,934	10,804,844	17.5	25.4	654,662	1,233,478	10.4	19.6
\$20,000 to \$100,000.....	339	393	29.6	25.3	6,777	8,227	20.9	28.9	12,595,339	14,498,624	29.1	34.1	1,479,192	1,674,240	23.5	26.6
\$100,000 and over ¹	89	53	7.8	3.4	2,082	1,342	64.4	46.8	22,864,367	16,698,170	52.8	39.3	4,120,371	3,312,730	65.6	52.6
CANNING AND PRESERVING.	987	790	100.0	100.0	8,757	7,075	100.0	100.0	25,944,634	19,039,735	100.0	100.0	9,987,274	7,370,950	100.0	100.0
Less than \$5,000.....	633	410	64.1	51.9	842	487	9.6	6.9	1,099,648	911,617	4.2	4.8	626,120	358,740	6.3	4.9
\$5,000 to \$20,000.....	198	226	20.1	28.6	1,023	1,154	11.7	16.3	1,807,403	2,121,689	7.0	11.1	944,831	780,162	9.5	10.9
\$20,000 to \$100,000.....	91	116	9.2	14.7	1,543	2,025	17.6	28.6	4,431,774	5,389,210	17.1	28.3	1,627,952	2,042,969	16.3	27.7
\$100,000 and over ¹	65	38	6.6	4.8	5,349	3,409	61.1	48.2	18,605,719	10,617,219	71.7	55.8	6,785,321	4,189,079	68.0	50.8
CARRIAGES AND WAGONS AND MATERIALS.	604	610	100.0	100.0	3,911	6,116	100.0	100.0	8,759,119	13,292,531	100.0	100.0	5,182,296	7,483,813	100.0	100.0
Less than \$5,000.....	248	228	41.0	37.4	271	265	6.9	4.3	617,450	559,956	7.0	4.2	434,771	362,725	8.4	4.8
\$5,000 to \$20,000.....	270	267	44.7	43.8	1,244	1,407	31.8	23.0	2,521,507	2,661,516	28.8	20.0	1,687,898	1,752,665	32.4	23.4
\$20,000 to \$100,000.....	71	90	11.8	14.8	1,253	1,830	32.0	29.9	2,583,169	3,565,186	29.5	26.8	1,555,755	2,051,842	30.0	27.4
\$100,000 to \$1,000,000.....	15	25	2.5	4.1	1,143	2,614	29.2	42.7	3,086,993	6,505,873	34.7	48.9	1,510,872	3,316,581	29.2	44.3
CHEMICALS.	70	74	100.0	100.0	7,780	5,746	100.0	100.0	42,876,880	35,346,072	100.0	100.0	16,624,801	15,637,518	100.0	100.0
Less than \$5,000.....	4	6	5.7	8.1	3	17	0.1	0.3	10,335	18,028	0.1	0.1	4,028	2,416	(²)	(²)
\$5,000 to \$20,000.....	6	10	8.6	13.5	22	33	0.3	0.6	69,554	126,956	0.2	0.4	46,919	58,531	0.3	0.4
\$20,000 to \$100,000.....	17	16	24.3	21.6	271	204	3.5	3.6	1,070,975	884,558	2.5	2.5	588,543	496,400	3.5	3.2
\$100,000 to \$1,000,000.....	32	33	45.7	44.6	2,034	1,601	26.1	27.9	10,945,875	9,975,004	25.5	28.2	4,304,946	4,520,730	25.9	28.9
\$1,000,000 and over.....	11	9	15.7	12.2	5,450	3,891	70.1	67.7	30,780,141	24,341,526	71.8	68.9	11,680,365	10,566,023	70.3	67.6
CLOTHING, MEN'S, INCLUDING SHIRTS.	2,627	2,983	100.0	100.0	81,370	91,363	100.0	100.0	238,626,691	266,075,427	100.0	100.0	121,495,950	130,748,784	100.0	100.0
Less than \$5,000.....	892	807	14.9	10.3	1,599	1,077	2.0	1.2	1,098,551	844,529	0.5	0.3	959,090	744,970	0.8	0.6
\$5,000 to \$20,000.....	976	1,146	37.2	38.4	14,847	17,377	18.2	19.0	10,389,562	13,519,432	4.4	5.1	9,064,961	11,987,565	7.5	9.2
\$20,000 to \$100,000.....	779	1,013	29.7	34.0	20,961	29,106	25.8	31.9	35,636,891	42,774,000	14.9	16.1	21,769,357	28,090,785	17.9	21.5
\$100,0																

Table 26—Continued.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.				
	1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.	
			1914	1909			1914	1909			1914	1909			1914	1909
CONFECTIONERY.....	349	249	100.0	100.0	10,768	8,570	100.0	100.0	\$34,070,463	\$25,540,394	100.0	100.0	\$14,004,923	\$9,896,318	100.0	100.0
Less than \$5,000.....	67	56	19.2	22.5	68	76	0.6	0.9	198,825	172,931	0.6	0.7	107,057	94,401	0.8	1.0
\$5,000 to \$20,000.....	141	75	40.4	30.1	560	383	5.2	4.5	1,465,361	877,328	4.3	3.4	736,600	425,772	5.3	4.3
\$20,000 to \$100,000.....	86	67	24.6	26.9	1,460	1,270	13.6	14.8	4,134,287	3,185,189	12.1	12.5	1,596,742	1,220,851	11.4	12.3
\$100,000 to \$1,000,000.....	47	48	13.5	19.3	4,978	5,330	46.2	62.2	14,973,565	15,472,987	43.9	60.6	5,778,628	5,740,717	41.3	58.0
\$1,000,000 and over.....	8	3	2.3	1.2	3,702	1,511	34.4	17.6	13,298,425	5,831,959	39.0	22.8	5,785,896	2,414,577	41.3	24.4
COPPER, TIN, AND SHEET-IRON PRODUCTS.....	791	686	100.0	100.0	16,040	14,689	100.0	100.0	44,821,655	38,452,127	100.0	100.0	20,448,824	17,417,341	100.0	100.0
Less than \$5,000.....	277	154	35.0	22.4	291	186	1.8	1.3	719,314	417,602	1.6	1.1	484,384	274,952	2.4	1.6
\$5,000 to \$20,000.....	268	297	33.9	43.3	1,223	1,344	7.6	9.1	2,718,761	3,150,875	6.1	8.2	1,670,883	1,884,975	8.2	10.8
\$20,000 to \$100,000.....	183	166	23.1	24.2	2,859	2,845	17.8	19.4	8,209,188	6,967,014	18.3	18.1	4,184,259	3,804,490	20.5	21.8
\$100,000 to \$1,000,000.....	52	61	6.6	8.9	5,535	5,688	34.5	38.7	15,942,580	16,159,577	35.6	42.0	7,160,295	6,808,009	35.0	39.1
\$1,000,000 and over.....	11	8	1.4	1.2	6,132	4,626	38.2	31.5	17,231,812	11,757,059	38.4	30.6	6,959,003	4,644,915	34.0	26.7
COTTON GOODS, INCLUDING COTTON SMALL WARES.....	51	47	100.0	100.0	9,127	10,663	100.0	100.0	18,464,811	20,351,555 ¹	100.0	100.0	6,811,373	8,625,066	100.0	100.0
Less than \$20,000 ¹	10	5	19.6	10.6	54	45	0.6	0.4	87,410	66,148	0.5	0.3	45,094	27,864	0.7	0.3
\$20,000 to \$100,000.....	14	12	27.5	25.5	281	342	3.1	3.2	759,273	739,474	4.1	3.6	294,894	300,879	4.3	3.5
\$100,000 to \$1,000,000.....	22	24	43.1	51.1	4,245	3,269	46.5	30.7	7,308,407	6,897,446	39.6	33.7	2,652,448	2,747,135	38.9	31.9
\$1,000,000 and over.....	5	6	9.8	12.8	4,547	7,007	49.8	65.7	10,309,712	12,678,487	55.8	62.3	3,818,937	5,549,188	56.1	64.3
DYEING AND FINISHING TEXTILES.....	99	81	100.0	100.0	5,514	5,252	100.0	100.0	16,302,576	9,673,228	100.0	100.0	5,850,598	5,533,967	100.0	100.0
Less than \$5,000.....	8	8	8.1	9.9	10	12	0.2	0.2	23,974	18,575	0.1	0.2	19,860	14,361	0.3	0.3
\$5,000 to \$20,000.....	30	16	30.3	19.8	256	137	4.6	2.6	350,792	211,012	2.3	2.2	295,849	174,202	5.1	3.1
\$20,000 to \$100,000.....	40	36	40.4	44.4	785	774	14.2	14.7	2,090,435	1,619,056	12.9	16.7	1,159,342	1,027,838	19.8	18.6
\$100,000 and over ²	21	21	21.2	25.9	4,463	4,329	80.9	82.4	13,798,375	7,824,585	84.6	80.9	4,375,547	4,317,566	74.8	78.0
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.....	215	217	100.0	100.0	23,738	18,972	100.0	100.0	73,944,708	49,289,815	100.0	100.0	35,919,949	21,807,204	100.0	100.0
Less than \$5,000.....	36	30	16.7	13.8	49	40	0.2	0.3	102,474	85,277	0.1	0.2	66,132	52,618	0.2	0.2
\$5,000 to \$20,000.....	63	82	29.3	37.8	288	400	1.2	2.1	641,865	879,764	0.9	1.8	409,833	546,913	1.1	2.5
\$20,000 to \$100,000.....	54	64	25.1	29.5	1,063	1,178	4.5	6.2	2,598,587	3,007,413	3.5	6.1	1,565,206	1,815,904	4.4	8.3
\$100,000 and over ²	62	41	28.8	18.9	22,338	17,347	94.1	91.4	70,601,782	45,817,361	95.5	91.9	33,878,778	19,391,769	94.3	88.9
FLOUR-MILL AND GRIST-MILL PRODUCTS.....	891	983	100.0	100.0	3,070	2,990	100.0	100.0	77,408,764	69,802,278	100.0	100.0	9,986,003	9,331,977	100.0	100.0
Less than \$5,000.....	67	68	7.5	6.9	30	25	1.0	0.8	215,623	227,145	0.3	0.3	39,158	35,402	0.4	0.4
\$5,000 to \$20,000.....	442	476	49.6	48.4	415	440	13.5	14.7	5,260,761	5,850,180	6.8	8.4	913,048	971,996	9.1	10.4
\$20,000 to \$100,000.....	301	364	33.8	37.0	650	796	21.2	26.6	11,673,969	14,293,096	15.1	20.5	1,816,655	2,205,430	18.2	23.6
\$100,000 to \$1,000,000.....	69	65	7.7	6.6	704	600	22.9	22.1	18,307,595	16,651,511	23.7	23.9	1,808,660	1,808,660	21.9	19.4
\$1,000,000 and over.....	12	10	1.3	1.0	1,271	1,069	41.4	35.8	41,950,816	32,780,346	54.2	47.0	5,030,020	4,310,489	50.4	46.2
FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED.....	287	177	100.0	100.0	4,031	3,023	100.0	100.0	32,165,811	17,324,076	100.0	100.0	11,714,640	7,663,823	100.0	100.0
Less than \$5,000.....	72	58	25.1	32.8	54	59	1.3	2.0	179,425	158,022	0.6	0.9	90,572	83,396	0.8	1.1
\$5,000 to \$20,000.....	107	53	37.3	29.9	293	149	7.3	4.9	1,091,247	507,265	3.4	2.9	458,770	236,209	3.9	3.1
\$20,000 to \$100,000.....	51	41	17.8	23.2	425	462	10.5	15.3	2,772,930	2,151,747	6.4	12.4	688,664	806,417	5.9	10.5
\$100,000 to \$1,000,000.....	51	20	17.8	11.3	2,256	1,342	56.0	44.4	16,504,046	6,228,989	51.3	36.0	4,642,182	2,317,943	39.6	30.2
\$1,000,000 and over.....	6	5	2.1	2.8	1,003	1,011	24.9	33.4	12,318,163	8,278,053	38.3	47.8	5,834,452	4,219,798	49.8	55.1
FOUNDRY AND MACHINE-SHOP PRODUCTS.....	3,093	1,872	100.0	100.0	66,690	64,066	100.0	100.0	173,429,715	154,370,346	100.0	100.0	104,867,493	92,749,146	100.0	100.0
Less than \$5,000.....	1,023	358	33.1	19.1	1,260	464	1.9	0.7	2,968,012	932,256	1.7	0.6	2,237,275	643,314	2.1	0.7
\$5,000 to \$20,000.....	1,106	621	35.8	33.2	4,885	3,385	7.3	5.3	10,911,969	6,701,871	6.3	4.3	7,417,806	4,395,393	7.1	4.7
\$20,000 to \$100,000.....	641	567	20.7	30.3	12,214	11,828	18.3	18.5	28,223,519	26,043,771	16.3	16.9	17,548,715	15,713,541	16.7	16.9
\$100,000 to \$1,000,000.....	297	305	9.6	16.3	31,731	33,110	47.6	51.7	76,436,075	81,694,075	44.1	52.9	44,038,397	46,343,820	42.0	50.0
\$1,000,000 and over.....	26	21	0.8	1.1	16,600	15,279	24.9	23.8	54,890,140	38,988,373	31.6	26.3	33,625,300	25,658,578	32.1	27.7
FUR GOODS.....	877	863	100.0	100.0	5,904	8,244	100.0	100.0	30,312,136	41,301,451	100.0	100.0	13,490,100	17,161,196	100.0	100.0
Less than \$5,000.....	208	176	23.7	20.4	227	252	3.8	3.1	573,414	463,821	1.9	1.1	393,733	321,239	2.9	1.9
\$5,000 to \$20,000.....	316	279	36.0	32.3	918	1,131	15.5	13.7	3,294,291	3,077,775	10.9	7.5	1,687,448	1,579,472	12.5	9.2
\$20,000 to \$100,000.....	283	304	32.3	35.2	2,389	2,884	40.5	35.0	12,362,418	13,386,667	40.8	32.4	5,369,616	5,342,226	39.8	31.1
\$100,000 and over.....	70	104	8.0	12.1	2,370	3,977	40.1	48.2	14,082,013	24,373,188	46.5	59.0	6,039,303	9,918,259	44.8	57.8
FURNISHING GOODS, MEN'S	346	375	100.0	100.0	17,495	18,186	100.0	100.0	45,385,505	42,197,117	100.0	100.0	22,495,721	20,620,777	100.0	100.0
Less than \$5,000.....	42	47	12.1	12.5	110	134	0.6	0.7	109,377	125,773	0.2	0.3	81,929	91,042	0.4	0.4
\$5,000 to \$20,000.....	95	113	27.5	30.1	473	1,020	2.7	5.6	1,079,466	1,222,208	2.4	2.9	536,519	750,712	2.4	3.6
\$20,000 to \$100,000.....	129	124	37.3	33.1	2,829	1,913	16.2	10.5	6,991,601	5,463,434	15.4	12.9	3,084,082	2,092,590	13.7	10.2
\$100,000 and over ²	80	91	23.1	24.3	14,083	15,119	80.5	83.1	37,205,061	35,385,612	82.0	83.9	18,798,191	17,686,433	83.5	85.8
FURNITURE AND REFRIGERATORS.....	758	676	100.0	100.0	22,153	20,281	100.0	100.0	49,849,300	41,928,774	100.0	100.0	27,760,409	22,772,330	100.0	100.0
Less than \$5,000.....	161	106	21.2	15.7	181	145	0.8	0.7	445,334	303,206	0.9	0.7	311,266	204,125	1.1	0.9
\$5,000 to \$20,000.....	234	223	30.9	33.0	1,270	1,293	5.7	6.1	2,535,963	2,453,066	5.1	5.9	1,602,297	1,533,893	5.8	6.7
\$20,000 to \$100,000.....	225	234	29.7	34.6	4,890	5,841	22.1	28.8	10,584,098	11,690,502	21.2	27.9	5,969,158	6,574,722	21.5	28.

MANUFACTURES.

Table 26—Continued.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.	
			1914	1909			1914	1909			1914	1909			1914	1909
HATS, FUR-FELT.....	39	44	100.0	100.0	3,563	5,013	100.0	100.0	\$6,637,380	\$10,218,660	100.0	100.0	\$3,146,652	\$4,812,395	100.0	100.0
Less than \$5,000.....	7	5	17.9	11.4	9	5	0.3	0.1	16,918	14,193	0.3	0.1	10,653	8,308	0.3	0.2
\$5,000 to \$20,000.....	9	11	23.1	25.0	37	60	1.0	1.2	82,260	132,659	1.2	1.3	44,477	51,576	1.4	1.1
\$20,000 to \$100,000.....	11	13	28.2	29.5	192	232	5.4	4.6	691,053	745,079	10.4	7.3	303,006	313,103	9.6	6.5
\$100,000 and over ¹	12	15	30.8	34.1	3,325	4,716	93.3	94.1	5,847,149	9,326,729	88.1	91.3	2,788,456	4,439,408	88.6	92.2
HOSIERY AND KNIT GOODS.	483	360	100.0	100.0	40,095	35,950	100.0	100.0	78,229,235	67,130,296	100.0	100.0	34,369,356	28,452,925	100.0	100.0
Less than \$5,000.....	70	22	14.5	6.1	136	51	0.3	0.1	208,161	63,324	0.3	0.1	131,723	31,642	0.4	0.1
\$5,000 to \$20,000.....	135	56	27.9	15.6	811	444	2.0	1.2	1,544,898	732,389	2.0	1.1	714,599	307,719	2.1	1.3
\$20,000 to \$100,000.....	128	137	26.5	38.1	2,920	3,590	7.3	9.9	5,989,023	6,952,288	7.7	10.4	2,420,975	2,845,925	7.1	10.0
\$100,000 to \$1,000,000.....	131	130	27.1	36.1	19,205	19,955	47.9	55.5	36,682,915	38,655,505	46.9	57.6	14,845,624	15,810,221	43.2	55.6
\$1,000,000 and over.....	19	15	3.9	4.2	17,023	11,940	42.5	33.2	33,804,238	20,726,730	43.2	30.9	10,250,435	9,397,418	47.3	33.0
JEWELRY.....	566	479	100.0	100.0	5,051	5,379	100.0	100.0	21,810,245	20,362,620	100.0	100.0	10,708,410	9,929,703	100.0	100.0
Less than \$5,000.....	186	143	32.9	29.8	168	149	3.3	2.8	457,454	358,037	2.1	1.8	347,286	275,080	3.2	2.8
\$5,000 to \$20,000.....	181	139	32.0	29.0	644	506	12.7	10.5	1,953,904	1,434,342	9.0	7.0	1,143,655	859,684	10.7	8.7
\$20,000 to \$100,000.....	150	145	26.5	30.3	1,813	1,936	35.9	36.0	6,382,075	6,200,727	29.3	30.7	3,394,977	3,142,485	31.7	31.6
\$100,000 and over ¹	49	52	8.7	10.9	2,426	2,728	48.0	50.7	13,016,812	12,309,514	59.7	60.4	5,822,492	5,681,894	54.4	56.9
LEATHER GOODS.....	605	483	100.0	100.0	7,473	7,586	100.0	100.0	21,796,980	20,996,602	100.0	100.0	9,789,284	9,364,501	100.0	100.0
Less than \$5,000.....	232	113	38.3	23.4	221	175	3.0	2.3	583,755	324,474	2.7	1.5	377,080	203,509	3.8	2.2
\$5,000 to \$20,000.....	153	159	25.3	32.9	537	727	7.2	9.6	1,455,223	1,611,050	6.7	7.7	731,526	741,180	7.5	7.9
\$20,000 to \$100,000.....	158	156	26.1	32.3	2,453	2,696	32.8	35.5	6,715,642	7,349,056	30.8	35.0	2,957,064	3,397,981	30.2	36.3
\$100,000 to \$1,000,000.....	62	55	10.2	11.4	4,262	3,988	57.0	52.6	13,042,360	11,712,022	59.8	55.8	5,723,614	5,021,831	58.5	53.6
LEATHER, TANNED, CURRIED, AND FINISHED.....	98	109	100.0	100.0	5,360	5,688	100.0	100.0	36,018,342	27,642,383	100.0	100.0	8,106,071	6,701,650	100.0	100.0
Less than \$5,000.....	17	16	17.3	14.7	22	25	0.4	0.4	44,637	40,429	0.1	0.1	32,175	34,053	0.4	0.5
\$5,000 to \$20,000.....	10	11	10.2	10.1	67	98	1.2	1.7	88,105	128,609	0.2	0.5	67,225	79,174	0.8	1.2
\$20,000 to \$100,000.....	27	29	27.6	26.6	654	716	12.2	12.6	1,268,060	1,510,284	3.5	5.5	599,334	715,069	7.4	10.7
\$100,000 to \$1,000,000.....	36	46	36.7	42.2	2,315	2,995	43.2	52.7	12,054,947	13,937,927	33.5	50.4	2,832,473	3,402,662	34.9	50.5
\$1,000,000 and over.....	8	7	8.2	6.4	2,302	1,854	42.9	32.6	22,562,593	12,025,134	62.6	43.5	4,574,864	2,470,152	56.4	36.9
LIQUORS, MALT.....	153	184	100.0	100.0	9,826	8,731	100.0	100.0	85,673,426	77,720,045	100.0	100.0	61,178,667	58,837,018	100.0	100.0
Less than \$20,000 ²	6	13	3.9	7.1	12	35	0.1	0.4	33,994	91,778	(3)	0.1	24,960	59,447	0.0	0.1
\$20,000 to \$100,000.....	29	34	19.0	18.5	360	347	3.7	4.0	1,697,962	2,000,660	2.0	2.6	1,130,003	1,402,361	1.8	2.4
\$100,000 to \$1,000,000.....	95	117	62.1	63.6	4,553	5,029	46.3	57.6	37,635,083	41,459,150	43.9	53.3	27,090,155	31,120,908	44.3	52.9
\$1,000,000 and over.....	23	20	15.0	10.9	4,901	3,320	49.9	38.0	46,306,387	34,168,457	54.0	44.0	32,933,649	26,254,302	53.8	44.6
LUMBER AND TIMBER PRODUCTS.....	1,776	2,263	100.0	100.0	21,503	27,471	100.0	100.0	59,748,330	72,529,813	100.0	100.0	26,818,027	30,824,722	100.0	100.0
Less than \$5,000.....	754	1,057	42.5	46.7	961	1,388	4.5	5.1	1,584,204	2,198,541	2.7	3.0	1,009,657	1,358,891	4.0	4.4
\$5,000 to \$20,000.....	542	660	30.5	29.2	2,900	3,921	13.5	14.3	5,520,293	6,785,205	9.2	9.4	3,272,522	4,005,922	12.2	13.0
\$20,000 to \$100,000.....	384	379	18.8	16.7	5,598	7,342	26.0	26.7	15,000,885	16,803,586	25.2	23.3	8,251,654	8,854,816	27.0	27.0
\$100,000 to \$1,000,000.....	142	161	8.0	7.1	10,521	12,746	48.9	46.4	31,946,191	36,806,200	53.5	50.7	13,253,366	15,061,294	49.4	48.9
\$1,000,000 and over.....	4	6	0.2	0.3	1,523	2,074	7.1	7.5	5,636,757	9,875,861	9.4	13.6	1,970,828	2,073,819	7.4	6.7
MALT.....	25	32	100.0	100.0	533	524	100.0	100.0	12,380,622	11,051,078	100.0	100.0	1,995,018	2,178,636	100.0	100.0
\$5,000 to \$100,000 ⁴	8	14	32.0	43.8	38	81	7.1	15.4	294,566	718,236	2.4	6.5	50,407	228,991	2.5	10.4
\$100,000 to \$1,000,000.....	12	15	48.0	46.9	225	263	42.2	50.2	3,599,629	5,174,154	29.1	46.8	639,702	1,033,521	32.1	47.4
\$1,000,000 and over.....	5	3	20.0	9.4	270	180	50.7	34.4	8,486,427	5,158,688	68.5	46.7	1,304,909	918,124	65.4	42.1
MARBLE AND STONE WORK.....	551	655	100.0	100.0	4,798	6,939	100.0	100.0	13,324,209	17,921,285	100.0	100.0	8,294,821	10,845,761	100.0	100.0
Less than \$5,000.....	134	192	24.3	29.3	122	304	2.5	4.4	356,412	513,940	2.7	2.9	216,434	385,049	2.6	3.6
\$5,000 to \$20,000.....	263	284	47.7	40.3	832	1,270	18.4	18.3	2,583,294	2,695,678	19.4	15.0	1,550,218	1,700,880	18.7	15.7
\$20,000 to \$100,000.....	138	156	25.0	23.8	2,259	2,686	46.6	38.7	5,905,890	6,669,947	44.3	37.2	3,119,244	4,135,771	43.6	38.1
\$100,000 to \$1,000,000.....	16	43	2.9	6.6	1,559	2,679	32.5	38.6	4,473,613	3,041,720	33.6	44.9	2,908,925	4,624,061	35.1	42.6
MATTRESSES AND SPRING BEDS.....	196	168	100.0	100.0	1,996	1,621	100.0	100.0	6,496,972	5,898,625	100.0	100.0	2,645,702	2,438,042	100.0	100.0
Less than \$5,000.....	55	27	28.1	16.1	66	29	3.3	1.8	155,981	81,186	2.4	1.4	86,368	43,566	3.3	1.8
\$5,000 to \$20,000.....	78	79	39.8	47.0	249	232	12.5	17.4	762,516	793,613	11.7	13.5	375,148	349,010	14.2	14.3
\$20,000 to \$100,000.....	50	48	25.5	28.6	618	557	31.0	34.4	2,475,599	2,145,918	38.1	36.4	1,150,821	875,708	43.5	35.9
\$100,000 to \$1,000,000.....	13	14	6.6	8.3	1,033	733	53.3	46.5	3,102,876	2,872,908	47.8	48.7	1,033,365	1,169,758	39.1	43.0
MILLINERY AND LACE GOODS.....	1,308	931	100.0	100.0	26,124	21,078	100.0	100.0	72,328,556	52,106,200	100.0	100.0	35,073,111	24,971,417	100.0	100.0
Less than \$5,000.....	258	135	19.7	14.5	558	312	2.1	1.5	675,894	357,617	0.9	0.7	529,604	266,722	1.5	1.1
\$5,000 to \$20,000.....	430	273	32.9	29.3	3,069	2,165	11.7	10.3	4,513,552	3,011,348	6.2	5.8	3,091,499	2,001,973	8.8	8.0
\$20,000 to \$100,000.....	427	373	32.6	40.1	8,107	7,916	31.0	37.6	19,507,259	17,431,090	27.0	33.5	9,863,335	8,859,194	28.1	35.5
\$100,000 and over.....	193	150	14.8	16.1	14,390	10,685	55.1	50.7	47,631,851	31,306,145	65.9	60.1	21,583,673	13,843,528	61.6	55.4
MUSICAL INSTRUMENTS, PIANOS AND ORGANS AND MATERIALS.....	160	184	100.0	100.0	12,602	11,938	100.0	100.0	33,071,781	33,679,953	100.0	100.0	17,315,983	16,185,266	100.0	100.0
Less than \$5,000.....	9	16	5.6	8.7	12	23	0.1	0.2	30,462	49,408	0.1	0.1	20,860	36,568	0.1	0.2
\$5,00																

Table 26—Continued.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.	
			1914	1909			1914	1909			1914	1909			1914	1909
PAPER AND WOOD PULP...	150	178	100.0	100.0	13,570	12,073	100.0	100.0	\$56,335,681	\$48,859,610	100.0	100.0	\$20,405,222	\$17,092,327	100.0	100.0
Less than \$5,000.....	6	9	4.0	5.1	10	17	0.1	0.1	21,453	28,036	(1)	0.1	11,326	13,578	0.1	0.1
\$5,000 to \$20,000.....	10	10	6.7	5.6	86	85	0.6	0.7	142,472	134,463	0.3	0.3	54,131	63,779	0.3	0.4
\$20,000 to \$100,000.....	35	58	23.3	32.6	661	1,136	4.9	9.4	2,021,611	3,255,305	3.6	6.7	777,682	1,350,946	3.8	7.9
\$100,000 to \$1,000,000.....	83	90	55.3	50.6	6,889	7,400	50.8	61.3	26,469,200	28,781,527	47.0	58.9	9,210,048	10,160,593	45.1	59.4
\$1,000,000 and over.....	16	11	10.7	6.2	5,924	3,435	43.7	28.5	27,680,945	16,660,279	49.1	34.1	10,352,035	5,503,431	50.7	32.2
PATENT MEDICINES AND COMPOUNDS AND DRUGGISTS' PREPARATIONS...	806	743	100.0	100.0	5,699	4,728	100.0	100.0	41,796,235	37,343,083	100.0	100.0	24,884,490	24,754,368	100.0	100.0
Less than \$5,000.....	365	315	45.3	42.4	219	227	3.8	4.8	764,869	650,200	1.8	1.7	496,944	440,320	2.0	1.8
\$5,000 to \$20,000.....	220	202	27.3	27.2	516	490	9.1	10.4	2,312,416	2,070,884	5.5	5.5	1,492,436	1,343,618	6.0	5.4
\$20,000 to \$100,000.....	135	143	16.7	19.2	1,123	1,172	19.7	24.8	6,727,522	6,378,822	16.1	17.1	3,960,032	4,137,110	15.9	16.7
\$100,000 to \$1,000,000.....	80	78	9.9	10.5	2,690	2,476	47.2	52.4	22,996,947	22,026,938	55.0	59.0	14,295,747	14,367,904	57.4	58.0
\$1,000,000 and over.....	6	5	0.7	0.7	1,151	363	20.2	7.7	8,994,481	6,216,239	21.5	16.6	4,639,331	4,465,416	18.6	18.0
PHOTOGRAPHIC APPARATUS AND MATERIALS.....	59	42	100.0	100.0	7,426	4,088	100.0	100.0	35,174,339	18,763,929	100.0	100.0	25,370,452	13,797,225	100.0	100.0
Less than \$5,000.....	15	7	25.4	16.7	20	9	0.3	0.2	36,186	18,327	0.1	0.1	25,183	14,855	0.1	0.1
\$5,000 to \$20,000.....	18	15	30.5	35.7	86	79	1.2	1.9	209,618	143,605	0.6	0.8	123,646	86,567	0.5	0.6
\$20,000 to \$100,000.....	15	10	25.4	23.8	313	219	4.2	5.4	739,388	604,539	2.1	3.2	403,568	371,478	1.6	2.7
\$100,000 and over ²	11	10	18.6	23.8	7,007	3,781	94.3	92.5	34,189,147	17,997,458	97.2	95.9	24,818,055	13,324,325	97.8	96.6
PRINTING AND PUBLISHING.....	4,806	4,426	100.0	100.0	64,020	63,120	100.0	100.0	257,288,671	216,946,482	100.0	100.0	188,353,768	160,452,222	100.0	100.0
Less than \$5,000.....	1,810	1,559	37.7	35.2	1,780	1,881	2.8	3.0	4,679,343	4,074,169	1.8	1.9	3,696,693	3,176,631	2.0	2.0
\$5,000 to \$20,000.....	1,580	1,572	32.9	35.5	6,657	7,063	10.4	11.2	15,876,053	15,845,601	6.2	7.3	12,385,779	12,497,692	6.6	7.8
\$20,000 to \$100,000.....	995	930	20.7	21.0	13,378	14,132	20.9	22.4	44,615,215	40,601,847	17.3	18.7	33,984,210	30,284,593	18.0	18.9
\$100,000 to \$1,000,000.....	383	333	8.0	7.5	26,471	25,931	41.3	41.1	102,062,465	90,743,703	39.7	41.8	74,743,477	66,924,150	39.7	41.7
\$1,000,000 and over.....	38	32	0.8	0.7	15,784	14,113	24.6	22.4	90,035,595	65,681,162	35.0	30.3	63,543,609	47,569,156	33.7	29.6
SHIPBUILDING, INCLUDING BOAT BUILDING.....	207	255	100.0	100.0	6,076	5,644	100.0	100.0	14,195,298	11,417,189	100.0	100.0	9,022,520	7,492,523	100.0	100.0
Less than \$5,000.....	94	122	45.4	47.8	78	132	1.3	2.3	193,930	279,110	1.4	2.4	132,091	188,513	1.5	2.5
\$5,000 to \$20,000.....	55	62	26.6	24.3	276	385	4.5	6.8	607,275	640,946	4.3	5.6	409,384	416,778	4.5	5.6
\$20,000 to \$100,000.....	35	49	16.9	19.2	774	1,001	12.7	17.7	1,616,750	1,952,759	11.4	17.1	1,131,770	1,616,776	9.6	15.1
\$100,000 and over ²	23	22	11.1	8.6	4,948	4,126	81.4	73.1	11,777,343	8,544,374	83.0	74.8	7,613,545	5,755,462	84.4	76.8
SILK GOODS, INCLUDING THROWSTERS.....	143	170	100.0	100.0	11,659	12,903	100.0	100.0	29,260,763	26,518,821	100.0	100.0	12,524,542	12,570,232	100.0	100.0
Less than \$5,000.....	5	12	3.5	7.1	14	27	0.1	0.2	17,479	32,680	0.1	0.1	15,986	20,054	0.1	0.2
\$5,000 to \$20,000.....	21	20	14.7	11.8	198	173	1.7	1.3	268,958	242,207	0.9	0.9	178,901	140,676	1.4	1.1
\$20,000 to \$100,000.....	55	67	38.5	39.4	2,067	2,043	17.7	15.8	3,098,751	3,555,881	10.6	13.4	1,638,109	1,858,994	13.1	14.8
\$100,000 and over ²	62	71	43.4	41.8	9,380	10,660	80.5	82.6	25,875,575	22,688,233	88.4	85.6	10,691,546	10,550,508	85.4	83.9
SLAUGHTERING AND MEAT PACKING.....	337	238	100.0	100.0	6,641	6,110	100.0	100.0	148,105,659	127,130,051	100.0	100.0	17,887,272	16,961,817	100.0	100.0
Less than \$5,000.....	32	20	9.5	8.4	19	12	0.3	0.2	78,312	43,462	0.1	(1)	28,279	17,070	0.2	0.1
\$5,000 to \$20,000.....	120	53	35.6	22.3	172	86	2.6	1.4	1,359,647	626,413	0.9	0.5	399,108	161,251	2.2	1.0
\$20,000 to \$100,000.....	92	67	27.3	28.2	345	295	5.2	4.8	4,395,602	3,086,392	3.0	2.4	951,244	651,420	5.3	3.8
\$100,000 to \$1,000,000.....	70	74	20.8	31.1	1,351	1,259	20.3	20.6	28,704,001	25,250,030	19.4	19.9	3,331,691	3,143,123	18.6	18.5
\$1,000,000 and over.....	23	24	6.8	10.1	4,754	4,458	71.6	73.0	118,568,097	98,123,754	76.7	77.2	18,176,950	12,988,953	73.7	76.6
SOAP.....	65	67	100.0	100.0	3,168	2,976	100.0	100.0	27,526,199	23,582,977	100.0	100.0	7,656,815	7,970,595	100.0	100.0
Less than \$5,000.....	18	18	27.7	26.9	10	16	0.3	0.5	40,180	49,280	0.1	0.2	20,544	25,763	0.3	0.3
\$5,000 to \$20,000.....	14	15	21.5	22.4	28	44	0.9	1.5	132,546	174,857	0.5	0.7	58,269	78,843	0.8	1.0
\$20,000 to \$100,000.....	17	13	26.2	26.9	153	179	4.8	6.0	921,054	1,004,936	3.3	4.5	428,595	390,079	5.6	4.9
\$100,000 to \$1,000,000.....	10	10	15.4	14.9	295	521	9.3	17.5	2,981,313	4,303,259	10.8	18.2	1,078,257	1,362,516	14.1	17.1
\$1,000,000 and over.....	6	6	9.2	9.0	2,682	2,216	84.7	74.5	23,451,106	17,990,645	85.2	76.3	6,071,150	6,112,794	79.3	76.7
TOBACCO MANUFACTURES.....	2,871	3,371	100.0	100.0	30,489	30,019	100.0	100.0	88,079,588	76,661,552	100.0	100.0	50,108,813	45,320,146	100.0	100.0
Less than \$5,000.....	2,088	2,468	72.7	73.2	1,368	1,862	4.5	6.2	3,819,860	4,723,167	4.3	6.2	2,392,065	3,015,897	4.8	6.7
\$5,000 to \$20,000.....	519	596	18.1	17.7	2,435	2,854	8.0	9.5	4,674,611	5,408,991	5.3	7.1	2,850,157	3,367,618	5.7	7.4
\$20,000 to \$100,000.....	168	208	5.9	6.2	3,623	4,405	11.9	14.7	6,898,547	8,392,833	7.8	10.9	4,032,201	5,068,237	8.0	11.2
\$100,000 to \$1,000,000.....	82	88	2.9	2.6	11,987	11,795	39.2	39.3	24,284,905	25,424,502	27.6	33.2	13,902,880	14,579,257	27.7	32.2
\$1,000,000 and over.....	14	11	0.5	0.3	11,106	9,103	36.4	30.3	48,401,665	32,712,029	55.0	42.7	26,931,510	18,289,137	53.7	42.6
TYPEWRITERS AND SUPPLIES.....	61	43	100.0	100.0	4,446	4,538	100.0	100.0	12,252,046	10,298,038	100.0	100.0	9,783,524	8,417,503	100.0	100.0
Less than \$5,000.....	9	3	14.8	7.0	7	3	0.2	0.1	21,992	9,007	0.2	0.1	12,872	6,603	0.1	0.1
\$5,000 to \$20,000.....	18	12	29.5	27.9	80	68	1.8	1.5	234,367	149,964	1.9	1.5	123,401	96,440	1.3	1.1
\$20,000 to \$100,000.....	20	17	32.8	39.5	245	184	5.5	4.1	865,784	760,184	7.1	7.4	483,920	417,050	4.9	5.0
\$100,000 and over ²	14	11	22.9	25.6	4,114	4,283	92.5	94.4	11,129,903	9,378,883	90.8	91.1	9,163,331	7,897,860	93.7	93.8
WOOLEN, WORSTED, AND FELT GOODS, AND WOOL HATS.....	51	64	100.0	100.0	8,552	9,460	100.0	100.0	21,098,096	23,739,421	100.0	100.0	8,193,920	8,995,393	100.0	100.0
Less than \$5,000.....	5	10	9.8	15.6	4	11	(1)	0.1	12,101	19,664	0.1	0.1	8,043	10,061	0.1	0.1
\$5,000 to \$20,000.....	5	3	9.8	4.7	37	38	0.4	0.4	63,266	35,739	0.3	0.2	38,122	18,058	0.5	0.2
\$20,000 to \$100,000.....	9	16	17.6	25.0	317	415	3.7	4.4	350,729	732,866	1.7					

MANUFACTURES.

Table 27 shows, for 1914, for all industries combined, in each of 52 cities having more than 10,000 inhabitants, statistics similar to those given in Table 25 for the state as a whole.

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.
ALBANY.....	476	9,371	100.0	\$25,211,390	100.0	\$13,811,654	100.0
Less than \$5,000.....	174	154	1.6	423,201	1.7	299,030	2.2
\$5,000 to \$20,000.....	149	593	6.3	1,622,554	6.4	955,705	6.8
\$20,000 to \$100,000.....	101	1,738	18.5	4,109,686	16.3	2,211,503	16.0
\$100,000 and over.....	52	6,886	73.5	19,055,949	75.6	10,365,416	75.1
AMSTERDAM.....	117	10,774	100.0	22,474,691	100.0	9,325,356	100.0
Less than \$5,000.....	25	36	0.3	62,440	0.3	30,298	0.3
\$5,000 to \$20,000.....	45	207	1.9	475,977	2.1	246,608	2.6
\$20,000 to \$100,000.....	23	592	5.5	976,630	4.3	558,756	6.0
\$100,000 to \$1,000,000.....	16	3,005	27.9	5,682,132	25.3	2,499,888	26.8
\$1,000,000 and over.....	8	6,934	64.4	15,277,512	68.0	5,989,806	64.2
AUBURN.....	123	5,769	100.0	16,686,249	100.0	6,896,737	100.0
Less than \$5,000.....	40	44	0.8	100,430	0.6	62,098	0.9
\$5,000 to \$20,000.....	37	162	2.8	378,771	2.3	200,351	2.9
\$20,000 to \$100,000.....	26	452	7.8	1,118,114	6.7	625,803	9.1
\$100,000 and over.....	20	5,111	88.6	15,088,934	90.4	6,008,485	87.1
BATAVIA.....	57	2,457	100.0	5,389,782	100.0	2,916,474	100.0
Less than \$5,000.....	18	14	0.6	30,347	0.6	18,513	0.6
\$5,000 to \$20,000.....	20	66	2.7	210,248	3.9	120,637	4.1
\$20,000 to \$100,000.....	7	151	6.1	348,327	6.5	226,242	7.8
\$100,000 and over.....	12	2,226	90.6	4,760,860	89.0	2,551,082	87.5
BEACON.....	41	1,806	100.0	3,519,574	100.0	1,777,521	100.0
Less than \$5,000.....	9	10	0.6	23,756	0.7	13,845	0.8
\$5,000 to \$20,000.....	14	69	3.8	144,828	4.1	92,975	5.2
\$20,000 to \$100,000.....	11	299	16.6	416,754	11.8	220,213	12.4
\$100,000 to \$1,000,000.....	7	1,428	79.1	2,934,236	83.4	1,450,488	81.6
BINGHAMTON.....	245	7,248	100.0	18,359,516	100.0	7,975,746	100.0
Less than \$5,000.....	67	77	1.1	170,440	0.9	112,910	1.4
\$5,000 to \$20,000.....	89	417	5.8	902,997	4.9	494,333	6.2
\$20,000 to \$100,000.....	46	965	13.3	2,102,603	11.5	1,010,434	12.7
\$100,000 and over.....	43	5,789	79.9	15,183,476	82.7	6,358,069	79.7
BUFFALO.....	2,225	54,416	100.0	247,516,476	100.0	89,520,096	100.0
Less than \$5,000.....	803	646	1.2	1,898,945	0.8	1,246,561	1.4
\$5,000 to \$20,000.....	717	3,306	6.1	7,261,862	2.9	4,252,905	4.8
\$20,000 to \$100,000.....	392	6,928	12.7	17,386,007	7.0	9,242,711	10.3
\$100,000 to \$1,000,000.....	265	23,977	44.1	78,875,491	31.9	38,103,177	42.6
\$1,000,000 and over.....	48	19,559	35.9	142,094,171	57.4	36,674,742	40.9
COHOES.....	106	5,781	100.0	11,706,461	100.0	5,136,228	100.0
Less than \$5,000.....	21	16	0.3	42,377	0.4	23,602	0.5
\$5,000 to \$20,000.....	29	129	2.2	807,093	2.6	164,508	3.2
\$20,000 to \$100,000.....	32	825	14.3	1,692,137	14.5	829,984	16.2
\$100,000 and over.....	24	4,811	83.2	9,664,854	82.6	4,118,134	80.2
CORNING.....	58	2,203	100.0	3,954,226	100.0	2,421,608	100.0
Less than \$5,000.....	21	18	0.8	47,588	1.2	30,381	1.3
\$5,000 to \$20,000.....	18	72	3.3	151,510	3.8	77,558	3.2
\$20,000 to \$100,000.....	12	243	11.0	559,882	14.2	274,875	11.4
\$100,000 and over.....	7	1,870	84.9	3,195,246	80.8	2,038,794	84.2
CORTLAND.....	59	2,459	100.0	6,437,659	100.0	2,879,027	100.0
Less than \$5,000.....	17	14	0.6	39,131	0.6	22,879	0.8
\$5,000 to \$20,000.....	14	48	2.0	156,272	2.4	78,495	2.7
\$20,000 to \$100,000.....	18	377	15.3	794,071	12.3	424,967	14.8
\$100,000 and over.....	10	2,020	82.1	5,448,185	84.6	2,352,686	81.7
DUNKIRK.....	62	2,989	100.0	8,366,767	100.0	4,302,998	100.0
Less than \$5,000.....	28	27	0.9	63,862	0.8	38,776	0.9
\$5,000 to \$20,000.....	12	41	1.4	103,614	1.2	57,930	1.3
\$20,000 to \$100,000.....	16	250	8.4	775,813	9.3	351,189	8.2
\$100,000 and over.....	6	2,671	89.4	7,423,478	88.7	3,855,103	89.6
ELMIRA.....	145	4,870	100.0	12,597,024	100.0	6,610,162	100.0
Less than \$5,000.....	49	60	1.2	115,305	0.9	74,133	1.1
\$5,000 to \$20,000.....	45	215	4.4	492,746	3.9	262,495	4.0
\$20,000 to \$100,000.....	33	663	13.6	1,520,060	12.1	749,799	11.3
\$100,000 and over.....	18	3,932	80.7	10,468,913	83.1	5,523,735	83.6
FULTON.....	51	3,420	100.0	9,571,962	100.0	3,632,188	100.0
Less than \$5,000.....	14	14	0.5	29,178	0.3	16,834	0.5
\$5,000 to \$20,000.....	10	43	1.4	91,491	1.0	49,316	1.4
\$20,000 to \$100,000.....	14	300	9.9	775,938	8.1	372,096	10.2
\$100,000 and over.....	13	2,685	88.3	8,675,355	90.6	3,193,942	87.9

1 Includes the group "\$1,000,000 and over."

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.
GENEVA.....	52	1,692	100.0	\$5,240,962	100.0	\$1,956,236	100.0
Less than \$5,000.....	16	19	1.1	42,024	0.8	24,605	1.3
\$5,000 to \$20,000.....	14	60	3.5	127,287	2.4	72,478	3.7
\$20,000 to \$100,000.....	11	196	11.6	503,078	9.6	244,048	12.5
\$100,000 and over.....	11	1,417	83.7	4,568,573	87.2	1,614,505	82.5
GLENS FALLS.....	82	2,532	100.0	6,535,019	100.0	2,993,585	100.0
Less than \$5,000.....	22	15	0.6	58,898	0.9	34,531	1.2
\$5,000 to \$20,000.....	28	173	6.8	282,207	4.3	142,894	4.8
\$20,000 to \$100,000.....	20	520	20.5	949,136	14.5	523,264	17.5
\$100,000 and over.....	12	1,824	72.0	5,244,778	80.3	2,292,896	76.6
GLOVERSVILLE.....	211	5,335	100.0	13,384,213	100.0	5,519,536	100.0
Less than \$5,000.....	61	61	1.1	120,686	0.9	78,529	1.4
\$5,000 to \$20,000.....	56	246	4.6	643,144	4.8	311,239	5.6
\$20,000 to \$100,000.....	57	1,357	25.4	2,506,956	18.7	1,259,725	22.8
\$100,000 and over.....	37	3,671	68.8	10,113,427	75.6	3,870,043	70.1
HORNELL.....	46	2,285	100.0	4,847,594	100.0	2,587,946	100.0
Less than \$5,000.....	16	23	1.0	45,632	0.9	25,422	1.0
\$5,000 to \$20,000.....	13	40	1.8	125,933	2.6	62,890	2.4
\$20,000 to \$100,000.....	7	294	12.9	338,516	7.0	181,677	7.0
\$100,000 to \$1,000,000.....	10	1,928	84.4	4,337,513	89.5	2,317,957	89.6
HUDSON.....	48	1,423	100.0	3,736,941	100.0	1,512,341	100.0
Less than \$5,000.....	18	9	0.6	43,188	1.2	22,291	1.5
\$5,000 to \$20,000.....	14	36	2.5	136,937	3.7	60,410	4.0
\$20,000 to \$100,000.....	11	238	16.7	534,508	14.3	278,316	18.4
\$100,000 and over.....	5	1,140	80.1	3,022,308	80.9	1,151,324	76.1
ITHACA.....	74	815	100.0	2,243,892	100.0	1,390,784	100.0
Less than \$5,000.....	26	29	3.6	74,752	3.3	54,511	3.9
\$5,000 to \$20,000.....	24	152	18.7	247,272	11.0	152,903	11.0
\$20,000 to \$100,000.....	20	323	39.6	984,910	43.9	521,039	37.5
\$100,000 to \$1,000,000.....	4	311	38.2	936,958	41.8	662,271	47.6
JAMESTOWN.....	162	7,794	100.0	17,961,429	100.0	9,065,802	100.0
Less than \$5,000.....	42	53	0.7	104,475	0.6	68,961	0.8
\$5,000 to \$20,000.....	36	165	2.1	367,485	2.0	234,055	2.6
\$20,000 to \$100,000.....	43	994	12.8	2,266,211	12.6	1,231,368	13.6
\$100,000 and over.....	41	6,582	84.4	15,223,258	84.8	7,531,418	83.1
JOHNSTOWN.....	126	2,532	100.0	6,788,636	100.0	2,947,860	100.0
Less than \$5,000.....	22	23	0.9	48,638	0.7	25,221	0.9
\$5,000 to \$20,000.....	45	289	11.4	436,228	6.4	236,294	8.0
\$20,000 to \$100,000.....	38	679	26.8	1,492,655	22.0	697,829	23.7
\$100,000 to \$1,000,000.....	21	1,641	60.9	4,811,115	70.9	1,988,516	67.5
KINGSTON.....	118	3,076	100.0	6,445,455	100.0	3,505,449	100.0
Less than \$5,000.....	29	33	1.1	69,075	1.1	39,833	1.1
\$5,000 to \$20,000.....	45	248	8.1	502,637	7.8	253,634	7.2
\$20,000 to \$100,000.....	28	734	23.9	1,376,915	21.4	654,759	18.7
\$100,000 to \$1,000,000.....	16	2,061	67.0	4,496,828	69.8	2,557,223	72.9
LITTLE FALLS.....	49	3,823	100.0	9,927,246	100.0	3,774,653	100.0
Less than \$5,000.....	7	8	0.2	17,508	0.2	11,541	0.3
\$5,000 to \$20,000.....	18	73	1.9	188,150	1.9	103,275	2.7
\$20,000 to \$100,000.....	10	220	5.8	591,369	6.0	203,015	5.4
\$100,000 to \$1,000,000.....	10	1,080	28.2	2,727,455	27.5	1,197,543	31.7
\$1,000,000 and over.....	4	2,442	63.9	6,402,764	64.5	2,259,279	59.9
LOCKPORT.....	117	2,381	100.0	8,954,931	100.0	3,108,890	100.0
Less than \$5,000.....</							

Table 27—Contd.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
NEW YORK CITY ..	29,621	585,279	100.0	\$2,292,831,693	100.0	\$1,063,676,988	100.0
Less than \$5,000	7,302	9,736	1.7	18,738,000	0.8	13,378,664	1.3
\$5,000 to \$20,000	10,235	57,616	9.8	108,155,821	4.7	67,726,483	6.4
\$20,000 to \$100,000	8,096	135,071	23.1	367,361,501	16.0	197,729,723	18.6
\$100,000 to \$1,000,000	3,703	257,091	43.9	970,470,845	42.3	467,845,794	44.0
\$1,000,000 and over	285	125,765	21.5	828,105,526	36.1	316,996,394	29.8
BRONX BOROUGH ..	1,271	19,387	100.0	58,708,792	100.0	30,721,765	100.0
Less than \$5,000	462	361	1.9	1,060,974	1.8	695,236	2.3
\$5,000 to \$20,000	437	1,757	9.1	4,830,679	8.2	2,563,253	8.3
\$20,000 to \$100,000	255	3,944	20.3	10,341,213	17.6	5,565,934	18.1
\$100,000 to \$1,000,000	111	11,095	57.2	31,668,776	53.9	16,245,210	52.9
\$1,000,000 and over	6	2,230	11.5	10,807,150	18.4	5,662,132	18.4
BROOKLYN BOROUGH	6,096	140,881	100.0	515,302,755	100.0	217,084,037	100.0
Less than \$5,000	1,756	2,683	1.9	4,438,924	0.9	3,064,167	1.4
\$5,000 to \$20,000	2,378	15,267	10.8	24,966,631	4.8	14,564,423	6.7
\$20,000 to \$100,000	1,288	27,164	19.3	56,321,533	10.9	30,353,773	14.0
\$100,000 to \$1,000,000	597	52,647	37.4	174,940,864	33.9	79,950,335	36.8
\$1,000,000 and over	77	43,120	30.6	254,634,803	49.4	89,101,339	41.1
MANHATTAN BOROUGH	1,087	385,902	100.0	519,143,429	100.0	758,515,914	100.0
Less than \$5,000	4,732	6,376	1.7	12,372,592	0.8	9,054,102	1.2
\$5,000 to \$20,000	7,010	38,886	10.1	74,159,912	4.9	48,384,891	6.4
\$20,000 to \$100,000	6,324	99,659	25.8	290,341,696	19.1	156,309,862	20.6
\$100,000 to \$1,000,000	2,851	178,018	46.1	719,940,277	47.4	349,553,111	46.1
\$1,000,000 and over	170	62,963	16.3	422,328,952	27.8	195,213,948	25.7
QUEENS BOROUGH	975	31,630	100.0	164,789,481	100.0	46,030,792	100.0
Less than \$5,000	293	255	0.8	700,652	0.4	449,242	1.0
\$5,000 to \$20,000	338	1,328	4.2	3,413,229	2.1	1,816,847	3.9
\$20,000 to \$100,000	199	3,689	11.7	9,082,318	5.5	4,787,976	10.4
\$100,000 to \$1,000,000	124	13,072	41.3	37,763,769	22.9	18,785,187	40.8
\$1,000,000 and over	21	13,286	42.0	113,829,513	69.1	20,191,540	43.9
RICHMOND BOROUGH	192	7,479	100.0	34,887,236	100.0	11,374,480	100.0
Less than \$5,000	59	61	0.8	164,858	0.5	115,917	1.0
\$5,000 to \$20,000	72	378	5.1	785,370	2.3	407,069	3.6
\$20,000 to \$100,000	30	615	8.2	1,274,741	3.7	712,178	6.3
\$100,000 to \$1,000,000	20	2,259	30.2	6,157,159	17.6	3,311,881	29.1
\$1,000,000 and over	11	4,166	55.7	26,505,108	76.0	6,827,435	60.0
NEWBURGH	128	4,318	100.0	9,986,564	100.0	4,712,963	100.0
Less than \$5,000	35	37	0.9	70,948	0.7	44,184	0.9
\$5,000 to \$20,000	51	198	4.6	493,683	4.9	272,791	5.8
\$20,000 to \$100,000	22	450	10.4	990,149	9.9	522,669	11.1
\$100,000 and over	20	3,633	84.1	8,431,784	84.4	3,873,319	82.2
NIAGARA FALLS ..	156	9,390	100.0	44,816,698	100.0	19,391,386	100.0
Less than \$5,000	35	36	0.4	81,714	0.2	54,378	0.3
\$5,000 to \$20,000	39	148	1.6	387,839	0.9	232,401	1.1
\$20,000 to \$100,000	34	506	5.4	1,375,768	3.1	741,433	3.8
\$100,000 to \$1,000,000	36	2,948	31.4	12,034,420	26.9	5,660,179	29.2
\$1,000,000 and over	12	5,752	61.3	30,936,957	69.0	12,712,995	65.6
NORTH TONAWANDA	74	3,574	100.0	10,040,356	100.0	3,955,469	100.0
Less than \$5,000	23	29	0.8	53,294	0.5	30,909	0.8
\$5,000 to \$20,000	17	65	1.8	168,376	1.7	94,438	2.4
\$20,000 to \$100,000	9	153	4.3	367,483	3.7	169,891	4.3
\$100,000 and over	25	3,327	93.1	9,451,203	94.1	3,660,231	92.5
OGDENSBURG	71	898	100.0	3,401,045	100.0	1,298,066	100.0
Less than \$5,000	16	20	2.2	44,073	1.3	28,243	2.2
\$5,000 to \$20,000	28	96	10.7	254,385	7.5	122,136	9.4
\$20,000 to \$100,000	21	367	40.9	873,358	25.7	467,691	36.0
\$100,000 and over	6	415	46.2	2,229,229	65.5	679,996	52.4
OLEAN	53	2,633	100.0	11,577,282	100.0	1,522,357	100.0
Less than \$5,000	11	9	0.3	26,571	0.2	19,430	1.3
\$5,000 to \$20,000	12	73	2.8	132,998	1.1	80,847	5.3
\$20,000 to \$100,000	14	276	10.5	642,785	5.6	383,477	25.2
\$100,000 and over	16	2,275	86.4	10,774,928	93.1	1,038,603	68.2
ONONOTA	36	1,337	100.0	2,372,506	100.0	1,133,984	100.0
Less than \$5,000	11	10	0.7	25,256	1.1	15,246	1.4
\$5,000 to \$20,000	13	99	7.4	126,435	5.3	69,777	6.1
\$20,000 to \$100,000	8	137	10.2	366,470	15.4	224,532	19.8
\$100,000 and over	4	1,091	81.6	1,854,345	78.2	824,249	72.7
OSSING	32	373	100.0	1,120,081	100.0	696,572	100.0
Less than \$5,000	9	11	2.9	20,296	1.8	13,481	1.9
\$5,000 to \$20,000	16	115	30.8	170,740	15.2	103,497	14.9
\$20,000 to \$1,000,000	7	247	66.2	929,045	82.9	579,594	83.2

Table 27—Contd.

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.
OSWEGO	78	4,331	100.0	\$12,650,095	100.0	\$4,592,797	100.0
Less than \$5,000	17	23	0.5	40,718	0.3	26,278	0.6
\$5,000 to \$20,000	19	104	2.4	231,024	1.8	144,971	3.2
\$20,000 to \$100,000	17	299	6.9	852,992	6.7	399,621	8.7
\$100,000 to \$1,000,000	20	2,875	66.4	5,885,853	46.5	2,121,465	46.2
\$1,000,000 and over	3	1,030	23.8	5,639,508	44.6	1,900,462	41.4
PEEKSKILL	53	1,781	100.0	8,301,092	100.0	5,258,171	100.0
Less than \$5,000	11	9	0.5	26,129	0.3	17,439	0.3
\$5,000 to \$20,000	26	98	5.5	252,370	3.0	120,880	2.3
\$20,000 to \$100,000	8	145	8.1	317,712	3.8	157,918	3.0
\$100,000 and over	8	1,529	85.9	7,704,881	92.8	4,961,934	94.4
PLATTSBURG	39	822	100.0	1,883,867	100.0	801,147	100.0
Less than \$5,000	10	13	1.6	31,230	1.7	13,648	1.7
\$5,000 to \$20,000	14	56	6.8	130,666	6.9	65,382	8.5
\$20,000 to \$100,000	11	302	36.7	461,574	24.5	255,509	31.9
\$100,000 to \$1,000,000	4	451	54.9	1,260,397	66.9	463,608	57.9
PORT CHESTER	50	2,278	100.0	6,741,228	100.0	2,376,452	100.0
Less than \$5,000	16	14	0.6	44,360	0.7	30,370	1.3
\$5,000 to \$20,000	21	71	3.1	213,760	3.2	110,481	4.6
\$20,000 to \$100,000	7	94	4.1	243,202	3.6	127,629	5.4
\$100,000 and over	6	2,099	92.1	6,239,906	92.6	2,107,972	88.7
POUGHKEEPSIE	176	4,729	100.0	12,791,325	100.0	6,676,197	100.0
Less than \$5,000	50	56	1.2	100,273	0.8	51,285	0.8
\$5,000 to \$20,000	64	274	5.8	594,310	4.6	324,005	4.9
\$20,000 to \$100,000	41	857	18.1	1,913,185	15.0	1,072,407	16.1
\$100,000 to \$1,000,000	18	1,612	34.1	4,189,343	32.8	2,135,167	32.0
\$1,000,000 and over	3	1,930	40.8	5,989,214	46.8	3,093,333	46.3
RENSSELAER	32	811	100.0	2,755,418	100.0	1,332,753	100.0
Less than \$5,000	15	9	1.1	30,835	1.1	19,252	1.4
\$5,000 to \$20,000	10	88	10.9	112,800	4.1	76,510	5.7
\$20,000 to \$100,000	3	24	3.0	165,445	6.0	49,518	3.7
\$100,000 and over	4	690	85.1	2,446,338	88.8	1,187,473	89.1
ROCHESTER	1,244	44,113	100.0	140,696,682	100.0	82,167,133	100.0
Less than \$5,000	372	407	0.9	936,305	0.7	608,628	0.7
\$5,000 to \$20,000	421	2,732	6.2	4,473,757	3.2	2,862,476	3.6
\$20,000 to \$100,000	269	6,099	13.8	12,282,768	8.7	7,089,148	8.5
\$100,000 to \$1,000,000	160	17,274	39.2	50,166,889	35.7	27,235,311	33.1
\$1,000,000 and over	22	17,601	39.9	72,836,963	51.8	44,371,530	54.0
ROME	95	3,937	100.0	16,730,073	100.0	4,267,168	100.0
Less than \$5,000	35	55	1.4	81,988	0.5	46,548	1.1
\$5,000 to \$20,000	21	72	1.8	188,520	1.1	90,598	2.1
\$20,000 to \$100,000	22	422	10.7	1,020,532	6.1	436,339	10.2
\$100,000 to \$1,000,000	14	1,419	36.0	4,869,081	29.1	1,619,037	37.9
\$1,000,000 and over	3	1,969	50.0	10,569,962	63.2	2,074,646	48.6
SARATOGA SPRINGS	51	869	100.0	2,893,451	100.0	1,477,949	100.0
Less than \$5,000							

Table 27—Contd.

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.
WATERVLIET.....	40	759	100.0	\$1,611,501	100.0	\$806,343	100.0
Less than \$5,000.....	14	9	1.2	30,683	1.9	16,322	2.0
\$5,000 to \$20,000.....	13	56	7.4	117,089	7.3	70,133	8.7
\$20,000 to \$1,000,000 ¹ .	13	694	91.4	1,463,729	90.8	719,888	89.3
WHITE PLAINS.....	44	316	100.0	990,166	100.0	632,634	100.0
Less than \$5,000.....	13	8	2.5	30,562	3.1	22,951	3.6
\$5,000 to \$20,000.....	19	85	26.9	192,025	19.4	126,215	19.9
\$20,000 to \$100,000.....	9	114	36.1	332,134	33.5	224,340	35.5
\$100,000 and over.....	3	109	34.5	435,445	44.0	259,128	41.0
YONKERS.....	186	12,650	100.0	67,222,673	100.0	15,114,317	100.0
Less than \$5,000.....	84	61	0.5	169,993	0.3	108,121	0.7
\$5,000 to \$20,000.....	58	210	1.7	596,788	0.9	319,869	2.1
\$20,000 to \$100,000.....	27	338	2.7	1,107,189	1.6	599,475	4.0
\$100,000 to \$1,000,000.....	11	711	5.6	3,490,577	5.2	1,889,535	12.5
\$1,000,000 and over.....	6	11,330	89.6	61,858,126	92.0	12,197,317	80.7

¹ Includes the group "\$100,000 to \$1,000,000."

In the cities the same general condition prevails as that found throughout the state, namely, a majority of the wage earners and the bulk of manufactures reported by establishments having products valued at

\$100,000 and over. There are 15 cities in which over 90 per cent of the value of products was reported by establishments of such size—Yonkers, with 97.2 per cent, heading the list. In 31 cities less than 5 per cent of the total value of products was contributed by establishments with products valued at less than \$20,000.

Of the total number of establishments in each of the 5 leading cities, those having products valued at less than \$20,000 represented 59.2 per cent, in New York; 68.3 per cent, in Buffalo; 63.7 per cent, in Rochester; 76.3 per cent, in Yonkers; and 67 per cent, in Syracuse. The value of their products, however, formed only 5.5, 3.7, 1.1, and 5.6 per cent, respectively.

Table 28 shows the size of establishments in 1914 as measured by the number of wage earners employed, for all industries combined, for 58 of the more important industries, and for each of 52 cities having more than 10,000 inhabitants.

Table 29 presents, for 1914, percentages based on the figures in Table 28, and for 1909, similar percentages for all industries combined and for individual industries.

Table 28

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.		1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.
	Establishments.	Wage earners (average number).	Establishments.	Wage earners.	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.....	48,203	1,057,857	5,871	22,761	52,663	10,764	122,244	4,831	156,090	2,063	146,169	1,272	195,018	406	138,995	169	117,016	66	129,662
Agricultural implements.....	50	5,392	5	12	21	194	9	329	3	215	2	309	1	400	2	1,433	2	2,401	
Artificial flowers and feathers and plumes.....	369	7,715	17	115	325	1,482	76	2,502	20	1,371	14	2,085	.....	.....	.....	.....	.....	.....
Automobiles, including bodies and parts.....	247	12,122	8	107	252	735	27	908	15	961	13	1,998	6	2,332	2	1,517	2	3,419	
Boots and shoes, including cut stock and findings.....	309	27,561	14	81	215	86	1,012	43	1,460	23	1,537	35	5,552	15	5,245	0	6,054	3	6,486
Boxes, fancy and paper.....	331	14,192	4	47	156	121	1,556	92	2,995	41	2,820	19	2,761	6	1,927	.....	1	1,977	
Brass, bronze, and copper products.....	223	6,627	25	97	233	60	714	21	656	12	843	8	1,329	3	923	1	705	1	1,224
Bread and other bakery products	4,249	27,002	348	3,095	7,807	668	5,938	82	2,592	28	2,158	18	2,636	8	2,084	1	981	1	2,206
Brick, tile, pottery, and other clay products.....	189	7,494	3	19	58	866	71	2,257	27	1,814	7	1,052	3	880	1	567	.....	.....
Buttons.....	224	5,223	4	116	316	57	557	23	700	12	882	8	1,125	3	1,066	1	577	.....	.....
Canning and preserving.....	987	8,757	11	774	1,397	113	1,117	54	1,812	20	1,265	11	1,727	3	765	1	674	.....	.....
Carpets and rugs, other than rag.	14	12,540	.....	.....	.....	2	27	1	24	2	190	4	779	.....	.....	7	1,116	3	10,404
Carriages and wagons, and materials.....	604	3,911	61	388	955	126	1,304	15	499	11	740	3	413	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by electric-railroad companies.....	61	4,921	.....	23	54	16	213	11	336	4	315	3	541	2	755	.....	.....	2	2,707
Cars and general shop construction and repairs by steam-railroad companies.....	107	20,234	.....	5	14	12	168	18	566	19	1,522	31	4,780	9	2,652	11	8,278	2	2,254
Chemicals.....	70	7,780	1	12	34	19	219	11	383	11	747	11	1,834	1	318	3	2,409	1	1,836
Clothing, men's, including shirts.	2,627	81,370	108	664	1,901	983	12,345	557	18,058	181	12,676	86	13,310	31	10,153	15	10,485	2	2,442
Clothing, women's.....	3,835	108,393	83	720	2,298	1,486	18,720	1,010	32,539	376	26,612	134	19,393	25	8,234	1	597	.....	.....
Confectionery.....	349	10,768	24	170	417	79	861	28	913	17	1,173	24	3,578	3	911	4	2,915	.....	.....
Copper, tin, and sheet-iron products.....	791	16,040	62	437	995	191	2,175	49	1,527	22	1,572	16	2,539	8	2,804	5	3,065	1	1,363
Cordage and twine and jute and linen goods.....	17	5,505	.....	2	5	3	42	4	130	.....	.....	4	585	1	340	1	844	2	3,559
Cotton goods, including cotton small wares.....	51	9,127	.....	4	9	15	159	6	177	8	562	9	1,320	4	1,435	2	1,349	3	4,116
Cutlery and tools, not elsewhere specified.....	150	4,857	19	68	157	27	312	10	328	12	802	9	1,524	4	1,224	1	510	.....	.....
Dyeing and finishing textiles.....	99	5,514	3	17	52	48	560	15	477	3	190	8	1,320	4	1,320	.....	.....	1	1,595
Electrical machinery, apparatus, and supplies.....	215	23,738	8	74	189	60	674	23	697	20	1,492	18	2,816	7	2,057	3	1,986	2	13,827
Fancy articles, not elsewhere specified.....	278	3,576	31	121	339	80	881	30	920	11	772	5	664	.....	.....	.....	.....	.....

Table 28—Continued.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Estab-lish-ments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.	
			Estab-lish-ments.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.
Food preparations, not elsewhere specified.....	287	4,031	36	160	345	54	540	18	606	11	870	7	1,215	1	455				
Foundry and machine-shop products.....	3,093	66,690	171	1,748	4,059	643	6,995	259	8,292	141	9,903	87	13,618	32	11,612	7	4,490	5	7,721
Fur goods.....	877	5,904	58	552	1,390	200	2,046	56	1,602	6	611	2	2,255	2					
Furnishing goods, men's.....	346	17,495	32	101	292	101	1,169	51	1,764	35	2,573	20	3,054	3	896	3	2,352	1	5,395
Furniture and refrigerators.....	758	22,153	29	309	794	184	2,222	117	3,852	71	5,414	40	6,295	7	2,998	1	578		
Gas and electric fixtures and lamps and reflectors.....	183	4,501	9	68	185	54	648	32	1,021	10	647	8	1,244	3	756				
Gas, illuminating and heating.....	131	10,900	9	57	136	22	243	20	682	5	353	12	2,134	3	1,202			3	5,340
Gloves and mittens, leather.....	216	6,026	11	69	162	69	797	32	1,014	22	1,534	10	1,665	3	954				
Hats and caps, other than felt, straw, and wool.....	293	4,187	14	108	326	128	1,473	28	860	11	777	3	487	1	264				
Hats, fur-felt.....	39	3,563	1	13	33	10	133	5	126	4	302	1	105	4	1,471			1	1,393
Hosiery and knit goods.....	483	40,095	15	146	454	128	1,381	50	1,683	50	3,652	58	9,198	20	7,482	12	8,912	4	7,333
Iron and steel, steel works and rolling mills.....	24	10,788	1	1	1			3	115	5	458	4	772	3	912	5	3,328	3	5,202
Jewelry.....	566	5,051	87	285	674	137	1,497	41	1,311	13	832	1	118	2	619				
Leather goods.....	605	7,473	80	290	605	142	1,738	58	1,778	24	1,688	10	1,412	1	252				
Leather, tanned, curried, and finished.....	98	5,360	6	19	52	19	237	24	799	15	1,002	11	1,479	3	955	1	836		
Liquors, malt.....	153	9,826	2	6	20	38	512	47	1,663	35	2,482	19	2,717	4	1,812	2	1,120		
Lumber and timber products.....	1,776	21,503	108	1,042	2,237	391	4,297	154	4,932	47	3,345	28	4,476	5	1,605	1	611		
Marble and stone work.....	551	4,798	64	315	695	118	1,316	41	1,235	8	516	3	382	2	654				
Millinery and lace goods.....	1,308	26,124	61	428	1,195	495	5,672	196	6,397	91	6,197	32	4,661	5	2,002				
Musical instruments, pianos and organs and materials.....	160	12,602	1	23	55	45	594	36	1,206	22	1,619	20	3,200	10	3,823	3	2,105		
Paper and wood pulp.....	150	13,570	11	33	30	428	38	1,259	30	2,134	27	3,939	11	3,870	3	1,907			
Paper goods, not elsewhere specified.....	113	4,639	4	34	82	33	382	20	651	10	760	7	984	5	1,780				
Patent medicines and compounds and druggists' preparations.....	806	5,699	221	417	861	107	1,193	42	1,395	12	849	5	720	2	681				
Photographic apparatus and materials.....	59	7,426	2	27	60	12	134	7	208	2	129	5	737	3	788			1	5,370
Printing and publishing.....	4,806	64,020	1,563	1,840	4,626	883	9,637	291	9,583	108	7,686	81	11,884	26	9,238	12	8,270	2	3,096
Rubber goods, not elsewhere specified.....	45	3,633	5	14	36	9	96	7	222	2	194	3	556	2	641	3	1,888		
Shipbuilding, including boat building.....	207	6,076	34	103	225	31	362	18	544	10	708	6	785	2	534	2	1,393	1	1,525
Silk goods, including throwsters.....	143	11,659	1	12	42	36	471	31	1,034	33	2,452	17	2,550	10	3,266	3	1,844		
Slaughtering and meat packing.....	337	6,641	27	211	426	55	635	21	730	11	705	5	792	4	1,204	3	2,149		
Soap.....	65	3,168	11	29	74	13	163	5	163	2	164	2	370	1	393	1	671	1	1,117
Tobacco manufactures.....	2,871	30,489	1,115	1,352	2,639	234	2,407	84	2,609	31	2,209	31	4,799	8	2,577	12	7,808	4	5,441
Typewriters and supplies.....	61	4,446	2	27	65	15	151	7	210	2	128	5	1,053	1	298	1	817	1	1,724
Woolen, worsted, and felt goods, and wool hats.....	51	8,552	3	5	10	6	69	5	148	11	809	11	1,842	7	2,394	2	1,596	1	1,684
All other industries.....	10,091	159,220	1,250	5,771	11,575	1,804	19,775	701	22,611	272	19,236	191	29,700	67	22,682	26	18,279	9	15,362
Total for cities ¹	39,066	904,817	4,719	16,858	42,055	9,735	110,794	4,353	140,235	1,804	127,163	1,072	162,350	325	110,700	145	100,980	55	110,540
ALBANY.....	476	9,371	85	233	562	90	970	26	871	20	1,345	16	2,476	4	1,394	1	627	1	1,126
AMSTERDAM.....	117	10,774	5	57	135	23	255	11	374	2	130	7	1,118	4	1,353	6	3,933	2	3,470
AUBURN.....	123	5,769	19	51	132	25	268	13	410	3	225	6	1,139	3	964	2	1,522	1	1,109
BATAVIA.....	57	2,457	11	25	61	8	93	4	124	4	325	4	472						
BEACON.....	41	1,806	3	20	53	7	74	3	107	1	55	5	795	2	722				
BINGHAMTON.....	245	7,248	24	115	291	51	533	25	932	11	821	15	2,215	2	595	1	737	1	1,124
BUFFALO.....	2,225	54,416	384	1,019	2,264	418	4,618	184	5,704	102	7,104	77	11,820	26	8,711	11	7,447	4	6,748
COHOES.....	106	5,781	10	35	86	24	303	16	533	8	624	9	1,427	3	1,205			1	1,603
CORNING.....	58	2,203	10	25	46	12	125	4	161			6	970			1	901		
CORTLAND.....	59	2,459	7	25	56	11	137	10	300	1	68	4	716					1	1,182
DUNKIRK.....	62	2,989	13	26	50	13	154	6	172	1	71	1	183					1	2,027
ELMIRA.....	145	4,870	17	71	192	31	321	12	439	3	227	5	717	4	1,210	1	560	1	1,204
FULTON.....	51	3,042	4	18	35	12	128	8	245	2	154	6	796					1	1,684
GENEVA.....	52	1,692	3	26	64	9	78	5	185	3	212	5	884						
GLENS FALLS.....	82	2,532	12	31	77	17	187	13	339	2	147	5	858	2	874				
GLOVERSVILLE.....	211	5,335	25	80	186	50	648	27	858	15	1,041	11	1,648	3	954				
HORNELL.....	46	2,285	6	23	52	5	49	3	121	3	201	4	435	1	435				
HUDSON.....	48	1,423	12	19	39	7	79	6	194	1	60	2	365						
ITHACA.....	74	815	16	27	67	22	263	7	219			2	266						
JAMESTOWN.....	162	7,794	12	56	124	39	473	21	723	17	1,206	11	1,695	3	1,116	3	2,557		
JOHNSTOWN.....	126	2,532	13	40	121	40	473	18	585	9	596	6	757						
KINGSTON.....	118	3,076	8	54	127	28	313	16	513	6	468	4	733						
LITTLE FALLS.....	49	3,823	3	19	54	10	123	6	207	3	177	4	714	2	599	1	791	1	1,158
LOCKPORT.....	117	2,381	17	46	97	26	317	18	605	4	311	6	1,051						
MIDDLETOWN.....	77	1,989	11	41	107	10	125	7	218	4	307	3	492						
MOUNT VERNON.....	133	1,346	23	73	164	22	246	8	277	5	358	2	301						
NEW ROCHELLE.....	61	879	13	27	56	13	137	5	166	1	58	2	453						
NEW YORK CITY.....	29,621	585,279	3,351	12,643	32,289	7,894	89,624	3,456	111,004	1,360	95,763	689	103,549	191	63,629	72	49,054	25	40,367
NEWBURGH.....	128	4,318	22	57	141	21	242	11	330	5	413	7	1,169						
NIAGARA FALLS.....	156	9,390	17	52	135	38	413	17	533	13	971	9	1,415	5	2,081	5	3,842		

¹ Excludes Lackawanna, to avoid disclosure of individual operations.

MANUFACTURES.

Table 28—Continued.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.	
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
NORTH TONAWANDA.....	74	3,574	6	32	58	11	134	8	262	9	691	4	664	3	1,134	1	631		
OGDENSBURG.....	71	898	7	34	77	22	261	7	232					1	328				
OLEAN.....	53	2,633	2	20	38	13	161	7	217	6	403	3	385	1	461	1	968		
ONEONTA.....	36	1,337	4	17	32	9	93	2	71	3	174					1	967		
OSSINING.....	32	373	2	19	38	4	39	5	152	2	144								
OSWEGO.....	76	4,331	8	21	59	20	212	7	227	7	473	7	920	5	1,870	1	570		
PEEKSKILL.....	53	1,781	7	23	53	12	105	4	140	2	161	3	523	1	283	1	516		
PLATTSBURG.....	39	822		22	48	8	87	5	157	3	224								
PORT CHESTER.....	50	2,278	10	25	62	8	78	3	122					2	733	2	1,283		
POUGKEEPSIE.....	176	4,729	17	86	184	36	393	21	711	6	396	6	798	1	316	3	1,931		
RENSSELAER.....	32	811	10	12	22	5	56	2	75	1	73			2	585				
ROCHESTER.....	1,244	44,113	164	506	1,188	284	3,240	142	4,774	58	4,041	54	7,087	23	8,046	10	6,891	3	8,240
ROME.....	95	3,937	8	47	96	17	169	9	284	5	362	5	783	3	1,019			1	1,224
SARATOGA SPRINGS.....	51	869	8	25	60	13	148	1	36	1	98	2	225	1	302				
SCHENECTADY.....	185	17,707	30	117	237	22	229	7	225	4	284	3	498					2	16,234
SYRACUSE.....	742	17,551	109	356	837	141	1,538	67	2,210	32	2,289	22	3,525	9	3,092	6	4,060		
TROY.....	364	17,421	65	152	358	74	783	37	1,168	16	1,086	8	1,141	5	1,974	5	4,187	2	6,721
UTICA.....	306	12,714	34	141	364	57	583	30	956	23	1,607	12	1,784	4	1,515	2	1,471	3	4,434
WATERTOWN.....	91	3,148	11	36	77	20	244	6	209	12	838	5	781			1	990		
WATERVLEIT.....	40	759	9	17	34	5	69	5	141	1	79	3	436						
WHITE PLAINS.....	44	316	7	23	57	10	119	4	140										
YONKERS.....	186	12,650	45	93	213	28	284	8	227	4	296	2	301	1	430	2	1,405	3	9,494

Table 29

INDUSTRY AND CITY.	Census year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.								INDUSTRY AND CITY.	Census year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.								
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000			1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000	
All industries.....	1914	5.0	11.6	14.8	13.8	18.4	13.1	11.1	12.2	Copper, tin, and sheet-iron products.	1914	6.2	13.6	9.5	9.8	15.8	17.5	19.1	8.5	
	1909	4.8	12.1	16.2	14.5	18.9	13.2	9.8	10.6		1909	6.4	13.5	11.7	13.7	15.1	17.0	13.0	9.7	
Agricultural implements.....	1914	0.4	3.6	6.1	4.0	5.7	7.4	26.6	46.2	Cordage and twine and jute and linen goods.	1914	0.1	0.8	2.4	1.1	1.3	10.6	6.2	15.3	64.6
	1909	0.9	2.2	8.5	5.6	2.6	12.0	37.3	30.9		1909	0.1	1.1	1.1	1.3	12.5	14.1	13.9	56.9	
Artificial flowers and feathers and plumes.	1914	4.2	19.2	32.4	17.8	26.4				Cotton goods, including cotton small wares.	1914	0.1	1.7	1.9	6.2	14.5	15.7	14.8	45.1	
	1909	2.6	16.4	33.3	20.0	23.9	3.9				1909	0.1	1.0	2.5	5.8	11.6	15.9	10.6	52.5	
Automobiles, including bodies and parts.	1914	2.1	6.1	7.5	7.9	16.5	19.2	12.5	28.2	Cutlery and tools, not elsewhere specified.	1914	3.2	6.4	6.8	16.5	31.4	25.2	10.5		
	1909	0.8	3.9	7.8	9.5	17.0	10.0	15.4	35.7		1909	3.6	7.8	9.3	23.3	33.7				
Boots and shoes, including cut stock and findings.	1914	0.8	3.7	5.3	5.6	20.1	19.0	22.0	23.5	Dyeing and finishing textiles...	1914	0.9	10.2	8.7	3.4	23.9	23.9		28.9	
	1909	1.2	4.0	6.1	10.1	22.6	17.5	33.1	5.4		1909	0.9	8.4	8.6	5.9	10.3	28.1			
Boxes, fancy and paper.....	1914	1.1	11.0	21.1	19.9	19.4	13.6		13.9	Electrical machinery, apparatus, and supplies.	1914	0.8	2.8	2.9	6.3	11.9	8.7	8.4	58.2	
	1909	1.2	12.7	25.7	23.3	28.0	2.7	6.4			1909	1.2	3.6	4.5	6.0	12.3	2.4	3.4	66.7	
Brass, bronze, and copper products.	1914	3.5	10.8	9.9	12.7	20.1	13.9	10.6	18.5	Fancy articles, not elsewhere specified.	1914	9.5	24.6	25.7	21.6	18.6				
	1909	4.6	13.7	8.8	11.9	25.4	20.9	14.8			1909	5.5	20.7	21.3	20.5	14.3		17.8		
Bread and other bakery products.	1914	28.9	22.0	9.6	8.0	9.8	9.9	3.6	8.2	Food preparations, not elsewhere specified.	1914	8.6	13.4	15.0	21.6	30.1	11.3			
	1909	35.9	24.7	8.5	8.8	7.2	7.2		7.6		1909	7.5	11.2	9.7	22.0	38.0	11.5			
Brick, tile, pottery, and other clay products.	1914	0.8	11.6	30.1	24.2	14.0	11.7	7.6		Foundry and machine-shop products.	1914	6.1	10.5	12.4	14.8	20.4	17.4	6.7	11.6	
	1909	0.9	8.7	26.3	25.6	27.6	11.0				1909	2.9	9.8	13.7	15.1	20.6	17.2	12.4	8.3	
Buttons.....	1914	6.1	10.7	13.4	16.9	21.5	20.4	11.0		Fur goods.....	1914	23.5	34.7	27.1	10.3	4.3				
	1909	3.2	9.4	7.8	15.1	25.1	26.9	12.5			1909	15.7	36.4	27.3	9.8	10.8				
Canning and preserving.....	1914	16.0	12.8	20.7	14.4	19.7	8.7	7.7		Furnishing goods, men's.....	1914	1.7	6.7	10.1	14.7	17.5	5.1	13.4	30.8	
	1909	15.7	19.3	22.3	18.5	16.7		7.4			1909	1.9	8.0	10.1	8.6	15.2	11.0	14.6	30.6	
Carpets and rugs, other than rag	1914		0.2	0.2	1.5	6.2		8.9	83.0	Furniture and refrigerators.....	1914	3.6	10.0	17.4	24.4	28.4	13.5	2.6		
	1909		0.4	0.4	2.7	1.9	6.0	4.7	83.9		1909	3.2	11.2	19.4	24.6	23.2	18.5			
Carriages and wagons and materials.	1914	24.4	33.3	12.8	18.9	10.6				Gas and electric fixtures and lamps and reflectors.	1914	4.1	14.4	22.7	14.4	27.6	16.8			
	1909	14.9	26.4	13.4	21.1	13.2	6.0				1909	2.9	10.6	18.6	15.5	41.5	10.9			
Cars and general shop construction and repairs by electric-railroad companies.	1914	1.1	4.3	6.8	6.4	11.0		55.0		Gas, illuminating and heating..	1914	1.3	2.4	6.8	3.5	21.1	11.9		52.9	
	1909	1.5	4.4	7.2	9.7	11.4		12.7	53.1		1909	2.3	4.4	6.0	4.9	17.8	21.3		43.3	
Cars and general shop construction and repairs by steam-railroad companies.	1914	0.1	0.8	2.8	7.5	23.6	13.1	40.9	11.1	Gloves and mittens, leather....	1914	2.7	13.2	16.8	25.4	26.0	15.8			
	1909	0.1	1.0	2.4	6.0	10.4	18.3	49.9	11.9		1909	3.3	13.4	11.5	26.3	23.6	21.8			
Chemicals.....	1914	0.4	2.8	4.9	9.6	23.6	4.1	31.0	23.6	Hats and caps, other than felt, straw, and wool.	1914	7.8	35.2	20.5	18.6	11.6	6.3			
	1909	1.3	3.9	9.5	9.3	25.9	12.0	12.4	25.6		1909	9.0	35.0	21.8	15.9	10.1	8.2			
Clothing, men's, including shirts	1914	2.3	15.2	22.2	15.6	16.4	12.5	12.9	3.0	Hats, fur-felt.....	1914	0.9	3.7	3.5	8.5	2.9	41.3		39.1	
	1909	1.9	16.1	26.4	16.3	15.1	12.7	9.2	2.3		1909	0.7	2.2	5.1	5.6		30.3	10.5	45.5	
Clothing, women's.....	1914	2.1	17.3	30.0	24.6	17.9	7.6	0.6		Hosiery and knit goods.....	1914	1.1	3.4	4.2	9.1	22.9	18.7	22.2	18.3	
	1909	1.6	15.0	29.3	22.5	22.6	7.8	1.1			1909	0.9	4.3	5.3	9.2	28.7	22.7	17.9	11.8	
Confectionery.....	1914	3.9	8.0	8.5	10.9	33.2	8.5	27.1		Iron and steel, steelworks and rolling mills.	1914	(1)		1.1	4.2	7.2	8.5	30.8	48.2	
	1909	2.8	8.4	14.3	12.9	31.4	16.9	13.3			1909	(1)	0.1	1.2	2.9	5.8	22.0	15.6	52.4	

1 Less than one-tenth of 1 per cent.

Table 29—Continued.

PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.

INDUSTRY AND CITY.	Cen- sus year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
Jewelry.....	1914	13.3	29.6	26.0	16.5	2.3	12.3	.....	.....
	1909	10.6	28.6	27.9	15.6	5.6	11.7	.....	.....
Leather goods.....	1914	8.1	23.3	23.8	22.6	18.9	3.4	.....	.....
	1909	7.0	22.6	28.9	20.0	18.5	7.9	.....	.....
Leather, tanned, curried, and finished.....	1914	1.0	4.4	14.9	18.7	27.6	17.8	15.6	.....
	1909	0.9	5.4	14.2	23.5	34.3	21.6	.....	.....
Liquors, malt.....	1914	0.2	5.2	16.9	25.3	27.7	13.4	11.4	.....
	1909	0.5	7.1	26.8	28.1	24.8	12.7	.....	.....
Lumber and timber products.....	1914	10.4	20.0	22.9	15.6	20.8	7.5	2.8	.....
	1909	9.8	20.4	20.3	17.5	19.4	7.5	5.0	.....
Marble and stone work.....	1914	14.5	27.4	25.7	10.8	8.0	13.6	.....	.....
	1909	13.4	23.5	32.6	16.5	14.0	.....	.....	.....
Millinery and lace goods.....	1914	4.6	21.7	24.5	23.7	17.8	7.7	.....	.....
	1909	3.7	20.7	30.3	21.9	20.0	3.4	.....	.....
Musical instruments, pianos and organs and materials.....	1914	0.4	4.7	9.6	12.8	25.4	30.3	16.7	.....
	1909	0.6	5.5	11.2	16.6	30.6	19.8	15.7	.....
Paper and wood pulp.....	1914	0.2	3.2	9.3	15.7	29.0	28.5	14.1	.....
	1909	0.2	4.9	14.2	23.3	32.2	21.2	4.1	.....
Paper goods, not elsewhere specified.....	1914	1.8	8.2	14.0	16.4	21.2	38.4	.....	.....
	1909	2.7	9.3	10.3	14.1	31.2	32.3	.....	.....
Patent medicines and compounds and druggists' preparations.....	1914	15.1	20.9	24.5	14.9	12.6	11.9	.....	.....
	1909	18.2	26.2	24.8	19.2	11.6	.....	.....	.....
Photographic apparatus and materials.....	1914	0.8	1.8	2.8	1.7	9.9	10.6	72.3	.....
	1909	1.1	3.2	6.8	5.5	5.6	.....	77.9	.....
Printing and publishing.....	1914	7.2	15.1	15.0	12.0	18.6	14.4	12.9	4.8
	1909	7.3	15.2	14.6	12.8	17.2	13.5	11.5	7.8
Rubber goods, not elsewhere specified.....	1914	1.0	2.6	6.1	5.3	15.3	17.6	52.0	.....
	1909	2.1	9.9	12.9	.....	31.8	43.2	.....	.....
Shipbuilding, including boat building.....	1914	3.7	6.0	9.0	11.7	12.9	8.8	22.9	25.1
	1909	4.7	12.8	10.6	16.5	6.2	10.3	9.7	29.1
Silk goods, including throwsters.....	1914	0.4	4.0	8.9	21.0	21.9	28.0	15.8	.....
	1909	0.5	3.7	9.2	17.5	32.3	28.7	8.1	.....
Slaughtering and meat packing.....	1914	6.4	9.6	11.0	10.6	11.9	18.1	32.4	.....
	1909	5.1	9.0	12.6	9.9	13.2	22.3	27.9	.....
Soap.....	1914	2.3	5.1	5.1	5.2	11.7	12.4	21.2	36.9
	1909	2.4	5.2	6.5	2.3	26.1	20.5	.....	37.0
Tobacco manufactures.....	1914	8.7	7.9	8.6	7.2	15.7	8.5	25.6	17.8
	1909	10.8	10.1	9.6	8.5	16.6	13.8	13.0	17.1
Typewriters and supplies.....	1914	1.5	3.4	4.7	2.9	23.7	6.7	18.4	38.8
	1909	1.4	3.4	2.7	3.4	6.0	7.1	11.3	64.7
Woolen, worsted, and felt goods, and wool hats.....	1914	0.1	0.8	1.7	9.5	21.5	28.0	18.7	19.7
	1909	0.2	1.2	3.0	7.5	21.8	24.2	23.9	17.5
All other industries.....	1914	7.3	12.4	14.2	12.1	18.7	14.2	11.5	9.6
	1909	7.8	13.7	15.4	12.7	18.5	12.7	11.4	7.9
Total for cities.....	1914	4.6	12.2	15.5	14.1	17.9	12.2	11.2	12.2
ALBANY.....	1914	6.0	10.4	9.3	14.4	26.4	14.9	6.7	12.0
AMSTERDAM.....	1914	1.2	2.4	3.5	1.3	10.4	12.6	36.5	32.2
AUBURN.....	1914	2.3	4.6	7.1	8.9	13.7	16.7	26.4	19.2
BATAVIA.....	1914	2.5	3.8	5.0	13.2	19.2	.....	.....	56.2
BEACON.....	1914	2.9	4.1	5.9	3.0	44.0	40.0	.....	.....
BINGHAMTON.....	1914	4.0	7.4	12.9	11.3	30.6	8.2	10.2	15.5
BUFFALO.....	1914	4.2	8.5	10.5	13.1	21.7	16.0	13.7	12.4
CORHES.....	1914	1.5	5.2	9.2	10.8	24.7	20.8	.....	27.7
CORNING.....	1914	2.1	5.7	7.3	.....	44.0	.....	40.9	.....
CORTLAND.....	1914	2.3	5.6	12.2	2.8	29.1	.....	.....	48.1
DUNKIRK.....	1914	1.7	5.2	5.8	2.4	6.1	11.1	.....	67.8
ELMIRA.....	1914	3.9	6.0	9.0	4.7	14.7	24.8	11.5	24.7
FULTON.....	1914	1.1	4.2	8.1	5.1	26.2	.....	.....	55.4
GENEVA.....	1914	3.8	4.6	10.9	12.5	52.2	15.9	.....	.....
GLENS FALLS.....	1914	3.0	7.4	15.4	5.8	33.9	34.5	.....	.....
GLOVERSVILLE.....	1914	3.5	12.1	16.1	19.5	30.9	17.9	.....	.....
HORNELL.....	1914	2.3	2.1	5.3	8.8	35.2	19.0	27.2	.....
HUDSON.....	1914	2.7	5.6	13.6	4.2	25.7	.....	48.2	.....
ITHACA.....	1914	8.2	32.3	26.9	.....	32.6	.....	.....	.....
JAMESTOWN.....	1914	1.6	6.1	9.3	15.5	20.5	14.3	32.8	.....
JOHNSTOWN.....	1914	4.8	18.7	23.1	23.5	29.9	.....	.....	.....
KINGSTON.....	1914	4.1	10.2	16.7	15.2	23.8	13.4	16.6	.....
LITTLE FALLS.....	1914	1.4	3.2	5.4	4.6	18.7	15.7	20.7	30.3
LOCKPORT.....	1914	4.1	13.3	25.4	13.1	44.1	.....	.....	.....
MIDDLETOWN.....	1914	5.4	6.3	11.0	15.4	24.7	.....	37.2	.....

Table 29—Continued.

PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.

INDUSTRY AND CITY.	Cen- sus year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
MOUNT VERNON.....	1914	12.2	18.3	20.6	26.6	22.4	.....	.....	.....
NEW ROCHELLE.....	1914	6.4	15.7	19.1	6.7	52.1	.....	.....	.....
NEW YORK CITY.....	1914	5.5	15.3	19.0	16.4	17.7	10.9	8.4	6.9
NEWBURGH.....	1914	3.3	5.6	7.6	9.6	27.1	33.6	13.2	.....
NIAGARA FALLS.....	1914	1.4	4.4	5.7	10.3	15.1	22.2	40.9	.....
NORTH TONAWANDA.....	1914	1.6	3.7	7.3	19.3	18.6	31.7	17.7	.....
OGDENSBURG.....	1914	8.6	29.1	25.8	.....	36.5	.....	.....	.....
OLEAN.....	1914	1.4	6.1	8.2	15.3	14.6	17.5	86.8	.....
ONEONTA.....	1914	2.4	7.0	5.3	13.0	.....	.....	72.3	.....
OSSINING.....	1914	10.2	10.5	40.8	38.6	.....	.....	.....	.....
OSWEGO.....	1914	1.4	4.9	5.2	10.9	21.2	43.2	13.2	.....
PEESKILL.....	1914	3.0	5.9	7.9	9.0	29.4	15.9	29.0	.....
PLATTSBURGH.....	1914	5.8	10.6	19.1	27.3	.....	37.2	.....	.....
PORT CHESTER.....	1914	2.7	3.4	5.4	.....	32.2	56.3	.....	.....
POUGHKEEPSIE.....	1914	3.9	8.3	15.0	8.4	16.9	6.7	40.8	.....
RENSSELAER.....	1914	2.7	6.9	9.2	9.0	.....	72.1	.....	.....
ROCHESTER.....	1914	2.7	7.3	10.8	9.2	17.4	18.2	15.6	18.7
ROME.....	1914	2.4	4.3	7.2	9.2	19.9	25.9	.....	31.1
SARATOGA SPRINGS.....	1914	6.9	17.0	4.1	11.3	25.9	34.8	.....	.....
SCHENECTADY.....	1914	1.3	1.3	1.3	1.6	2.8	.....	.....	91.7
SYRACUSE.....	1914	4.8	8.8	12.6	13.0	20.1	17.6	23.1	.....
TROY.....	1914	2.1	4.5	6.7	6.2	6.6	11.3	24.0	38.6
UTICA.....	1914	2.9	4.6	7.5	12.6	14.0	11.9	11.6	34.9
WATERTOWN.....	1914	2.4	7.8	6.6	26.6	24.8	.....	31.7	.....
WATERVLIET.....	1914	4.5	9.1	18.6	10.4	57.4	.....	.....	.....
WHITE PLAINS.....	1914	18.0	37.7	44.3	.....	.....	.....	.....	.....
YONKERS.....	1914	1.7	2.2	1.8	2.3	2.4	3.4	11.1	75.1

Of the 48,203 establishments in the state, 5,871, or 12.2 per cent, employed no wage earners in 1914. These are comparatively small plants, in which the work was done by the proprietors or firm members. Some of these establishments employed a few wage earners for a short time, but the number was so small and the period of employment so short that in computing the average number, as described in the "Explanation of terms," no wage earners could be shown. Nearly one-half of these small plants were printing and publishing establishments, and tobacco factories. Of the remaining groups, those employing 50 or less wage earners constituted 79.6 per cent of all establishments, but gave employment to only 31.4 per cent of the total wage earners.

The groups of establishments having more than 50 wage earners represented only 8.2 per cent of the total number of establishments in the state, but gave employment to 726,860 wage earners, or 68.7 per cent of the total.

The largest single group consisted of the 22,761 establishments employing from 1 to 5 wage earners. While this group represented 47.2 per cent of the factories of the state, it employed only 5 per cent of the total wage earners. A majority of the carriage and wagon factories, bakeries, flour mills and grist-mills, foundry and machine shops, lumber mills, and tobacco factories employed from 1 to 5 wage earners only. In the following industries the majority of wage earners were in establishments giving employment to more than 250 wage earners: Automobile factories, boot and shoe factories, cotton mills, railroad repair shops, chemical works, establishments dyeing and finishing textiles, electrical machinery factories,

gas plants, fur-felt hat establishments, knitting mills, steel works and rolling mills, shipbuilding plants, slaughtering and meat-packing establishments, soap factories, and woolen and worsted mills.

There were 641 establishments in the state, which gave employment to over 250 wage earners in 1914, compared with 585 establishments in 1909. The proportion of wage earners employed in the large establishments in 1914 was also greater than in 1909. Among the establishments reporting over 1,000 wage earners in 1914 there were 5 foundries and machine shops, 4 knitting mills, 4 tobacco factories, and 3 establishments each in the boot and shoe, carpet and rug, cotton-goods, and steel-works and rolling-mills industries. The cities reporting 3 or more of these large establishments were New York, 25; Buffalo, 4; and Rochester, Utica, and Yonkers 3 each.

There is considerable variation among the cities in the predominant group employing the largest number

of wage earners. In 15 of the cities listed, the greatest proportion of the total wage earners worked in establishments having from 101 to 250 wage earners each. The highest percentages of the total number of wage earners reported by establishments employing more than 250 wage earners each are shown for Schenectady, 91.7; Yonkers, 89.6; Port Chester, 88.5; and Amsterdam, 81.3. In New York, Mount Vernon, Ossining, and White Plains, the greatest proportion of wage earners were employed in establishments having less than 100 wage earners.

Engines and power.—Table 30 shows, for 1914, 1909, and 1904, for all industries combined, the number and total horsepower of engines or motors employed in generating power (including electric motors operated by purchased current). It also shows separately the number and horsepower of electric motors operated by current generated in the establishments reporting.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904
Primary power, total.....	115,469	67,137	19,032	2,356,655	1,997,662	1,516,592	100.0	100.0	100.0
Owned.....	18,883	21,239	19,032	1,676,993	1,579,977	1,345,697	71.2	79.1	88.7
Steam engines and turbines ¹	11,223	12,538	12,215	1,165,731	1,084,460	855,275	49.5	54.3	56.4
Internal-combustion engines.....	4,530	4,656	2,928	118,330	99,899	44,288	5.0	5.0	2.9
Water wheels, turbines, and motors.....	3,130	4,045	3,889	392,932	395,618	446,134	16.7	19.8	29.4
Rented.....	96,586	45,898	(?)	679,662	417,685	170,895	28.8	20.9	11.3
Electric.....	96,586	45,898	(?)	644,824	389,945	95,284	27.4	19.5	6.3
Other.....				34,838	27,740	76,611	1.4	1.4	5.0
Electric.....	131,391	66,979		1,043,132	689,976	222,111	100.0	100.0	100.0
Rented.....	96,586	45,898	(?)	644,824	389,945	95,284	61.8	56.5	42.9
Generated by establishments reporting.....	34,805	21,081	8,422	398,308	300,031	126,827	38.2	43.5	57.1

¹ Figures for horsepower include for 1909 and 1904 the amounts reported under the head of "other" owned power.

² Not reported.

There was an increase in primary power amounting to 358,993 horsepower, or 18 per cent, from 1909 to 1914, due, in part, to the increase in rented power. The use of rented power, largely electric, has greatly increased since 1904, when 170,895 horsepower of this character, representing 11.3 per cent of the total primary power, was reported. In 1909 the amount of such power had increased to 417,685 horsepower, or 20.9 per cent of the total, and in 1914, to 679,662 horsepower, or 28.8 per cent of the total. The increase in the use of electric motors run by current generated within the same establishment has not kept pace with the increase in rented electric power, the proportion of rented electric power representing 42.9 per cent in 1904, 56.5 per cent in 1909, and 61.8 per cent in 1914, whereas the proportion of electric current generated by the establishments reporting decreased from 57.1 per cent in 1904 to 43.5 per cent in 1909 and to 38.2 per cent in 1914.

At the last three censuses, steam power formed the

major part of the primary power, but notwithstanding an increase of 310,456 horsepower during the decade, the proportion which such power formed of the total primary power decreased from 56.4 per cent in 1904 to 54.3 per cent in 1909 and to 49.5 per cent in 1914. The use of internal-combustion engines increased very rapidly from 1904 to 1909 but decreased somewhat from 1909 to 1914. Water power represented a decreasing proportion of the total primary power at each successive census. The actual decrease from 1909 to 1914 was 2,686 horsepower, or seven-tenths of 1 per cent.

Fuel.—Closely related to the subject of power employed in manufactures is that of fuel consumed in generating power or otherwise used in manufacturing processes. Table 31 shows, for 1914, the quantity of each kind of fuel used, for which data were obtained, for all industries combined and for certain selected industries in the state as a whole, and for all industries combined in each city.

Table 31

INDUSTRY AND CITY.	COAL.				Gas (1,000 cubic feet).	INDUSTRY AND CITY.	COAL.				Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).			Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).	
All industries.....	3,617,927	9,831,153	2,274,487	5,103,039	4,050,639	Silk goods, including throwsters....	26,831	21,943	.....	167	20,209
Agricultural implements.....	2,109	63,680	12,497	41,197	9,504	Slaughtering and meat packing....	69,653	85,557	1,833	753	46,196
Artificial flowers and feathers and plumes.....	1,357	238	36	15	28,175	Scrap.....	27,874	107,922	.....	510	4,009
Automobiles, including bodies and parts.....	11,241	58,634	2,604	13,351	47,233	Tobacco manufactures.....	15,101	4,992	40	44	36,100
Boots and shoes, including cut stock and findings.....	27,671	29,846	.....	31	37,168	Typewriters and supplies.....	9,237	12,643	255	7,672	31,168
Boxes, fancy and paper.....	5,902	9,379	8,008	84	30,492	Wall plaster.....	41,324	34,109	852	186	10,466
Brass, bronze, and copper products.....	21,572	32,695	8,244	24,292	52,444	Wire.....	13,131	14,785	6,114	2,824	.....
Bread and other bakery products.....	190,935	20,741	31,549	1,008	379,927	Woolen, worsted, and felt goods, and wool hats.....	23,994	120,865	20	65	1,574
Brick, tile, pottery, and other clay products.....	85,429	205,908	3,743	27,045	65,288	All other industries.....	810,770	2,240,628	83,873	264,087	761,227
Butter, cheese, and condensed milk.....	17,229	145,424	108	614	8,150	Total for cities ¹	2,833,503	5,667,708	1,313,756	4,475,664	3,476,424
Canning and preserving.....	37,267	48,367	1,091	2,190	34,374	ALBANY.....	57,561	33,650	7,188	65,216	15,552
Carpets and rugs, other than rag.....	7,158	99,867	.....	.....	5,316	AMSTERDAM.....	1,285	81,693	210	2,534	6,294
Carriages and wagons and materials.....	3,694	21,137	137	1,854	14,228	AUBURN.....	9,702	54,512	3,974	23,671	6,906
Cars and general shop construction and repairs by steam-railroad companies.....	112,991	271,257	1,137	382,526	13,004	BATAVIA.....	150	24,985	2,915	3,415	45,059
Cement.....	44,871	484,398	15	1	31,440	BEACON.....	8,733	5,723	1,621	1,619	1,493
Chemicals.....	125,066	363,440	75,062	7,344	31,440	BINGHAMTON.....	19899	29,051	1,205	20,019	11,112
Clothing, men's, including shirts.....	24,293	17,050	2,099	883	244,446	BUFFALO.....	71,639	718,157	899,808	82,724	614,195
Clothing, women's.....	6,809	1,537	8	268	169,878	COHOES.....	3,515	44,644	1,089	7,279	312
Coffee and spice, roasting and grinding.....	7,734	5,476	.....	5	30,633	CORNING.....	1,973	55,300	651	8,635	15,556
Confectionery.....	53,892	18,190	1,028	81	58,121	CORTLAND.....	624	79,053	1,376	13,769	1,262
Copper, tin, and sheet-iron products.....	31,757	95,045	2,435	61,877	98,358	DUNKIRK.....	181	45,178	4,562	14,528	177,616
Cordage and twine and jute and linen goods.....	34,718	25,837	.....	27	692	ELMIRA.....	5,674	50,836	2,010	5,999	10,895
Cotton goods, including cotton small wares.....	24,160	67,417	.....	574	6,314	FULTON.....	683	87,007	606	48	491
Cutlery and tools, not elsewhere specified.....	3,525	12,766	398	3,454	45,854	GENEVA.....	1,224	18,954	2,100	71	4,066
Dyeing and finishing textiles.....	46,883	60,306	2	690	21,026	GLENS FALLS.....	33,481	40,955	1,063	106	4,205
Electrical machinery, apparatus, and supplies.....	21,362	251,332	3,880	51,168	142,082	GLOVERSVILLE.....	4,606	17,379	101	10,569	3,048
Flour-mill and gristmill products.....	5,585	84,653	175	6,731	56,326	HORNELL.....	140	39,021	268	10,152	10,143
Food preparations, not elsewhere specified.....	12,240	37,809	1,361	976	71,949	HUDSON.....	3,030	9,271	485	3,109	60
Foundry and machine-shop products.....	113,554	268,350	149,712	77,973	421,570	ITHACA.....	3,394	14,574	502	2,341	1,446
Fur goods.....	595	892	.....	6	18,793	JAMESTOWN.....	3,176	101,652	392	1,132	102,116
Furnishing goods, men's.....	7,683	14,459	.....	1,488	12,118	JOHNSTOWN.....	778	15,607	385	51	1,739
Furniture and refrigerators.....	22,789	89,870	3,233	387	58,768	KINGSTON.....	14,790	8,863	1,090	4,721	1,857
Gas and electric fixtures and lamps and reflectors.....	4,519	5,977	608	358	57,353	LITTLE FALLS.....	567	42,579	330	1,151	2,735
Gas, illuminating and heating.....	481,047	1,145,803	112,983	3,987,246	97,740	LOCKPORT.....	1,210	82,703	2,097	6,672	5,278
Glass.....	11,870	95,081	1,439	29,445	97,740	MIDDLETOWN.....	24,236	5,015	159	4,888	1,099
Gloves and mittens, leather.....	2,305	2,821	8	67	4,519	MOUNT VERNON.....	3,935	936	30	432	7,381
Grease and tallow, not including lubricating greases.....	9,622	107,093	.....	28	136	NEW ROCHELLE.....	2,720	145	.....	464	2,721
Hats, fur-felt.....	14,356	6,377	6	1	14,350	NEW YORK CITY.....	2,116,527	2,305,909	212,291	3,697,136	2,138,068
Hosiery and knit goods.....	41,146	164,981	4	400	11,401	BRONX BOROUGH.....	99,607	189,267	8,819	222,381	77,113
Ice, manufactured.....	99,705	240,779	552	3,008	4,097	BROOKLYN BOROUGH.....	940,978	732,445	34,854	1,420,975	554,240
Iron and steel, blast furnaces.....	1,341	67,098	1,718,352	.....	.....	MANHATTAN BOROUGH.....	655,642	389,435	101,156	861,084	1,409,666
Iron and steel, steel works and rolling mills.....	6,806	790,937	29,703	78,570	31,471	QUEENS BOROUGH.....	298,427	927,888	65,071	1,154,477	92,513
Jewelry.....	207	373	35	11	25,811	RICHMOND BOROUGH.....	121,873	86,874	2,391	33,219	4,531
Leather goods.....	2,962	4,479	19	2,394	3,138	NEWBURGH.....	26,372	14,951	813	8,691	5,523
Leather, tanned, curried, and finished.....	14,331	96,782	369	3	18,032	NIAGARA FALLS.....	66,377	184,703	42,623	17,689	3,075
Liquors, malt.....	229,662	292,934	6	1,067	6,305	NORTH TONAWANDA.....	2,791	23,704	57,074	107	1,065
Lumber and timber products.....	20,198	91,173	661	3,350	51,315	OGDENSBURG.....	1,586	6,744	146	41	304
Malt.....	38,429	15,359	990	161	1,343	OLEAN.....	4,457	152,307	918	20,644	33,627
Marble and stone work.....	13,085	20,473	544	4,835	30,793	ONEONTA.....	21,654	2,440	70	3,273	325
Millinery and lace goods.....	6,204	5,619	28	89	74,331	OSSINING.....	2,451	3,594	3	3,858	791
Musical instruments, pianos and organs and materials.....	23,871	28,063	588	837	14,378	OSWEGO.....	9,500	68,037	2,565	33,674	1,110
Paint and varnish.....	48,696	19,199	4,707	375	4,048	PEESKILL.....	2,480	54,223	1,437	4,258	1,386
Paper and wood pulp.....	273,764	928,160	.....	1,861	10	PLATTSBURG.....	13,155	1,002	317	3,769	419
Paper goods, not elsewhere specified.....	27,886	6,384	.....	38	20,269	PORT CHESTER.....	836	6,021	3,486	3,238	1,879
Patent medicines and compounds and druggists' preparations.....	19,864	10,294	81	1,022	33,495	POUGHKEEPSIE.....	10,063	14,302	2,793	19,941	11,990
Photographic apparatus and materials.....	287	77,376	.....	7	11,136	RENSSELAER.....	5,508	13,980	.....	1,492	80
Printing and publishing.....	71,523	29,217	611	1,541	375,747	ROCHESTER.....	16,415	232,668	15,017	115,054	55,990
Shipbuilding, including boat building.....	4,255	23,347	639	2,657	5,741	ROME.....	9,509	54,649	2,367	16,873	8,333
						SARATOGA SPRINGS.....	4,562	4,818	360	4,138	523
						SCHENECTADY.....	11,268	248,481	8,098	67,992	64,522
						SYRACUSE.....	32,036	157,815	14,760	21,841	47,047
						TROY.....	56,395	93,397	4,417	46,274	7,452
						UTICA.....	48,783	68,272	3,822	39,674	6,614
						WATERTOWN.....	2,897	58,859	3,061	8,604	8,602
						WATERVLIET.....	2,060	1,590	223	22	87
						WHITE PLAINS.....	2,488	1,076	.....	9,598	1,038
						YONKERS.....	84,427	161,667	1,376	32,088	21,937

¹ Excludes Lackawanna, to avoid disclosure of individual operations.

SPECIAL STATISTICS.

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials, the quantity and value of products, and other information for securing which no provision is made on the general schedule. Data of this character for certain important industries are here presented. Statistics for power laundries are also given.

Printing and publishing.—The printing and publishing industry in New York shows considerable growth during the decade, the number of publications reported in 1914 being 195 in excess of the number in 1904, and the aggregate circulation per issue showing a gain of 15,802,981.

Table 32 shows the number of the various classes of publications issued in the state in 1914, 1909, and

1904, together with the aggregate circulation per issue for each class.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1914	1909	1904	1914	1909	1904
Total.....	2,128	1,953	1,933	58,443,376	43,953,617	42,640,395
Daily.....	234	231	217	5,874,207	5,253,521	4,573,640
Sunday.....	55	48	44	3,917,088	2,957,727	3,061,565
Semiweekly and tri-weekly.....	56	56	63	364,733	250,403	362,797
Weekly.....	1,006	975	981	9,872,226	6,756,243	5,336,435
Monthly.....	622	521	521	33,648,962	25,635,615	28,217,126
Quarterly.....	66	54	53	1,447,019	2,437,289	909,317
All other.....	189	68	54	3,319,141	662,819	179,515

¹ Includes 55 semimonthly, 17 semiannual, and 14 bimonthly publications, and 1 issued 15 times, 1 issued 10 times, and 1 issued 6 times a year.

New York ranks first among the states in the number of newspapers and periodicals published, as well as in the circulation of such publications. The number of publications increased 175, or 9 per cent, from 1909 to 1914, and 20, or 1 per cent, from 1904 to 1909. The total aggregate circulation increased 14,489,759, or 33 per cent, during the more recent five-year period, and 1,313,222, or 3.1 per cent, during the earlier five-year period. From 1909 to 1914 each class of publications increased in number, except semiweeklies and triweeklies which reported 56 publications at each census, but there was a gain of 114,330 in circulation. Quarterlies numbered 12 more in 1914 than in 1909, but decreased 990,270 in the aggregate circulation per issue. The Sunday publications increased 959,361 in circulation, although there was an increase of only 7 in the number of such publications. The largest increase in number of publications was 101 for the monthlies, while the largest increase in circulation, 3,115,983, was in that of the weekly publications. Of the 234 dailies, in 1914, 146, with an aggregate circulation of 3,117,956, were evening papers.

Table 33 shows the number and circulation of the different classes of publications in English and in foreign languages, respectively, for 1914 and 1909.

PERIOD OF ISSUE.	Cen-sus year.	TOTAL.		IN ENGLISH.		IN FOREIGN LANGUAGES.	
		Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.	Num-ber.	Aggregate circulation per issue.
Total.....	1914 1909	2,128 1,953	58,443,376 43,953,617	1,902 1,753	54,855,795 41,656,507	226 200	3,587,581 2,297,110
Daily and Sunday.....	1914 1909	289 279	9,791,295 8,211,248	228 228	7,314,886 6,858,818	61 51	2,476,409 1,352,430
Semiweekly and tri-weekly.....	1914 1909	56 56	364,733 250,403	43 45	313,814 206,203	13 11	50,919 44,200
Weekly.....	1914 1909	1,006 975	9,872,226 6,756,243	903 881	9,248,099 6,338,749	103 94	624,127 417,494
Monthly.....	1914 1909	622 521	33,648,962 25,635,615	585 486	33,271,436 25,251,499	37 35	377,526 384,116
Quarterly.....	1914 1909	66 54	1,447,019 2,437,289	62 52	1,432,019 2,424,789	4 2	15,000 12,500
All other.....	1914 1909	89 68	3,319,141 662,819	81 61	3,275,541 576,449	8 7	43,600 86,370

Newspapers and periodicals in foreign languages represented about one-tenth of the total publications

of New York at each of the last two census years and increased by 26 during the five-year interval 1909-1914.

The largest class of publications in foreign languages consisted of the weeklies, but the daily and Sunday papers had the largest circulation during both census years. With the exception of the monthlies, each class of the publications in foreign languages increased in circulation from 1909 to 1914.

Table 34 distributes publications in foreign languages in 1909 and 1914, according to the language in which printed.

LANGUAGE.	Cen-sus year.	NUMBER OF PUBLICATIONS IN FOREIGN LANGUAGES.					
		All classes.	Daily and Sunday publications.	Semi-weeklies and tri-weeklies.	Week-lies.	Month-lies.	All other classes.
Total.....	1914 1909	226 200	61 51	13 11	103 94	37 35	12 9
German.....	1914 1909	53 60	15 21	2 3	23 23	10 10	13 23
Italian.....	1914 1909	35 27	10 7	1	23 19	1	31
Yiddish.....	1914 1909	21 19	9 7		10 9	2 2	41
German and English.....	1914 1909	9 12			4 5	4 6	61 61
Polish.....	1914 1909	13 12	3 3		10 9		
Spanish.....	1914 1909	10 11	1		1 2	7 8	61 61
Swedish.....	1914 1909	7 6		1	5 5	1 1	
Bohemian.....	1914 1909	4 4	4 4				
Croatian.....	1914 1909	4 4	3 2	1	1		31
French.....	1914 1909	7 4	2 2		2 1	1 1	72
Hungarian.....	1914 1909	6 4	2 2	2	2	1	31
Russian.....	1914 1909	9 4	3	2	1 4	1	32
Ruthenian.....	1914 1909	3		1	1	1	
Spanish and English.....	1914 1909	3 3			1 1	2	
Syrian.....	1914 1909	2 3		1 1		1	
Danish.....	1914 1909	1 2			1 2		
All other.....	1914 1909	42 22	89 133	96 143	1019 1611	117 163	121 172

- ¹ Two semimonthlies and one quarterly.
- ² Two semimonthlies and one biweekly.
- ³ Semimonthly.
- ⁴ Biweekly.
- ⁵ Bimonthly.
- ⁶ Quarterly.
- ⁷ One quarterly and one semiannual.
- ⁸ Includes three in Greek, two each in Arabic and Slovak, and one each in Serbian and Slovenian.
- ⁹ Includes two in Arabic and one each in Chinese, Finnish, Serbian, and Slovak.
- ¹⁰ Includes three in Lithuanian, two in Japanese, and one each in Arabic, Armenian, Chinese, Esthonian, Lettish, Norwegian, Serbian, Slovak, Ukrainian, Welsh, English-Gaelic, English-Italian, Japanese-English, and Spanish-Hebrew.
- ¹¹ Includes one each in Arabic, Greek, Portuguese, Slovenian, Welsh, Italian-English, and English-Spanish-and-Portuguese.
- ¹² Quarterly in Portuguese.
- ¹³ Includes one each in Arabic, Greek, and Slovenian.
- ¹⁴ Includes one each in Arabic, Chinese, and Slovak.
- ¹⁵ Includes one each in Armenian, Chinese, Dutch, Esthonian, Finnish, Norwegian, Serbian, Slovak, Welsh, Irish-and-English, and Japanese-and-English.
- ¹⁶ Includes one in German-French-and-English, one in German-French-Spanish-and-English, and one in Spanish-and-Portuguese.
- ¹⁷ Biweekly in Russian-and-English, and semiannual in German-French-Spanish-and-English.

In 1914 there were 1,075 publications in New York, with a circulation of 12,021,093, devoted to news, politics, and general reading, as compared with 1,080 such publications in 1909, with a circulation of 10,116,760 copies per issue. The next largest class, consisting mostly of monthly magazines, devoted to fiction and other forms of literature, numbered 116, with a circulation of 21,612,515, an increase over 1909 of 70.7 per cent. Other publications having a circulation of over 1,000,000 copies in 1914, were: 95, society, art, music, and fashion journals, with a circulation of 11,455,252; 285 trade journals, with a circulation of 5,957,238; 148 religious publications, with a circulation of 2,995,991; and 34 periodicals devoted to agriculture, horticulture, dairying, stock raising, etc., with a circulation of 1,106,373. The remaining publications consisted of 46, with a circulation of 550,794, devoted to science and mechanics; 86, with a circulation of 485,462, devoted to commerce, finance, insurance, etc.; and 243, with an aggregate circulation of 2,258,658, relating chiefly to law, medicine, fraternal societies, education, colleges, labor, reform, etc.

Textiles.—The relative importance of the principal textile industries of New York, as measured by value of products, is shown in the following table, which presents the total value of products reported for each industry at the last three censuses:

INDUSTRY.	VALUE OF PRODUCTS.		
	1914	1909	1904
Total.....	\$194,730,543	\$185,780,015	\$142,422,311
Hosiery and knit goods.....	78,229,235	67,130,296	46,320,311
Silk goods, including throwsters.....	29,260,763	26,518,821	20,181,212
Wool manufactures.....	47,173,617	49,345,683	38,880,819
Carpets and rugs, other than rag.....	26,075,521	25,606,262	19,404,133
Woolen, worsted, and felt goods, and wool hats.....	21,098,096	23,739,421	19,476,686
Cotton goods, including cotton small wares.....	18,464,811	20,351,555	13,433,904
Cordage and twine and jute and linen goods.....	14,964,737	12,215,000	15,866,336
Hats, fur-felt.....	6,637,380	10,218,660	7,739,774

The progress of the textile industries in the state is reflected to a large extent by the increase or decrease in the number of spindles, looms, knitting machines, and other equipment. The following table shows the number of principal machines used in five important textile industries combined and in each of those industries separately in 1914, 1909, and 1904:

MACHINE.	Census year.	Total.	Cotton goods, including cotton small wares.	Woolen, worsted, and felt goods, and wool hats.	Hosiery and knit goods.	Silk goods, including throwsters.	Carpets and rugs, other than rag.
Producing spindles...	1914	1,486,713	671,133	178,283	367,171	164,620	105,506
	1909	1,510,872	778,036	154,359	303,528	159,559	115,390
	1904	1,333,149	704,634	177,487	225,237	121,341	104,450
Looms.....	1914	26,022	11,889	3,182	.....	7,862	3,089
	1909	27,936	14,088	3,035	.....	7,575	3,233
	1904	25,975	13,358	2,899	.....	6,989	2,729
Knitting machines...	1914	17,252	.....	.....	17,252	.....	.....
	1909	15,047	.....	.....	15,047	.....	.....
	1904	12,666	.....	.....	12,666	.....	.....
Woolen cards (sets)...	1914	1,110	.....	332	479	.....	299
	1909	1,063	.....	364	457	.....	242
	1904	1,139	.....	452	507	.....	180
Wool-combing machines.	1914	143	.....	89	.....	.....	54
	1909	141	.....	89	.....	.....	52
	1904	74	.....	62	.....	.....	12

The total number of producing spindles reported in 1914, for the five industries covered by the table, shows a decrease of 24,159, or 1.6 per cent, since 1909, and that of looms, a decrease of 1,914, or 6.8 per cent. Knitting machines increased 2,205, or 14.7 per cent. The gains in the number of producing spindles were 63,643 in the knitting mills, 23,924 in the woolen and worsted mills, and 5,061 in the silk mills. In the production of other textiles, spindles decreased as follows: 106,903 in the cotton mills and 9,884 in the carpet mills.

The number of looms in woolen and silk mills increased 147 and 287, respectively, from 1909 to 1914, while the number in cotton mills decreased 2,199 and in the carpet mills, 149. Knitting machines increased 14.7 per cent in number during the last five-year period, as compared with 18.8 per cent during the preceding five years. The number of woolen cards decreased slightly in the woolen mills, from 1909 to 1914, but this decrease was more than offset by the gain in the carpet and in the knitting mills. The number of combing machines was about the same in 1914 as in 1909, the only increase being 2 machines in the carpet mills.

Hosiery and knit goods.—The manufacture of hosiery and knit goods, as a factory industry in New York, had its beginning in Cohoes in 1832, with the founding of a factory in which power was for the first time successfully used in the making of knit goods. During the next 10 years, very little progress was made, but by 1859 there were 22 mills and the output of the industry had increased to \$1,944,000. Rapid development has continued since that time, the value of hosiery and knit goods in 1914 being almost forty times the value reported for 1859. Hosiery and knit goods was the most important branch of the textile industry in the state in 1914, contributing \$78,229,235, or 40.2 per cent of the total value of products for all textiles.

Table 37 shows the quantity and cost of the different materials used in the hosiery and knitting mills in 1914, 1909, and 1904.

At each of the last three censuses raw cotton and cotton yarn were the most important materials used, but the relative cost of the latter has gradually decreased during the decade, forming 41.8 per cent of the total for all materials combined in 1904, as compared with 35.7 per cent in 1909 and 30.4 per cent in 1914. From 1909 to 1914 there was an increase of 4,895,696 pounds, or 14.1 per cent, in the quantity of raw cotton consumed, and of \$1,053,013, or 26.2 per cent, in the cost.

During the same period the quantity of cotton yarn used decreased 32,676,970 pounds, or 37.7 per cent, and the cost, \$721,790, or 5.2 per cent. The higher prices of cotton prevailing in 1914 account for the slight decrease in cost as compared with the large decrease in amount consumed. The tendency to use raw material instead of manufactured yarn is shown

by the fact that the cost of raw material increased from 18 per cent of the total in 1909 to 26.2 per cent in 1914. Furthermore, the cost of yarns, which constituted 55.1 per cent of the total cost of all material in 1909, dropped to 46.4 per cent in 1914. Decreases since 1909, however, are shown in the cost and consumption of woolen yarn, merino yarn, and recovered wool fiber and wool waste and noils.

	1914	1909	1904
Materials, total cost.....	\$43,859,879	\$38,677,371	\$28,210,100
Cotton:			
Domestic—			
Pounds.....	39,058,430	33,041,491	23,841,021
Cost.....	\$4,983,578	\$3,779,496	\$2,747,412
Foreign—			
Pounds.....	502,319	1,623,562	629,569
Cost.....	\$83,802	\$234,871	\$109,954
Wool:			
Foreign (in condition purchased)—			
Pounds.....	202,430	164,014	439,929
Cost.....	\$137,029	\$109,190	\$239,281
Domestic (in condition purchased)—			
Pounds.....	2,585,405	1,803,323	4,537,860
Cost.....	\$1,085,911	\$846,659	\$1,969,081
Recovered wool fiber:			
Pounds.....	1,742,352	5,410,605	4,444,951
Cost.....	\$328,810	\$551,877	\$444,165
Wool waste and noils:			
Pounds.....	2,602,559	4,398,579	2,735,224
Cost.....	\$794,894	\$1,429,402	\$947,962
Raw silk:			
Pounds.....	1,025,446	(¹)	(¹)
Cost.....	\$4,019,741	(¹)	(¹)
Yarn, not made in mill:			
Cotton—			
Pounds.....	53,999,653	86,676,623	56,512,123
Cost.....	\$13,102,333	\$13,824,123	\$11,738,385
Woolen—			
Pounds.....	3,133,302	3,186,332	1,742,576
Cost.....	\$1,940,861	\$2,077,718	\$1,030,369
Worsted—			
Pounds.....	4,659,388	3,232,368	2,340,773
Cost.....	\$3,838,756	\$3,078,048	\$1,799,171
Merino—			
Pounds.....	668,811	925,440	1,022,189
Cost.....	\$425,091	\$693,856	\$425,956
Silk and spun-silk—			
Pounds.....	224,007	423,230	137,369
Cost.....	\$918,749	\$1,644,056	\$615,511
Artificial silk—			
Pounds.....	55,336	(¹)	(¹)
Cost.....	\$100,487	(¹)	(¹)
All other—			
Pounds.....	12,086	11,296	35,124
Cost.....	\$9,437	\$9,266	\$30,843
Chemicals and dyestuffs, cost.....	\$502,622	\$363,607	\$284,958
Fuel and rent of power, cost.....	\$894,033	\$648,588	\$465,438
All other materials, cost.....	\$10,693,745	\$9,386,614	\$5,261,614

¹ Not reported separately.

Of the materials used in knitting mills, silk shows the greatest relative gain both in the quantity and in cost. Raw silk was not reported separately at previous censuses, though some is known to have been reported under the head of silk and spun-silk yarn in 1909.

The quantity and value of the various products reported for the hosiery and knitting mills at the last three censuses are shown in Table 38.

Shirts and drawers and combination suits are the most important products of the hosiery and knit-goods industry. In 1914 New York contributed more than 42 per cent of the total quantity of each article manufactured in the United States. The gain from 1909 to 1914 in cotton combination suits of 169.4 per cent in quantity and 161.9 per cent in value is slightly more than offset by a decrease in the production of cotton and merino shirts and drawers. Cardigan

jackets show a decrease of 191,730 dozens, or 11.6 per cent, but an increase of \$387,871, or 2.8 per cent, in value, during the same period, indicating an increased value per garment.

	1914	1909	1904
Products, total value.....	\$78,229,235	\$67,130,296	\$46,320,311
Hose:			
Dozen pairs.....	232,687	251,209	167,065
Value.....	\$1,931,336	\$493,041	\$286,712
Silk and silk-mixed—			
Dozen pairs.....	205,877	16,749	1,730
Value.....	\$1,873,761	\$244,938	\$26,000
All other—			
Dozen pairs.....	26,810	234,520	166,235
Value.....	\$57,575	\$248,103	\$260,712
Half hose:			
Dozen pairs.....	39,976	104,418	65,732
Value.....	\$87,856	\$146,144	\$113,050
Shirts and drawers:			
Dozens.....	9,203,882	12,474,922	10,350,484
Value.....	\$28,287,935	\$38,210,508	\$32,486,695
Cotton—			
Dozens.....	8,466,807	11,238,711	8,974,968
Value.....	\$22,704,651	\$29,577,805	\$24,212,845
Merino—			
Dozens.....	484,268	1,162,148	1,171,123
Value.....	\$3,183,944	\$7,718,492	\$6,737,966
Silk and silk-mixed—			
Dozens.....	55,139	12,639	6,270
Value.....	\$956,645	\$359,108	\$139,000
All other—			
Dozens.....	197,668	61,424	198,723
Value.....	\$1,442,695	\$555,103	\$1,396,884
Combination suits:			
Dozens.....	2,038,635	990,841	692,555
Value.....	\$13,003,094	\$4,741,032	\$2,446,111
Cotton—			
Dozens.....	2,528,302	938,554	655,324
Value.....	\$11,099,564	\$4,238,442	\$2,030,831
Merino—			
Dozens.....	51,470	52,254	27,297
Value.....	\$597,853	\$500,830	\$313,853
Silk and silk-mixed—			
Dozens.....	27,345	33	(¹)
Value.....	\$743,003	\$1,760	(¹)
All other—			
Dozens.....	31,518		9,034
Value.....	\$562,674		\$101,427
Bathing suits:			
Dozens.....	123,553	(²)	(²)
Value.....	\$911,495	(²)	(²)
Gloves and mittens:			
Dozens.....	1,340,479	1,195,140	750,662
Value.....	\$7,610,687	\$4,270,020	\$2,067,185
Hoods, scarfs, etc.:			
Dozens.....	177,235	124,301	255,857
Value.....	\$643,716	\$440,411	\$920,071
Cardigan jackets, sweaters, etc.:			
Dozens.....	1,464,606	1,656,336	540,236
Value.....	\$14,302,914	\$13,915,043	\$4,780,750
Jersey cloth and stockinette:			
Square yards.....	8,507,954	2,053,563	(³)
Value.....	\$3,007,588	\$300,809	(³)
Cotton yarn:			
Pounds.....	8,235,253	2,499,483	902,634
Value.....	\$1,870,570	\$519,454	\$154,842
All other products, value.....	\$6,512,044	\$4,093,834	\$3,063,995

¹ Figures not available.

² Not reported separately.

The greatest relative gain for the more recent five-year period is in the production of silk and silk-mixed hose and underwear (shirts, drawers, and combination suits). The hose increased 189,128 dozens, or over elevenfold, in quantity and \$1,628,823, or over sixfold, in value, while underwear increased 69,812 dozens, or over sixfold, in quantity and \$1,338,780, or nearly fourfold, in value. Jersey cloth and stockinette and gloves and mittens also show substantial gains in both quantity and value during the same period. Bathing suits were first reported separately in 1914, when 123,553 dozens, valued at \$911,495, were manufactured.

Silk goods, including throwsters.—This industry had its beginning in New York state in 1830, when

the manufacture of dress trimmings was commenced in New York City. At the census of 1869, 14 establishments were reported which employed 739 wage earners and manufactured products valued at \$1,826,000. The value of silk goods manufactured in 1914 amounted to \$29,260,763, giving the industry second place among the textile industries in the state.

The following table shows the quantity and cost of the chief materials used in the silk industry, as reported for 1914, 1909, and 1904.

	1914	1909	1904
Materials, total cost.....	\$16,736,221	\$13,948,589	\$10,490,474
Silk:			
Raw—			
Pounds.....	2,339,776	1,817,329	1,006,793
Cost.....	\$9,033,199	\$7,092,171	\$3,934,433
Spun—			
Pounds.....	372,718	315,622	249,896
Cost.....	\$604,480	\$759,710	\$734,099
Artificial—			
Pounds.....	709,611	616,439	289,282
Cost.....	\$1,234,255	\$1,309,400	\$1,039,783
Organzine and tram—			
Pounds.....	337,164	335,003	603,623
Cost.....	\$1,457,062	\$1,471,824	\$2,919,456
Frison and floss, including waste, noils, etc.—			
Pounds.....	665,625	515,545	17,080
Cost.....	\$492,844	\$326,691	\$28,475
Yarns, other than silk:			
Cotton—			
Pounds.....	1,594,878	2,018,612	1,197,943
Cost.....	\$655,489	\$757,470	\$401,841
Mercerized cotton—			
Pounds.....	400,224	483,627	101,943
Cost.....	\$232,957	\$359,315	\$74,770
Woolen and worsted—			
Pounds.....	203,671	94,622	184,340
Cost.....	\$241,485	\$114,829	\$191,816
Mohair—			
Pounds.....	1,351,681	52,521	14,511
Cost.....	\$478,927	\$47,408	\$15,264
All other—			
Pounds.....	135,060	113,855	71,486
Cost.....	\$121,404	\$170,491	\$30,959
Fuel and rent of power, cost.....	\$272,689	\$249,977	\$167,911
All other materials, cost.....	\$1,851,430	\$1,289,303	\$951,667

¹ Does not include waste, noils, etc.

The cost of the materials used in this industry increased \$2,787,632, or 20 per cent, from 1909 to 1914, and \$3,458,115, or 33 per cent, from 1904 to 1909. Raw silk, the most important material used, as measured by cost, increased 522,447 pounds, or 28.7 per cent, in quantity, and \$1,941,028, or 27.4 per cent, in cost, from 1909 to 1914. The cost of raw silk reported at each census, which is an index of the magnitude of the industry, represented 54 per cent of the total cost of materials in 1914, 50.8 per cent in 1909, and 37.5 per cent in 1904. The consumption of artificial silk more than doubled between 1904 and 1914. Although there was a slight increase in the quantity of organzine and tram purchased in 1914, as compared with 1909, the quantity and cost reported for 1914 was only a little more than half as great as for 1904. The use of cotton yarns, especially mercerized and mohair yarns, has increased rapidly since 1904. Woolen and worsted yarns decreased decidedly from 1904 to 1909, but the loss was more than offset by the gain during the next five-year period.

Table 40 shows the quantity and value of the different products reported for the silk industry at the last three censuses.

	1914	1909	1904
Products, total value.....	\$29,260,763	\$26,518,821	\$20,181,212
Broad silks:			
Yards.....	15,454,751	15,217,298	10,896,809
Value.....	\$9,102,192	\$9,042,488	\$6,382,753
All-silk goods—			
Piece-dyed and printed—			
Yards.....	7,428,781	2,366,169	4,272,422
Value.....	\$3,496,384	\$1,147,261	\$1,906,468
Yarn-dyed ¹ —			
Yards.....	5,349,807	6,341,434	5,730,188
Value.....	\$3,053,171	\$4,799,670	\$3,930,372
Silk-mixed goods—			
Piece-dyed and printed—			
Yards.....	1,847,722	4,518,084	3,247
Value.....	\$1,444,499	\$1,946,309	\$4,321
Yarn-dyed ¹ —			
Yards.....	828,381	1,991,611	890,952
Value.....	\$508,138	\$1,149,258	\$641,597
Ribbons, value.....	\$5,128,368	\$6,261,289	\$4,083,712
Laces, nets, veils, veillings, etc., value.....	\$652,189	\$794,640	\$291,400
Fringes and gimps, value.....	\$665,894	\$560,027	\$544,544
Braids and bindings, value.....	\$1,958,162	\$2,566,881	\$2,042,935
Organzine and tram for sale:			
Pounds.....	1,004,506	330,026	99,866
Value.....	\$4,058,804	\$1,354,540	\$420,718
All other products, value.....	\$6,889,410	\$5,332,946	\$5,247,463
Amount received for contract work, value.....	\$745,744	\$606,010	\$268,252

¹ Includes goods classed as "plain and fancy and jacquard" in 1909 and 1904.

Broad silks, the most important product of the silk industry, formed 31.1 per cent of the total for all silk products in 1914, 34.1 per cent in 1909, and 31.6 per cent in 1904. All piece-dyed and printed silk goods, which decreased 1,906,253 yards, or 44.6 per cent, in quantity, and \$759,217, or 39.8 per cent, in value, from 1904 to 1909, shows an increase of 5,062,612 yards, or 214 per cent, in quantity, and \$2,349,133, or 204.8 per cent, in value from 1909 to 1914. The manufacture of piece-dyed and printed silk-mixed goods shows an extraordinary development between 1904 and 1909, the increase in quantity being 4,514,837 yards and in value \$1,941,988, but from 1909 to 1914 there was a decline in the quantity manufactured amounting to 2,670,362 yards, and to \$501,810 in value.

Silk and silk-mixed yarn-dyed goods, which include plain, fancy, and jacquard, show a pronounced decrease from 1909 to 1914. Ribbons have represented a smaller proportion of the total value of products at each succeeding census since 1904. Both the quantity and value of organzine and tram produced for sale more than trebled during each five-year period of the decade ending in 1914.

In 1914 a total of 1,060,699 pounds of silk were thrown under contract, of which 563,801 pounds went into organzine and 496,898 pounds into tram. The corresponding figures for 1909 were 495,053 pounds and 441,701 pounds, respectively, and for 1904, 359,248 pounds and 345,830 pounds, respectively.

Wool manufactures.—The 65 establishments reported for this industry in 1914, classified according to their products of chief value, consisted of 20 woolen mills, 12 worsted mills, 12 felt mills, 7 wool-hat factories, and 14 carpet and rug mills.

Table 41 shows the quantity and cost of the different materials used in wool manufactures at each of the last three censuses.

	1914	1909	1904
Materials, total cost.....	\$28,682,329	\$28,059,200	\$21,848,287
Wool, in condition purchased:			
Pounds.....	60,420,225	62,829,067	49,608,834
Cost.....	\$13,158,906	\$14,719,116	\$11,534,048
Domestic—			
Pounds.....	25,051,729	22,362,412	22,456,770
Cost.....	\$5,826,676	\$6,754,854	(¹)
Foreign—			
Pounds.....	35,368,496	40,466,655	27,152,064
Cost.....	\$7,332,230	\$7,964,262	(¹)
Equivalent in scoured condition, pounds.....	37,448,054	45,637,550	(¹)
Animal hair and fur:			
Pounds.....	5,442,118	6,694,088	2,348,369
Cost.....	\$759,559	\$1,024,409	(¹)
Rags, clippings, etc.:			
Pounds.....	968,972	1,250,161	1,332,056
Cost.....	\$59,688	\$69,157	\$77,716
Recovered wool fiber:			
Pounds.....	2,202,861	990,526	2,231,909
Cost.....	\$249,611	\$140,926	(¹)
Waste and noils of wool, mohair, etc.:			
Pounds.....	4,983,209	4,413,834	1,716,008
Cost.....	\$1,089,584	\$1,231,700	\$512,751
Tops:			
Pounds.....	1,427,046	733,932	(¹)
Cost.....	\$759,777	\$458,808	(¹)
Cotton:			
Pounds.....	3,486,922	2,472,801	2,724,025
Cost.....	\$325,971	\$265,039	(¹)
Yarns, purchased:			
Pounds.....	44,743,528	44,329,490	38,741,798
Cost.....	\$7,026,393	\$6,528,630	\$5,409,437
Cotton—			
Pounds.....	8,736,856	7,589,373	5,739,538
Cost.....	\$1,822,559	\$1,442,375	\$1,120,404
Worsted—			
Pounds.....	2,315,693	3,050,833	1,971,882
Cost.....	\$1,310,225	\$2,006,843	\$1,038,396
Woolen and merino—			
Pounds.....	850,003	957,413	
Cost.....	\$265,300	\$277,976	
Linen—			
Pounds.....	3,750,272	4,858,864	31,009,360
Cost.....	\$675,801	\$866,837	\$3,189,010
Jute and other vegetable fiber—			
Pounds.....	29,080,107	27,857,594	
Cost.....	\$2,922,044	\$1,881,506	
Silk and spun silk—			
Pounds.....	10,597	15,413	21,018
Cost.....	\$30,464	\$53,093	\$61,627
Wool hat bodies and hats in the rough:			
Dozens.....	10,879	16,057	500
Cost.....	\$15,407	\$47,616	\$500
Chemicals and dyestuffs, cost.....	\$1,141,173	\$1,041,040	\$1,029,862
Fuel and rent of power, cost.....	\$809,236	\$680,304	\$509,623
All other materials, cost.....	\$3,287,024	\$1,852,455	\$2,774,350

¹ Figures not available.

The total quantity of all classes of wool purchased for use was 60,420,225 pounds in 1914, 62,829,067 pounds in 1909, and 49,608,834 pounds in 1904, a decrease of 3.8 per cent, from 1909 to 1914, and an increase of 26.6 per cent, from 1904 to 1909, or net gain of 21.8 per cent for the decade. Imported wool was more extensively used than domestic at each of the census periods covered by the table, but during the last half of the decade the quantity of foreign wool decreased 12.6 per cent, while domestic wool increased 12 per cent. The large proportion of foreign wool used in New York is due to the importance of the carpet industry, which consumed 88.4 per cent of the total quantity of foreign wool purchased in 1914. The cost of all wool purchased represents 45.9 per cent of the total cost reported for all materials combined in 1914, 52.5 per cent in 1909, and 52.8 per cent in 1904.

Yarns of all varieties, not made in the establishments reporting, show slight increases in 1914 over 1909. Cotton yarn, jute, and other vegetable-fiber yarns also increased slightly, both in quantity and cost, while all other kinds of purchased yarns decreased in quantity and cost.

The quantity of animal hair and fur and tailors' clippings used in 1914 was 1,533,159 pounds less than in 1909, and the amount expended for such materials in 1914, \$274,319 less than in 1909.

The quantity and value of the chief products of wool manufactures in 1914, 1909, and 1904 are shown in the following table:

	1914	1909	1904
Products, total value.....	\$47,173,617	\$49,345,683	\$38,880,819
All-wool woven goods:			
Square yards.....	14,448,467	17,243,627	12,459,972
Value.....	\$10,231,942	\$12,830,093	\$10,532,885
Woolen suitings, overcoatings, and dress goods—			
Square yards.....	3,115,415	4,365,726	(¹)
Value.....	\$2,443,317	\$3,185,230	(¹)
Worsted suitings, overcoatings, and dress goods—			
Square yards.....	10,860,850	12,283,220	(¹)
Value.....	\$7,863,842	\$9,266,182	(¹)
All other—			
Square yards.....	472,202	594,681	(¹)
Value.....	\$424,783	\$378,681	(¹)
Cotton-mixed woven goods:			
Square yards.....	1,366,536	549,526	
Value.....	\$380,294	\$232,103	
Cotton-warp woven goods:			
Square yards.....	7,798,270	6,515,625	
Value.....	\$2,090,211	\$2,255,461	
Worsted-filling suitings, overcoatings, and dress goods—			
Square yards.....	4,300,447	3,772,957	8,139,633
Value.....	\$985,105	\$1,326,382	\$3,081,060
All other—			
Square yards.....	3,497,823	2,742,668	
Value.....	\$1,105,106	\$929,079	
Carpets and rugs:			
Square yards.....	24,480,532	26,973,631	22,559,873
Value.....	\$25,774,662	\$25,477,756	\$19,194,104
Carpets—			
Square yards.....	9,803,436	17,430,969	19,206,368
Value.....	\$11,026,764	\$16,177,227	\$15,766,173
Rugs—			
Square yards.....	14,677,096	9,542,662	3,353,505
Value.....	\$14,747,898	\$9,300,529	\$3,427,931
Felt goods, value.....	\$4,715,138	\$4,292,968	\$2,822,954
Felt trimming and lining felts, felt skirtings, table covers, and saddle felts—			
Square yards.....	3,401,266	2,147,918	1,129,082
Value.....	\$845,054	\$682,207	\$590,585
Endless belts—			
Pounds.....	2,313,975	1,881,047	² 1,100,579
Value.....	\$2,472,045	\$1,989,988	\$1,101,748
All other, value.....	\$1,398,089	\$1,620,773	\$1,130,620
Hats, wool-felt:			
Dozens.....	68,927	133,678	136,481
Value.....	\$378,277	\$1,185,298	\$956,347
Worsted yarn, for sale:			
Pounds.....	1,742,481	1,237,092	1,051,528
Value.....	\$1,424,046	\$1,184,521	\$793,285
Noils, for sale:			
Pounds.....	2,188,370	1,897,069	
Value.....	\$600,196	\$548,973	
Waste, for sale:			
Pounds.....	2,451,510	888,887	
Value.....	\$297,768	\$155,921	\$1,500,184
Contract work, value.....	\$268,879	\$257,212	
All other products, value.....	\$1,012,204	\$925,377	

¹ Detail figures not available.

² Square yards.

The output of all-wool woven goods reported for 1914 was 2,795,160 square yards, or 16.2 per cent, less than in 1909. During the preceding five-year period, however, there was an increase of 4,783,655 square yards, or 38.4 per cent, making a net gain for the decade of 1,988,495 square yards, or 16 per cent. There was, however, a slight loss in value during the same period. The decided gain from 1909 to 1914 in the quantity and value of cotton-mixed goods more than offset the decline in the manufacture of wool and worsted-filling overcoatings and dress goods.

Carpets and rugs, which formed 54.6 per cent of the total value of all products reported for the industry

in 1914, show a decrease since 1909 of 2,493,099 square yards, or 9.2 per cent, but an increase of \$296,906, or 1.2 per cent, in value. During the preceding five-year period there was an increase of 4,413,758 square yards, or 19.6 per cent, and \$6,283,652, or 32.7 per cent, in value. The increasing use of rugs is indicated by the fact that in 1914 they constituted 60 per cent of the combined output of carpets and rugs, whereas in 1909 they represented 35.4 per cent and 1904 only 14.9 per cent.

Axminster and moquette carpets formed the leading class of carpets in 1914 and 1909, with tapestry velvet, Brussels, and tapestry Brussels, following in 1914 in the order named. In 1904 tapestry Brussels ranked first.

There was an increase of 9.8 per cent from 1909 to 1914 in the value of felt goods, as compared with a gain of 52.1 per cent from 1904 to 1909. The quantity and value of worsted yarns manufactured for sale increased substantially during each five-year period. There were about half as many wool-felt hats manufactured in 1914 as in 1909, and their value was two-thirds less.

Cotton goods, including cotton small wares.—The quantity and cost of the principal materials used in this branch of the textile industries and the quantity and value of the chief products reported for 1914, 1909, and 1904 are shown in the following table:

	1914	1909	1904
MATERIALS.			
Total cost.....	\$11,653,438	\$11,726,489	\$8,644,726
Cotton:			
Pounds.....	58,124,466	68,766,704	51,835,100
Cost.....	\$7,586,338	\$8,088,263	\$6,190,179
Cotton yarn:			
Pounds.....	4,682,360	5,843,677	5,583,162
Cost.....	\$1,335,805	\$1,472,313	\$1,363,786
Starch, cost.....	\$49,854	\$70,581	\$33,094
Chemicals and dyestuffs, cost.....	\$44,400	\$150,405	\$105,294
Fuel and rent of power, cost.....	\$468,351	\$407,128	\$330,299
All other materials, cost.....	\$2,168,690	\$1,537,799	\$622,674
PRODUCTS.			
Total value.....	\$18,464,811	\$20,351,555	\$13,433,904
Toweling and terry weaves:			
Square yards.....	3,460,425	1,955,625	1,255,460
Value.....	\$665,423	\$430,393	\$178,687
Unbleached and bleached sheetings, shirtings, and muslins:			
Square yards.....	79,724,737	109,183,958	111,272,272
Value.....	\$4,545,829	\$5,714,949	\$7,200,449
All other woven goods:			
Square yards.....	35,095,556	35,929,959	35,929,959
Value.....	\$2,515,976	\$4,918,081	\$4,918,081
Yarns, manufactured for sale:			
Pounds.....	31,675,350	31,765,481	24,943,995
Value.....	\$6,968,631	\$6,745,518	\$5,102,181
Cotton waste, for sale:			
Pounds.....	5,361,414	7,170,930	5,396,761
Value.....	\$238,466	\$250,037	\$177,800
All other products, value.....	\$3,530,486	\$2,292,577	\$774,697

The decline of cotton spinning in recent years is evidenced by the large decrease in the number of producing spindles. Raw cotton consumed in this industry decreased, from 1909 to 1914, by 10,642,238 pounds, or 15.5 per cent, and \$501,925, or 6.2 per cent, in cost. Purchased yarn of all kinds also de-

creased in quantity and value during the same five-year period.

Yarns manufactured for sale formed the principal product in 1914 and also in 1909. While there were 90,131 pounds less manufactured in 1914 than in 1909, the value increased \$223,113. Toweling and terry weaves showed the largest increases over 1909 in both quantity and value. Brown and bleached sheetings decreased 27 per cent in quantity and 20.5 per cent in value.

"All other woven goods," which consists of twills and sateens, velvets, corduroys, plushes, lace curtains, mosquito nettings, and bagging shows an increase of 6 per cent in quantity, but a decrease of 48.8 per cent in value since 1909. The lower value in 1914 was due to a decidedly increased production of a cheaper grade of twills, corduroys, and mosquito netting.

Fur-felt hats.—This branch of textiles includes the manufacture of derbies and soft felt hats, for men's and women's wear, from rabbit, coney, and nutria fur. The quantity and cost of materials used and the number and value of fur-felt hats manufactured in 1914, 1909, and 1904 are shown in the following table:

	1914	1909	1904
MATERIALS.			
Total cost.....	\$3,490,728	\$5,406,265	\$3,478,454
Hatters' fur:			
Pounds.....	842,514	1,883,207	1,563,680
Cost.....	\$706,701	\$1,800,052	\$1,265,877
Fur-felt hat bodies and hats in the rough:			
Dozens.....	180,848	194,268	92,984
Cost.....	\$1,200,908	\$1,250,824	\$627,040
Chemicals and dyestuffs, cost.....	\$51,739	\$100,407	\$160,305
All other materials, cost.....	\$1,531,380	\$2,194,982	\$1,425,232
PRODUCTS.			
Total value.....	\$6,637,380	\$10,218,660	\$7,739,774
Fur-felt hats:			
Dozens.....	477,338	776,258	631,374
Value.....	\$5,943,763	\$9,465,232	\$6,852,797
All other products, value.....	\$693,617	\$753,378	\$886,977

The total cost of materials used in 1914 was 35.4 per cent less than in 1909. Hatters' fur decreased more than 50 per cent in both quantity and cost, while hat bodies and hats in the rough decreased 6.9 per cent in quantity and 4 per cent in cost. There was a marked decline in the production of fur-felt hats, in number amounting to 298,920 dozens, or 38.5 per cent, and in value to \$3,521,519, or 37.2 per cent. The figures for 1914 represent 22.5 per cent of the number and 17.7 per cent of the value of all fur-felt hats produced in the United States in that year, as compared with 26 per cent and 21.8 per cent, respectively, in 1909. In addition to those shown in the above table, fur-felt hats, valued at \$89,648, were reported by five establishments engaged primarily in the manufacture of other kinds of hats, such as wool and straw.

Slaughtering and meat packing.—In the slaughtering and meat-packing industry New York has ranked third among the states since 1890.

The following table gives the quantity and cost of the different materials used in the industry during the last three censuses.

	1914	1909	1904
Materials, total cost.....	\$127,281,733	\$108,668,895	\$65,289,369
Animals slaughtered:			
Beeves—			
Number.....	636,389	668,447	478,716
Cost.....	\$59,904,976	\$47,746,152	\$29,799,375
Calves—			
Number.....	378,197	377,121	293,751
Cost.....	\$5,785,777	\$4,406,391	\$2,611,331
Sheep and lambs—			
Number.....	1,999,134	1,918,721	1,537,637
Cost.....	\$11,229,042	\$10,437,800	\$7,436,390
Hogs—			
Number.....	1,725,688	1,802,669	1,623,758
Cost.....	\$26,315,587	\$23,802,670	\$14,124,703
Dressed meat purchased for curing, cost.....	¹ \$17,189,381	\$14,156,721	\$6,786,824
All other materials, cost.....	\$6,856,970	\$8,119,161	\$4,530,746

¹ Includes cost of "all other animals."

There was a decrease in the number of beeves and hogs slaughtered in 1914, as compared with 1909, but the cost of each class of animals in 1914 exceeded that in 1909.

The amount expended for the several kinds of animals slaughtered increased as follows: Beeves, \$12,158,824, or 25.5 per cent; calves, \$1,379,386, or 31.3 per cent; sheep, \$791,242, or 7.6 per cent; and hogs, \$2,512,917, or 10.6 per cent. The cost of dressed meat purchased more than doubled between 1904 and 1909 and increased \$3,032,660, or 21.4 per cent, from 1909 to 1914.

Table 46 shows the products reported for this industry during the census years 1914, 1909, and 1904.

With the exception of lard, oleo oils, and tallow, which decreased in both quantity and value from 1909 to 1914, the output of most of the other products shown separately increased in value but decreased in quantity. In those products which show an increase in both of these items, the percentage of increase in the value is considerably larger than in the quantity, owing to the generally higher prices that prevailed in 1914. The quantity of the different classes of products, however, more accurately gauges the actual growth of the industry.

The largest relative increase from 1909 to 1914 in quantity and value was for the products included under the head "edible offal and all other fresh meat," 399.6 per cent and 445.1 per cent, respectively. The decrease in the output of fresh beef was 27,253,293 pounds, or 6.3 per cent, and in mutton 6,955,576 pounds, or 8.6 per cent; fresh veal increased 852,038 pounds, or 2.3 per cent; and pork, 650,048 pounds, or five-tenths of 1 per cent. The total output of these four products combined decreased 4.9 per cent in quantity while the value increased 24.5 per cent.

	1914	1909	1904
Products, total value.....	\$144,236,162	\$125,072,944	\$73,218,198
Fresh meat:			
Beef—			
Pounds.....	402,728,421	429,981,714	310,605,538
Value.....	\$53,570,690	\$41,428,480	\$26,119,579
Veal—			
Pounds.....	37,462,344	36,610,306	26,400,486
Value.....	\$5,820,977	\$4,316,843	\$2,605,048
Mutton and lamb—			
Pounds.....	73,819,403	80,774,979	63,435,207
Value.....	\$10,248,276	\$9,539,554	\$5,991,233
Pork—			
Pounds.....	124,190,102	123,540,054	123,177,559
Value.....	\$14,987,818	\$12,665,175	\$9,130,670
Edible offal and all other fresh meat—			
Pounds.....	34,894,590	6,983,008	2,828,015
Value.....	\$2,327,968	\$427,106	\$237,108
Cured meat:			
Beef, pickled and other cured—			
Pounds.....	20,326,224	26,460,602	15,145,733
Value.....	\$3,452,474	\$3,085,410	\$759,210
Pork, pickled and other cured—			
Pounds.....	118,537,294	134,425,208	106,495,914
Value.....	\$18,589,367	\$17,804,064	\$10,712,016
Canned goods:			
Pounds.....	14,051,983	5,379,759	(¹)
Value.....	\$2,532,725	\$1,367,796	\$728,173
Sausage:			
Canned—			
Pounds.....	561,434	(²)	(²)
Value.....	\$86,521	(²)	(²)
All other—			
Pounds.....	41,572,857	39,582,116	12,481,377
Value.....	\$5,819,045	\$4,404,702	\$1,028,106
Meat puddings, scrapple, etc.:			
Pounds.....	2,529,663	(²)	(²)
Value.....	\$365,418	(²)	(²)
Lard:			
Pounds.....	40,496,413	47,042,820	35,098,711
Value.....	\$4,418,820	\$5,814,101	\$2,413,755
Lard compounds and substitutes:			
Pounds.....	16,268,455	(²)	(²)
Value.....	\$1,295,773	(²)	(²)
Oleo oil:			
Gallons.....	2,621,410	3,149,008	3,578,246
Value.....	\$1,987,691	\$2,692,932	\$2,035,419
Other oils:			
Gallons.....	199,434	(²)	1,304,750
Value.....	\$122,956	(²)	\$812,413
Tallow, oleo stock, and stearin:			
Pounds.....	23,293,543	51,948,253	(²)
Value.....	\$1,662,197	\$4,472,789	(²)
Soap stock:			
Pounds.....	3,833,576	(²)	(²)
Value.....	\$246,495	(²)	(²)
Sausage casings:			
Pounds.....	4,401,247	(²)	(²)
Value.....	\$600,896	(²)	(²)
Fertilizers and fertilizer materials:			
Tons.....	16,611	16,928	10,740
Value.....	\$484,586	\$435,900	\$233,562
Hides and pelts:			
Cattle—			
Number.....	636,389		
Pounds.....	43,043,246		
Value.....	\$7,150,569	899,790	607,034
Calf—			
Number.....	198,750	49,577,570	36,892,215
Pounds.....	2,312,240	\$7,105,591	\$3,748,693
Value.....	\$426,029		
Sheep—			
Number.....	1,992,520	1,913,895	⁴ 2,069,553
Value.....	\$1,267,608	\$1,389,474	⁴ \$1,101,878
Wool:			
Pounds.....	3,765,678	6,605,170	5,187,937
Value.....	\$1,302,829	\$2,249,241	\$1,997,334
All other products, value.....	\$5,468,434	\$5,873,786	\$3,562,441

¹ Not reported separately, except for canned beef, which was 2,460,000 pounds, valued at \$447,903.

² Not reported separately.

³ Figures can not be shown without disclosure of individual operations.

⁴ Includes pelts purchased for wool pulling.

The value of all fresh and cured meats, including sausage, represented 79.6 per cent of the total value of all products for the industry in 1914. Canned goods made a noticeable gain since 1909 in both quantity and value, the increase being 8,672,224 pounds, or 161.2 per cent, and \$1,164,929, or 85.2 per cent, in value. The increase in "hides and pelts" was confined to sheepskins, which, however, decreased in value.

Cattle and calf skins decreased in number and weight but increased in value.

Flour-mill and gristmill products.—New York ranked second among the states in 1914 in the total value of flour-mill and gristmill products and third in the production of wheat flour. The following table shows the quantity and value of the different products for 1914, 1909, and 1904:

Products, total value.....	1914	1909	1904
Wheat flour:			
Barrels.....	8,522,011	6,696,628	5,678,743
Value.....	\$40,798,737	\$35,659,891	\$28,177,883
Rye flour:			
Barrels.....	212,926	226,992	332,719
Value.....	\$945,174	\$970,797	\$1,424,315
Buckwheat flour:			
Pounds.....	44,291,164	66,632,357	66,234,663
Value.....	\$1,333,354	\$1,724,854	\$1,639,873
Barley meal:			
Pounds.....	1,904,032	1,530,356	7,005,960
Value.....	\$32,698	\$25,587	\$96,844
Corn meal and corn flour:			
Barrels.....	1,470,365	2,090,537	3,004,226
Value.....	\$4,332,960	\$5,967,943	\$6,928,206
Hominy and grits:			
Pounds.....	79,146,293	19,534,650	82,614,004
Value.....	\$1,233,810	\$289,941	\$857,957
Oatmeal:			
Pounds.....	6,560,172		
Value.....	\$118,629		
Bran and middlings:			
Tons.....	328,665		
Value.....	\$7,864,012		
Feed and offal:			
Tons.....	637,394	856,923	622,102
Value.....	\$19,659,671	\$23,735,433	\$14,564,772
Breakfast foods:			
Pounds.....	20,119,623		
Value.....	\$476,737		
All other cereal products, value.....	\$171,266	\$1,200,792	
All other products, value.....	\$391,716	\$227,040	\$856,585

Wheat flour, which represents slightly more than one-half of the total value of all products at each census, shows an increase of 27.3 per cent in quantity and 14.4 per cent in value for the period 1909-1914, as compared with an increase of 17.9 per cent in quantity and 26.6 per cent in value for the preceding five-year period. Feed and offal, consisting mainly of corn and oats ground together, was the second product of importance at each census. The output of corn meal and corn flour and of rye flour decreased in both quantity and value for both five-year periods. Buckwheat flour increased in quantity and value during the earlier five-year period but decreased during the later period. The largest relative increase was for hominy and grits, 305.2 per cent in quantity and 325.5 per cent in value.

Of the 891 mills reported in 1914, 232 were engaged in milling wheat flour. Thirteen mills produced in the aggregate 7,122,767 barrels of wheat flour, or 83.6 per cent of the total output for the state. The equipment reported in 1914 consisted mainly of 2,268 stands of rolls, 600 runs of stone, and 887 attrition mills. Barrels were manufactured by 10 and sacks by 2 of the establishments reporting in 1914.

Boots and shoes.—The manufacture of footwear in New York shows a decided advance from 1909 to 1914. The total number of pairs increased 36 per cent and constituted 13.3 per cent of the total for the United States in 1914, as compared with 10 per cent in 1909.

The following table shows the number of pairs of the various kinds of footwear manufactured during 1914, 1909, and 1904.

KIND.	NUMBER OF PAIRS.		
	1914	1909	1904
Boots and shoes.....	29,108,742	20,105,346	19,010,064
Men's.....	9,923,488	3,853,855	5,576,787
Boys' and youths'.....	2,590,175	745,527	1,265,183
Women's.....	12,021,725	10,141,133	7,174,649
Misses' and children's.....	4,573,354	5,364,831	4,993,445
Slippers.....	1,301,509	2,518,469	2,037,412
Men's, boys' and youths'.....	108,531	701,356	393,968
Women's, misses', and children's.....	1,192,978	1,817,113	1,643,444
Infants' shoes and slippers.....	4,306,631	3,797,675	(1)
All other footwear.....	4,081,276	2,116,961	2,779,814

¹ Not reported separately.

The number of pairs of boots and shoes manufactured in 1914 is an increase over 1909 of 44.8 per cent, and represents 11.5 per cent of the total made in the United States, as compared with 8.1 per cent in 1909. The production of men's boots and shoes increased 157.5 per cent between 1909 and 1914, and that of boys' and youths' and women's boots and shoes, 247.4 per cent and 18.5 per cent, respectively. The output of misses' and children's boots and shoes decreased 14.8 per cent during the five years.

The number of pairs of slippers manufactured in 1914 was 48.3 per cent less than the number reported for 1909, but this figure is exclusive of more than 3,500,000 pairs of felt slippers included under "all other footwear," not designated in the returns as men's or women's slippers. Making such allowance, the output of slippers in 1914 was nearly double that for 1909. The number of infants' shoes and slippers increased 13.4 per cent over 1909.

The output of the various kinds of footwear manufactured in 1914 and 1909, classified according to the methods used in their manufacture, is shown in the following table:

KIND.	Census Year.	NUMBER OF PAIRS BY METHOD OF MANUFACTURE.			
		Total.	Welted.	McKay.	Turned and wood or metal fastened.
Boots and shoes.....	1914	29,108,742	12,220,438	4,638,527	12,249,777
	1909	20,105,346	7,399,540	5,374,211	7,331,595
Men's, boys' and youths'.....	1914	12,513,663	3,433,881	1,472,366	7,607,416
	1909	4,599,832	1,333,083	1,004,776	2,261,538
Women's.....	1914	12,021,725	6,943,115	2,514,851	2,563,759
	1909	10,141,133	4,905,261	2,905,639	2,330,233
Misses' and children's.....	1914	4,573,354	1,843,442	651,310	2,078,602
	1909	5,364,831	1,161,211	1,463,796	2,739,824
Slippers.....	1914	1,301,509	261,391	209,951	830,167
	1909	2,518,469	360,670	1,523,174	634,625
Men's, boys', and youths'.....	1914	108,531	38,882	64,294	5,355
	1909	701,356	73,847	479,855	147,653
Women's, misses', and children's.....	1914	1,192,978	222,509	145,657	824,812
	1909	1,817,113	286,823	1,043,318	486,972
Infants' shoes and slippers..	1914	4,306,631	45,833	138,946	4,121,852
	1909	3,797,675	291,842	22,203	3,483,630
All other footwear.....	1914	4,081,276	3,400	2,327,919	1,749,957
	1909	2,116,961	789,192	763,103	564,666

Of the total number of pairs of footwear manufactured in New York in 1914, 48.8 per cent were turned

and wood or metal fastened, 32.3 per cent were welted, by machine or hand, and 18.9 per cent were McKay sewed. Nearly two-thirds of the men's, boys' and youths' boots and shoes made in 1914 were turned and wooden or metal fastened, as compared with less than one-half in 1909. A large proportion of women's boots and shoes and misses' and children's boots and shoes were made by the welted process—57.8 per cent of the women's and 40.3 per cent of the children's. Practically two-thirds of the slippers and nearly all of the infants' footwear were turned.

Paper and wood pulp.—New York has been the leading state in the production of paper and wood pulp at the last three censuses. In 1914 the value of the manufactured output formed 17 per cent of the total for the industry in the United States. Of the 150 paper and pulp mills in the state in 1914, 18 were engaged exclusively in the manufacture of wood pulp, 76 made paper only, and 56 produced both pulp and paper. The wood pulp manufactured in mills producing pulp exclusively was used largely as material by the paper mills of the state, and to the extent that it was so used its value represents a duplication both in the total cost of materials and in the total value of products shown for the industry as a whole.

The following table gives the quantity and cost of the principal materials used in the industry during 1914, 1909, and 1904:

	1914	1909	1904
Materials, total cost.....	\$35,930,459	\$31,767,283	\$22,805,751
Pulp wood:			
Cords.....	894,098	921,882	864,214
Cost.....	\$9,664,422	\$9,667,765	\$6,530,006
Wood pulp purchased:			
Tons.....	390,064	331,143	264,862
Cost.....	\$10,621,460	\$10,075,729	\$7,012,081
Ground—			
Tons.....	1,240,177	150,844	111,082
Cost.....	\$4,746,756	\$3,202,648	\$1,942,151
Sulphite fiber—			
Tons.....	123,013	162,847	145,974
Cost.....	\$5,062,236	\$6,157,218	\$4,801,063
Other chemical fiber—			
Tons.....	26,874	17,452	7,806
Cost.....	\$812,468	\$715,863	\$268,867
Rags, including cotton and flax waste and sweepings:			
Tons.....	29,416	27,809	21,056
Cost.....	\$617,446	\$493,271	\$335,503
Old or waste paper:			
Tons.....	188,379	155,436	101,472
Cost.....	\$2,102,411	\$2,000,335	\$1,167,592
Manila stock, including jute bagging, rope, waste, threads, etc.:			
Tons.....	11,793	11,952	23,119 ¹
Cost.....	\$487,422	\$429,368	\$554,335
Fuel and rent of power, cost.....	\$4,042,077	\$3,028,118	\$2,293,285
All other materials, cost.....	\$8,395,221	\$6,072,697	\$4,912,949

¹ Includes 4,150 tons of mechanical screenings which cost \$33,476.

The cost of pulp wood purchased for use in the establishment reporting was practically the same in 1914 as in 1909. Of the 894,098 cords of pulp wood used in 1914, 39.8 per cent was imported spruce; 39.2 per cent, domestic spruce; 4.8 per cent, imported poplar; and 4.6 per cent, domestic poplar.

The quantity and cost of wood pulp purchased for use in the establishments reporting increased substantially during the decade. Ground wood pulp

represented 61.6 per cent of the total amount of wood pulp purchased for use in 1914, but its cost was less than that of sulphite fiber. The quantity of sulphite fiber purchased for use in 1914 was practically one-fourth (24.5 per cent) less than that reported for 1909, while the total cost was about one-sixth (17.8 per cent) less in 1914 than in 1909. Rags and waste paper were used in increased quantity at each census period. Manila stock decreased 1.3 per cent in quantity, but increased 13.5 per cent in cost from 1909 to 1914.

The quantity and value of the different products manufactured during the last three census years are shown in the following table:

	1914	1909	1904
Products, total value.....	\$56,335,681	\$48,859,610	\$37,750,005
News paper, in rolls or sheets:			
Tons.....	489,136	374,808	347,546
Value.....	\$19,869,081	\$14,662,245	\$13,466,093
Hanging papers:			
Tons.....	69,022	62,179	42,722
Value.....	\$3,187,737	\$2,865,839	\$1,978,650
Book, cover, plate, and coated paper:			
Tons.....	82,142	68,717	33,567
Value.....	\$5,705,680	\$4,567,173	\$2,381,336
Wrapping paper:			
Tons.....	153,249	150,098	157,183
Value.....	\$3,265,907	\$7,724,244	\$7,180,993
Manila (rope, jute, etc.)—			
Tons.....	16,327	17,347	20,888
Value.....	\$1,250,725	\$1,045,375	\$980,273
Heavy (mill wrappers, etc.)—			
Tons.....	19,654	18,951	12,741
Value.....	\$662,840	\$695,468	\$466,846
Bogus or wood manila—			
Tons.....	87,277	79,952	75,262
Value.....	\$4,313,583	\$4,206,208	\$3,359,950
All other—			
Tons.....	34,991	33,848	48,295
Value.....	\$2,038,759	\$1,777,193	\$2,373,894
Boards:			
Tons.....	181,830	141,467	90,094
Value.....	\$6,441,815	\$5,105,735	\$3,847,317
Wood pulp—			
Tons.....	32,376	23,757	11,011
Value.....	\$1,279,332	\$948,796	\$508,000
News—			
Tons.....	4,213	5,477	7,230
Value.....	\$125,023	\$144,844	\$255,843
All other—			
Tons.....	145,241	112,233	71,853
Value.....	\$5,037,460	\$4,012,095	\$2,583,474
Tissue paper:			
Tons.....	46,032	30,049	18,101
Value.....	\$3,909,858	\$2,786,101	\$1,764,911
All other paper:			
Tons.....	58,296	62,930	30,824
Value.....	\$3,141,112	\$2,199,723	\$1,582,100
Wood pulp made for sale or for consumption in mills other than where produced:			
Tons.....	182,964	279,875	235,442
Value.....	\$4,938,321	\$8,820,696	\$5,621,342
Ground—			
Tons.....	100,631	100,883	128,695
Value.....	\$1,804,941	\$1,859,391	\$1,921,371
Sulphite fiber—			
Tons.....	53,874	146,256	89,368
Value.....	\$2,134,879	\$5,586,136	\$3,076,740
Soda fiber—			
Tons.....	23,499	33,236	17,379
Value.....	\$950,179	\$1,375,169	\$623,231
Screenings, mechanical and chemical—			
Tons.....	4,960	(¹)	(¹)
Value.....	\$45,322	(¹)	(¹)
All other products, value.....	\$876,170	\$157,854	\$428,863
Wood pulp produced (including that used in mills where manufactured), total tons.....	703,125	679,534	606,014
Ground, tons.....	423,605	405,376	379,029
Sulphite fiber, tons.....	216,446	234,717	200,019
Soda fiber, tons.....	49,594	39,441	26,968
Screenings, mechanical and chemical, tons.....	10,480	(¹)	(¹)

¹ Not reported separately.

At each of the last three censuses New York has led all other states in the output of news paper, the

mills of the state producing over one-third of all the news paper manufactured in the United States in 1914. From 1909 to 1914 the increase in the value of this product was \$5,206,836, or 35.5 per cent.

Wrapping paper, the second product of importance at each census, was largely of the Bogus or wood manila variety. The output of boards more than doubled in quantity during the decade and increased 92.4 per cent in value. New York reported 71.5 per cent of the total quantity of hanging paper and 39.9 per cent of the tissue paper manufactured in the United States in 1914, as compared with 67.5 per cent and 38.7 per cent, respectively, in 1909.

Of the total quantity of wood pulp manufactured in the state in 1914, including that used in the mills where it was made, 60.2 per cent was ground wood pulp; 31.2 per cent, sulphite fiber; 7.1 per cent, soda fiber; and 1.5 per cent, screenings. These figures represent a slight increase in the proportion of ground wood pulp and soda fiber in 1914 over 1909. Seventy-four per cent of the pulp manufactured in 1914 was used in the mills where it was made, as compared with 58.8 per cent in 1909.

The status of the industry is best indicated by a comparison of the total quantity of wood pulp manufactured with that consumed in the establishments reporting as well as that manufactured for sale. In 1914 the mills of the state produced 703,125 tons of wood pulp, of which 182,964 tons were manufactured for sale. Adding the 390,064 tons purchased to the difference, 520,161 tons, the resultant, 910,225 tons, represents the total quantity of wood pulp used in the manufacture of paper in the state during 1914. The total quantity used in 1909 was 730,802 tons. There were 207,100 tons of wood pulp used in 1914, which were purchased outside the state, as compared with 51,268 tons in 1909 and 29,420 tons in 1904. Although there has been an increase during the decade in the production of wood pulp, the gain has not kept pace with the growing demand for this important material required in the manufacture of paper.

Table 52 shows the number and capacity of the Fourdrinier and cylinder machines used in the paper mills and of the grinders and digesters used in the pulp mills in 1914, 1909, and 1904.

The number of paper machines decreased from 331 in 1909 to 278 in 1914, while their annual capacity increased 230,499 tons, or 21 per cent, during the five-year period. The reduction in Fourdrinier machines was only 6 as compared with 47 in the cylinder machines. The daily capacity of both classes of paper machines, however, increased substantially. The pulp equipment of the state decreased about one-tenth in capacity, as compared with 1909, but increased over 1904. The number of grinders increased by 36 from 1909 to 1914, but the yearly capacity decreased by 61,121 tons. Soda-fiber digesters made a small gain,

both in number and yearly capacity, as compared with the two previous censuses, while sulphite-fiber digesters decreased both in number and yearly capacity, as compared with 1909.

	1914	1909	1904
Paper machines:			
Total number.....	278	331	290
Capacity, yearly, tons.....	1,326,593	1,096,094	880,920
Fourdrinier—			
Number.....	147	153	155
Capacity per 24 hours, tons.....	3,163	2,475	2,230
Cylinder—			
Number.....	131	178	135
Capacity per 24 hours, tons.....	1,266	1,124	815
Pulp machines:			
Grinders, number.....	536	500	535
Digesters, number.....	104	114	105
Sulphite fiber.....	81	93	84
Soda fiber.....	23	21	21
Capacity, yearly, tons of pulp.....	936,402	1,038,741	832,509
Ground.....	624,315	685,436	566,703
Sulphite.....	260,234	308,622	238,284
Soda.....	51,853	44,683	32,522

Gas, illuminating and heating.—This industry includes the manufacture of all gas for illuminating and heating purposes, with the exception of by-product gas from coke manufacture and producer gas made and consumed in the same establishment. Gas lighting was first introduced into New York City in 1823. In 1869 the value of all products of the gas industry was \$8,512,706 and it has a little more than doubled each 20 years since—in 1889 the value being \$18,716,683 and in 1909, \$42,346,726. In 1914 the value of all products was \$52,815,589, an increase of 24.7 per cent over 1909. New York has ranked first among the states at the last three censuses, reporting 24 per cent of the total value of products for the industry in the United States in 1914, as compared with 25.4 per cent in 1909 and 28.2 per cent in 1904.

The following table shows the quantity and cost of the different materials used in the gas industry during 1914, 1909, and 1904:

	1914	1909	1904
Materials, total cost.....	\$21,559,786	\$15,018,406	\$10,940,401
For gas making:			
Coal—			
Tons (2,000 lbs.).....	1,521,359	1,275,404	1,159,196
Cost.....	\$5,299,805	\$4,305,405	\$3,934,231
Coke—			
Tons (2,000 lbs.).....	91,343	101,012	37,274
Cost.....	\$314,703	\$330,338	\$77,052
Oil—			
Gallons.....	1,200,293,345	1,171,212,040	128,365,316
Cost.....	\$8,278,747	\$5,578,560	\$5,509,761
Calcium carbide—			
Pounds.....	2,463,042	897,359	31,600
Cost.....	\$50,110	\$27,489	\$1,251
Gas, purchased, cost.....	\$4,956,683	\$2,965,563	\$62,151
Fuel for boilers and retorts, cost.....	\$601,697	\$384,712	\$383,370
Amount paid for lamps and appliances purchased for sale, cost.....	\$874,724	\$986,370	
All other materials, cost.....	\$1,183,317	\$439,969	\$967,585

¹ Includes, for 1914, 18,150 gallons of benzol, \$2,672, and 85,663 gallons of benzene, gasoline, or naphtha, \$8,606; for 1909, 63,911 gallons of benzol, \$5,994, and 56,124 gallons of benzene, gasoline, or naphtha, \$12,327.

Oil was the most important material used at the last three censuses, the cost representing 38.4 per cent of the amount expended for all materials in 1914, 37.1 per cent in 1909, and 50.4 per cent in 1904. The quan-

tity of oil used in 1909 was practically one-third more than in 1904, while the cost was but slightly greater, whereas in 1914 the quantity of oil used increased only 17 per cent over 1909 while the cost increased by nearly one-half. The material of second importance was coal, the cost of which represented 24.6 per cent of the total cost of all materials in 1914, as compared with 28.7 per cent in 1909 and 36 per cent in 1904. The quantity used increased 19.3 per cent and the cost 23.1 per cent from 1909 to 1914.

Calcium carbide, which is used in the manufacture of acetylene gas, shows the greatest relative gain both in quantity and cost. A number of companies manufacturing gas within the state purchased from other New York companies considerable quantities of gas for distribution, such purchases amounting in 1914 to 10,849,673,000 cubic feet and costing \$4,956,683. These figures, in a measure, represent the extent of duplication in the industry for the year.

The following table shows the quantity and value of the different gas products manufactured during the last three census years:

	1914	1909	1904
Products, total value.....	\$52,815,589	\$42,346,726	\$35,314,903
Gas:			
Cubic feet, thousands.....	54,776,737	45,768,354	34,180,625
Value.....	\$43,169,529	\$34,851,565	\$33,483,741
Straight coal—			
Cubic feet, thousands.....	1,822,078	6,258,297	2,277,537
Value.....	\$1,701,335	\$4,267,355	\$2,084,077
Carbureted water—			
Cubic feet, thousands.....	34,593,594	34,759,676	22,336,001
Value.....	\$26,445,859	\$26,704,625	\$18,569,697
Mixed coal and water—			
Cubic feet, thousands.....	18,289,899	4,603,866	9,261,881
Value.....	\$14,670,483	\$3,490,211	\$12,518,259
Oil—			
Cubic feet, thousands.....	53,922	134,167	303,186
Value.....	\$189,590	\$322,878	\$306,270
Acetylene—			
Cubic feet, thousands.....	8,522	3,488	128
Value.....	\$150,392	\$48,837	\$2,014
All other—			
Cubic feet, thousands.....	8,722	8,860	1,892
Value.....	\$11,870	\$17,659	\$3,424
Coke:			
Bushels.....	16,327,388	17,509,858	11,839,567
Value.....	\$1,197,018	\$1,163,509	\$732,712
Tar:			
Gallons.....	27,240,634	115,304,307	13,334,182
Value.....	\$736,044	\$312,749	\$317,214
All other products, value.....	\$6,476,672	\$4,984,977	\$152,823
Receipts from rents and sales of lamps and appliances, value.....	\$1,236,326	\$1,033,926	\$628,413

¹ In addition, 6,439,961 gallons were reported without value.

The total quantity of all kinds of gas reported increased 9,008,383,000 cubic feet, or 19.7 per cent, and the value \$8,317,964, or 23.9 per cent, from 1909 to 1914. Carbureted water gas, although manufactured in slightly less quantity in 1914 than in 1909, formed 63.2 per cent of the total production and 61.3 per cent of the total value. From 1904 to 1909 the quantity and value of mixed gas decreased by more than one-half, but from 1909 to 1914 there was an increase of 13,686,033,000 cubic feet, or 297.3 per cent, and of \$11,180,272, or 320.3 per cent, in value. The output of straight coal gas increased 3,980,760,000 cubic feet, or 174.8 per cent, and \$2,183,278, or 104.8 per cent, in value from 1904 to 1909, but from 1909 to 1914 de-

creased 4,436,219,000 cubic feet, or 70.9 per cent, and \$2,566,020, or 60.1 per cent, in value. Acetylene gas shows a relatively large increase at each census period. There was a decrease from 1909 to 1914 in the output of coke produced for sale and a substantial increase in the production of tar.

Iron and steel, blast furnaces.—A large proportion of the pig iron products of the blast furnaces is used in cooperating steel works; hence, there is some duplication in cost of materials and value of products between the separately classified industries when considered as a combined industry.

The following table shows the quantity and value of pig iron produced in 1914, 1909, and 1904, together with the value of the other products of the blast furnaces:

	1914	1909	1904
Products, total value.....	\$18,485,638	\$26,620,948	\$8,634,737
Pig iron:			
Tons (2,240 lbs.).....	1,406,455	1,717,091	609,588
Value.....	\$18,175,036	\$26,596,413	\$8,411,940
All other products, value.....	\$310,602	\$24,535	\$222,791
<i>Pig iron classified by grades (tons).</i>			
Basic.....	332,507	262,846	4,669
Bessemer, including low phosphorus.....	246,023	622,115	225,414
Foundry.....	629,459	629,905	275,104
Malleable.....	196,462	107,973	34,848
All other.....	2,004	94,252	69,553
<i>Pig iron classified by method of delivery or casting (tons).</i>			
Sand cast.....	659,378	764,800	382,235
Delivered in molten condition.....	468,767	692,691	127,028
Machine and chill cast, etc.....	278,310	259,600	100,325

There was a pronounced increase in the production of pig iron during the five-year period 1904-1909, the actual gain being 181.7 per cent in tonnage and 216.2 per cent in value. The output decreased, however, from 1909 to 1914, 18.1 per cent in tonnage and 31.7 per cent in value. Of the coke iron which comprised all of the 1914 product, 70 per cent was produced for sale and 30 per cent for use in the plants of the producing companies. The leading grade was foundry iron, which formed 44.8 per cent of the total production in 1914, 36.7 per cent in 1909, and 45.1 per cent in 1904. Basic pig iron was second in importance in 1914, while Bessemer, which was second in importance both in 1909 and 1904, dropped to third place in 1914, decreasing 60.5 per cent in tonnage.

There were 16 active furnaces in 1914, 3 less than in 1909, with an aggregate daily capacity of 5,385 tons. Fourteen are located in the western part of the state, in Erie, Niagara, and Monroe Counties, and 2 in the Champlain district. The western group of furnaces used Lake Superior ores, while those of the Champlain district used ores mined in the neighborhood.

Iron and steel, steel works and rolling mills.—The following table shows the quantity and the cost of the principal classes of materials and the quantity and value of the main groups of products reported by the

steel works and rolling mills of New York for 1914, 1909, and 1904:

	1914	1909	1904
Materials, total cost.....	\$18,216,613	\$25,889,170	\$18,260,039
Pig iron, including ferroalloys:			
Tons (2,240 lbs).....	522,783	947,541	506,902
Cost.....	\$7,150,599	\$15,087,647	\$6,800,549
Scrap, purchased, including old rails not intended for rerolling: ¹			
Tons.....	194,541	183,112	156,985
Cost.....	\$2,456,598	\$3,289,711	\$2,181,434
Ingots, blooms, billets, slabs, muck and scrap bar, and sheet and tin-plate bars:			
Tons.....	92,296	96,691	24,811
Cost.....	\$1,763,386	\$1,874,919	\$676,995
Fuel and rent of power, cost.....	\$2,496,187	\$2,170,165	\$1,577,541
All other materials, cost.....	\$4,349,843	\$3,516,728	\$2,023,520
Products, total value.....	\$32,077,757	\$39,532,414	\$21,227,399
Rolled, forged, and other classified products:			
Tons.....	703,710	1,055,968	569,323
Value.....	\$26,465,401	\$33,921,048	\$18,216,002
All other products, including value added to rolling-mill products by further manufacture, value.....	\$5,612,356	\$5,611,366	\$3,011,397

¹ Includes scrap transferred to the establishment reporting from other works of the company.

Pig iron and ferroalloys constituted the most important group of materials used in each of the last three census years, as regards both tonnage and cost. The cost of pig iron and ferroalloys, formed 39.3 per cent of the total cost of materials used in 1914, as compared with 58.3 per cent in 1909 and 51.3 per cent in 1904. From 1904 to 1909 there was a general increase in the tonnage of each of the three main groups of materials used, as well as in the cost of each class of materials, the largest relative gain in both respects being shown for the group comprising ingots, blooms, etc. Owing to the industrial depression of 1914, the returns for that year show a decrease since 1909 of 44.8 per cent in the quantity of pig iron used and of 4.5 per cent in the quantity of ingots, blooms, etc., consumed. The only material showing an increase in 1914, as compared with 1909, was scrap iron purchased, which increased 6.2 per cent in quantity but decreased 24.2 per cent in cost. In addition to the 194,541 tons of scrap iron and steel acquired from outside sources, 176,832 tons produced in the works themselves during 1914 was charged back into the furnaces.

Rolled, forged, and other classified products, which represented 82.5 per cent of the total value of products for the industry in 1914 and 85.8 per cent in both 1909 and 1904, show a decrease from 1909 to 1914 of 33.4 per cent in tonnage and of 22 per cent in value. The total production of steel in the state in 1914 was 745,441 tons, as compared with 1,115,250 tons in 1909 and 474,258 tons in 1904. Open-hearth steel constituted 81 per cent of the total output; Bessemer steel, 16.1 per cent; and crucible and electric steel, the remainder. Of the total products in 1914, 711,822 tons were in ingots and 33,619 tons were in castings.

The leading rolling-mill products in 1914 in the order of tonnage were: Rails; bars and rods, including

spike, chain, and bolt rods, horseshoe bars, etc.; structural shapes; rail fastenings; plates and sheets; and wire rods.

Butter, cheese, and condensed milk.—The quantity of milk used in this industry decreased from 2,722,-580,187 pounds in 1904 to 2,422,727,788 pounds in 1909 and to 2,049,532,238 pounds in 1914, whereas the quantity of cream used increased from 6,176,069 pounds in 1904 to 17,842,320 pounds in 1909 and to 53,454,943 pounds in 1914. The decrease in the quantity of milk used in the manufacture of butter is due to the radical change in the method of handling milk, which has taken place in the last few years. Formerly it was common practice to sell the whole milk to the creamery, but now the milk is usually separated on the farm and only the cream is sold.

Establishments engaged primarily in the manufacture of butter decreased from 543 in 1904 to 426 in 1909 and to 279 in 1914, and those manufacturing cheese decreased from 1,198 in 1904 to 1,090 in 1909 and to 821 in 1914. On the other hand, the establishments engaged in the production of condensed milk increased from 25 in 1904 to 36 in 1909 and to 44 in 1914.

The following table shows the quantity and value of the different kinds of butter, cheese, and condensed milk manufactured in New York during 1914, 1909, and 1904:

	1914	1909	1904
Products, total value.....	\$43,262,309	\$42,488,345	\$31,047,776
Butter:			
Pounds.....	35,385,557	45,897,216	58,256,504
Value.....	\$10,551,007	\$13,471,482	\$12,316,059
Packed solid—			
Pounds.....	23,526,187	31,481,828	46,208,732
Value.....	\$6,871,975	\$9,127,057	\$9,522,572
Prints or rolls—			
Pounds.....	11,859,370	14,415,388	12,047,772
Value.....	\$3,679,032	\$4,344,425	\$2,798,487
Cheese:			
Pounds.....	97,614,024	105,194,898	132,836,482
Value.....	\$13,840,244	\$14,266,924	\$10,812,747
Full-cream—			
Pounds.....	86,015,482	89,055,411	(¹)
Value.....	\$12,556,953	\$12,502,997	(¹)
Part-cream—			
Pounds.....	6,812,375	7,171,365	(¹)
Value.....	\$659,572	\$778,770	(¹)
Skimmed—			
Pounds.....	2,692,691	4,455,681	(¹)
Value.....	\$243,349	\$291,246	(¹)
Other kinds—			
Pounds.....	2,093,476	4,512,441	(¹)
Value.....	\$380,370	\$693,911	(¹)
Condensed and evaporated milk:			
Pounds.....	131,574,633	120,601,999	102,480,355
Value.....	\$10,600,913	\$9,428,283	\$6,718,380
Sweetened—			
Pounds.....	72,487,665	87,653,031	78,149,508
Value.....	\$6,628,171	\$7,575,218	\$5,433,668
Unsweetened and evaporated—			
Pounds.....	59,086,968	32,948,968	24,330,847
Value.....	\$3,972,742	\$1,853,065	\$1,284,712
Cream sold:			
Pounds.....	28,074,200	27,078,783	5,072,920
Value.....	\$4,312,170	\$3,481,296	\$428,941
Casein:			
Pounds.....	6,986,603	6,712,971	6,736,506
Value.....	\$462,299	\$482,308	\$310,953
Powdered milk:			
Pounds.....	9,372,177	(²)	(²)
Value.....	\$1,105,335	(²)	(²)
All other butter, cheese, and condensed-milk factory products, value.....	\$1,892,915	\$589,211	\$460,696
All other products, value.....	\$497,426	\$738,841	

¹ Not shown separately.

² Figures not available.

The output of cheese and also of butter decreased in quantity but increased in value from 1904 to 1909, while from 1909 to 1914 both quantity and value decreased. Condensed milk increased substantially in both quantity and value during the decade.

Powdered milk, which was not reported separately prior to 1914, has assumed proportions of commercial importance. This product is a form of dry condensed milk, which by the addition of water and a certain amount of cream is converted into a good grade of milk. The growing demand for this product is due to the fact that it can be kept for a long period without deteriorating, and it is not affected by climatic changes.

Of the totals reported for the United States in 1914, the factories of New York contributed 4.8 per cent of the value of butter, 27.5 per cent of the value of cheese, and 18 per cent of the value of condensed milk. The corresponding percentages for 1909 were considerably higher, 7.5, 33, and 28.1, respectively.

More than two-thirds of the butter manufactured in 1914 and 1909 was packed solid; the remaining was sold in prints or rolls. Full-cream cheese represented 88.1 per cent of the total quantity of cheese manufactured in 1914, against 84.7 per cent in 1909, and part-cream represented 7 per cent in 1914, compared with 6.8 per cent in 1909.

Although the quantity and value of sweetened condensed milk increased from 1904 to 1909, there was a decrease in both items from 1909 to 1914. Nearly 6,000,000 pounds less sweetened condensed milk was manufactured in 1914 than in 1904, but the value advanced more than \$1,000,000. Unsweetened and evaporated condensed milk shows a greater increase than any other product: nearly two and one-half times as much was manufactured in 1914 as in 1904, and the value was over three times as great.

Chemicals.—There is a considerable production of chemicals by establishments reported under other industrial classifications, and in the presentation of statistics for products in detail these have been included, but their value is not included in the general statistics for the classified industry.

Table 58 shows the quantity and value of the more important chemicals and groups of chemicals manufactured during 1914, 1909, and 1904.

While the establishments constituting the classified chemical industry reported products valued at \$42,876,880 in 1914, this amount includes the value of products other than chemicals, such as residuums, etc., valued at \$1,055,978. In addition, there were produced by establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids, and in the manufacture of products classified under other industry designations, chemicals valued at \$6,043,324, so that the value of all chemical products of the state was \$47,864,226. The corresponding figures for 1909 and 1904 were \$37,842,580 and \$23,122,989, respectively.

Table 58	1914	1909	1904
Products, total value.....	\$48,920,204	\$39,079,197	\$25,733,397
The chemical industry.....	\$42,876,880	\$35,346,072	\$23,021,705
Sulphuric, nitric, and mixed acids industry and subsidiary chemical products from other industries.....	\$6,043,324	\$3,733,125	\$2,711,692
Acids.....	\$3,884,613	\$3,717,588	\$3,813,506
Sodas.....	\$7,314,205	\$6,221,853	\$5,542,630
Soda ash—			
Tons.....	159,440	142,131	173,721
Value.....	\$1,833,012	\$2,271,513	\$2,815,718
Sal soda—			
Tons.....	40,864	37,106	35,824
Value.....	\$548,115	\$437,531	\$408,301
Bicarbonate of soda—			
Tons.....	51,641	49,306	44,217
Value.....	\$824,873	\$868,836	\$587,698
Other soda products, value.....	\$4,088,205	\$2,645,973	\$1,641,153
Alums, value.....	\$435,618	\$345,437	(?)
Coal-tar products, value.....	\$521,713	\$258,972	\$37,000
Bleaching materials, value.....	\$2,546,209	\$332,006	\$507,774
Chemical substances produced by the aid of electricity, value.....	\$23,081,853	\$13,401,878	\$4,784,040
Included under specific heads, value.....	\$3,319,898		
Not elsewhere included, value.....	\$19,761,955	\$13,401,878	\$4,784,040
Compressed or liquefied gases, value.....	\$1,143,413	\$702,739	\$400,316
Other chemicals, value.....	\$12,256,500	\$11,961,107	\$7,830,763
All other products, value.....	\$1,055,978	\$1,236,617	\$2,610,408

¹ Includes value of all products of sulphuric, nitric, and mixed acid establishments.
² Figures not available.

Electrochemical and electrometallurgical products form the most important group. In 1914 chemicals valued at \$23,081,853 were manufactured by the aid of electricity. This is an increase of 72.2 per cent over 1909, and the output in 1909 was an increase of 180.1 per cent over 1904. The 1914 product includes sodas, bleaching materials, etc., made with the aid of electricity, which are also included in their respective groups. The value of these products constituted 48.2 per cent of the total value of all chemicals manufactured in the state in 1914, as compared with 35.4 per cent in 1909 and 20.7 per cent in 1904. The remarkable growth in the manufacture of this group of products in New York, which in 1914 represented more than three-fourths of the total value of such products in the United States, is due largely to the extensive utilization of water power in the western part of the state for the generation of electric current. The principal substances which made up this group in 1914 are abrasives (alundum, carborundum, etc.); aluminum; calcium carbide; carbon bisulphide; caustic soda and caustic potash; chlorates; chloride of lime and other hypochlorites; chlorine; ferro and other alloys; phosphorus; sodium and sodium peroxide.

The next group in point of value in 1914 was sodas, which increased \$678,923, or 12.2 per cent, from 1904 to 1909, and \$1,092,352, or 17.6 per cent, from 1909 to 1914. The production includes that made electrochemically. In 1904 "sodas" was the most important group. The large increase in bleaching chemicals, 173.2 per cent, from 1909 to 1914, is due chiefly to the growth of electrochemical production. Coal-tar products more than doubled in value, and the output of compressed or liquefied gases increased over 60 per cent during the five-year period 1909–1914. The chief products under the heading of "compressed or liquefied gases" are carbon dioxide (carbonic acid gas), oxygen, chlorine, and laughing gas. Some of the more important products included under the group "other

chemicals" are refined glycerin, cream of tartar, chloroform, and silver salts.

Automobiles, including bodies and parts.—The following table shows the number and value of the different classes of machines manufactured during 1914, 1909, and 1904:

	1914		1909		1904	
	Number.	Value.	Number.	Value.	Number.	Value.
Products, total value ¹		\$42,115,276		\$30,979,527		\$4,260,164
Automobiles.....	11,056	21,759,117	8,064	17,509,582	1,808	3,071,093
Gasoline.....	(2)	(2)	7,529	16,446,788	1,496	2,169,093
Electric and steam.....	(2)	(2)	535	1,062,794	³ 312	902,000
Passenger vehicles.....	8,205	16,016,059	7,447	16,332,669	1,650	2,530,136
Touring cars.....	5,945	9,499,111	5,440	12,296,292	421	1,022,582
Runabouts and buggies.....	1,037	1,434,925	1,304	1,835,659	1,120	1,222,554
Closed (limousines, cabs, etc.).....	883	2,902,947	667	2,093,020		
All other (omnibuses, government and municipal, etc.).....	340	2,179,076	36	107,698	109	285,000
Business vehicles.....	2,851	5,743,058	617	1,176,913	158	540,957
Delivery wagons.....	511	846,039	139	282,989	77	191,457
Trucks and all other.....	2,340	4,896,419	478	893,924	81	349,500
All other products, including parts and repair work.....		20,356,159		13,469,945		1,189,071

¹ In addition, 6 automobiles, valued at \$10,459, in 1914, and 39 automobiles, valued at \$110,168, in 1909, were manufactured by establishments engaged primarily in other industries.

² Not shown separately, to avoid disclosure of individual operations.

³ Includes 5 steam touring cars.

In 1914, 11,056 automobiles, valued at \$21,759,117, were built in the automobile factories of New York. These figures represent an increase of 37.1 per cent in number and of 24.3 per cent in value for the five-year period 1909-1914, and a gain of 511.5 per cent in number and of 608.5 per cent in value for the ten-year period from 1904-1914.

Of the automobiles manufactured in 1914, 74.2 per cent were passenger vehicles, as compared with 92.3 per cent in 1909 and 91.3 per cent in 1904. There were 8,205 passenger automobiles made in 1914, 72.5 per cent of which were touring cars; of the 2,851 business vehicles, 82.1 per cent were trucks. The largest increase in the different classes of automobiles built was in trucks, which numbered 81 in 1904, 478 in 1909, and 2,340 in 1914. Automobiles manufactured in 1914 were equipped with engines rated as follows: 552 at less than 10 horsepower; 279 at 10 but less than 20 horsepower; 4,755 at 20 but less than 30 horsepower; 5,065 at 30 but less than 50 horsepower; and 405 at 50 horsepower or over.

The increase in the manufacture of automobiles in New York has not kept pace with the growth of the industry as a whole. Of the 569,054 automobiles manufactured in the United States in 1914, only 1.9 per cent were made in New York, as compared with 6.4 per cent in 1909 and 8.3 per cent in 1904.

The articles included under the heading of "all other products" at the census of 1914, the value of which amounted to 48.3 per cent of the total for all products, consisted largely of automobile bodies and

parts manufactured by establishments where no finished vehicles were produced. It has been the practice to segregate the manufacture of the different parts to a considerable extent and to distribute the various processes among different establishments. As these partly manufactured products become the materials for other establishments, which assemble the parts and produce the completed vehicle, there is a duplication in the total cost of materials and in the value of products reported for the industry approximately equivalent to the value of such bodies and parts used in the factories of the state.

Leather, tanned, curried, and finished.—The quantity and cost of the different kinds of materials used in this industry during the last three census years are shown in the following table:

	1914	1909	1904
Materials, total cost.....	\$27,912,271	\$20,940,733	\$16,274,903
Cattle hides:			
Number.....	2,050,403	1,639,467	1,569,750
Cost.....	\$15,042,357	\$10,473,699	\$7,804,223
Calf and kip skins:			
Number.....	2,060,623	2,107,584	1,135,591
Cost.....	\$3,476,444	\$2,751,764	\$1,083,158
Sheep and lamb skins:			
Number.....	8,309,020	6,491,352	7,124,420
Cost.....	\$3,819,324	\$3,214,723	\$2,708,110
All other materials, cost.....	\$5,574,146	\$4,500,547	\$4,679,412

Hides show a greater increase in cost during the five-year period 1909-1914 than any other of the materials used, namely, \$4,568,658, or 43.6 per cent, but the number used increased only 410,936, or 25.1 per cent. The cost of hides constituted 53.9 per cent of the total cost of all materials used in the industry in 1914, 50 per cent in 1909, and 48 per cent in 1904. Hides treated in New York in 1914 represented 11.7 per cent of those tanned in the United States in that year, as compared with 8.9 per cent in 1909. The number of calf and kip skins treated decreased by 2.2 per cent for the period 1909-1914, while the number of sheep and lamb skins increased 28 per cent.

The following table shows the quantity and value of the different products of this industry in 1914, 1909, and 1904.

	1914	1909	1904
Products, total value.....	\$36,018,342	\$27,642,383	\$21,642,945
Leather, value.....	\$33,571,695	\$25,859,801	\$19,265,208
Sole, value.....	\$7,184,038	\$5,933,249	\$4,027,072
Cattle side upper, value.....	\$9,181,915	\$5,825,075	\$4,901,639
Calf and kip skins—			
Number.....	2,059,523	2,106,084	1,122,832
Value.....	\$4,437,642	\$3,779,513	\$1,662,513
Sheep and lamb skins—			
Number.....	7,196,784	3,469,260	4,768,772
Value.....	\$4,707,888	\$2,406,610	\$3,049,763
Harness—			
Sides.....	252,133	237,198	184,182
Value.....	\$2,041,408	\$1,648,537	\$995,947
Upholstery (auto, furniture and carriage), value.....	\$420,597	\$851,055	\$223,025
All other, value.....	\$5,598,207	\$5,415,762	\$4,405,249
All other products, value.....	\$936,374	\$597,502	\$1,320,483
Work on materials for others, value.....	\$1,510,273	\$1,185,080	\$1,057,264

The value of upper leather constituted a larger proportion of the total value of all products for the industry in 1914 than that of any other product, whereas in 1909 sole leather was the leading product. Tanned and finished sheep and lamb skins show the largest relative increase from 1909 to 1914—107.4 per cent in number and 95.6 in value. During the same period the number of tanned and finished calf and kip skins decreased 2.2 per cent, while the value increased 17.4 per cent.

The quantity and value of harness leather manufactured in the state have increased at each of the last three censuses. In 1914 the state contributed 18 per cent of the total number of tanned and finished sheep and lamb skins and 12.8 per cent of the tanned and finished calf and kip skins reported for the United States. The value of upholstery leather increased 281.6 per cent from 1904 to 1909 but decreased 50.6 per cent from 1909 to 1914.

In addition to that shown in the above table, leather, valued at \$1,251,801, was treated during 1914 by tanning, currying, and finishing establishments which used it in further manufacture.

The amount received for tanning, currying, and finishing for others was 27.4 per cent greater in 1914 than in 1909, due to an increase in the number of hides tanned under contract. The estimated value after treatment of the stock tanned on a custom basis during 1914 for other tanners, curriers, or finishers was \$3,476,726, as compared with \$721,923 in 1909. On the other hand, the estimated value of the stock treated for others than tanners, curriers, or finishers was \$5,330,562, in 1914, as against \$7,286,944 in 1909. The estimated value of the leather produced for other establishments in this industry has no significance, for the reason that the value has already been included in the total value of products for the leather industry, being reported in each case by the establishment for which the work was done. The value of the leather made from hides and skins treated for others, not tanners, curriers, or finishers, is of greater importance, however, because it is not included in the total value of products, as the same hides or skins may be reported more than once, either as tanned and curried or finished. Furthermore, the value reported is estimated by the establishments doing the tanning or finishing and not by the owners.

Musical instruments, pianos and organs and materials.—The number and value of the different classes of instruments manufactured during 1914, 1909, and 1904 are shown in Table 62.

A total of 121,215 pianos were manufactured in 1914, a decrease of 8 per cent since 1909, but an increase of 15.8 per cent during the decade.

The value of pianos constituted 67.4 per cent of the total value of products for the industry in 1914, 70.2 per cent in 1909, and 71.3 per cent in 1904. While most of the pianos were upright without player at-

tachments, this class decreased from 1909 to 1914, 34,481, or 31.8 per cent, in number, and \$5,845,317, or 37.1 per cent, in value, compared with an increase from 1904 to 1909 of 11,580, or 11.9 per cent, in number, and \$1,264,680, or 8.7 per cent, in value. The decreased production during the decade of upright pianos without player attachments, however, is more than counterbalanced by the remarkable increase in the output of pianos for or with player attachments, the number having increased from 1,506 in 1904 to 41,728 in 1914. Grand pianos without player attachments increased 37.4 per cent in number and 28.8 per cent in value during the decade.

Table 62	1914	1909	1904
Products, total value.....	\$33,071,781	\$32,423,248	\$23,380,504
Pianos:			
Number.....	121,215	113,780	102,032
Value.....	\$22,285,359	\$22,704,384	\$16,684,911
Upright.....			
Without player attach- ments—			
Number.....	74,084	108,565	96,985
Value.....	\$9,924,398	\$15,799,715	\$14,505,035
For or with player attach- ments—			
Number.....	41,728	18,917	1,506
Value.....	\$9,682,506	\$4,024,148	\$314,682
Grand.....			
Without player attach- ments—			
Number.....	4,865	4,298	3,541
Value.....	\$2,402,216	\$2,370,521	\$1,865,194
For or with player attach- ments—			
Number.....	538	(²)	(²)
Value.....	\$276,179	(²)	(²)
Player attachments made separate:			
Number.....	1,722	2,789	2,672
Value.....	\$163,014	\$829,405	\$321,885
Organs, pipe:			
Number.....	3,747	3,275	58
Value.....	\$763,191	\$334,573	\$133,471
Perforated music rolls, value.....	\$343,247	(²)	(²)
Parts, materials, and supplies, value.....	\$8,719,201	\$7,026,850	\$5,142,812
All other products, value.....	\$797,769	\$1,468,030	\$1,106,445

¹ Figures do not agree with those published in 1909, or with the general statistics in other tables, because certain establishments revised their reports for that census.

² Not reported separately.

³ Includes reed organs, in order to avoid the disclosure of individual operations.

The production of pipe organs in 1914 was an increase over 1909 of 171.6 per cent in number and 128.1 per cent in value. Perforated music rolls were reported separately for the first time in 1914. At each of the three censuses the value of parts and materials constituted a considerable proportion of the total value of products. The major portion of the parts and materials, however, represents the output of independent establishments manufacturing such products, which in turn were used as materials in the instrument factories, thus duplicating in part the cost of materials and value of products shown for the industry as a whole.

Paint and varnish.—The quantity and value of the different classes of paints and varnishes manufactured in New York factories during 1914, 1909, and 1904 are shown in Table 63.

A larger value for paints in oil, already mixed for use, was reported in 1914 than for any other single product presented separately in the table, though the combined value of white lead, and all other paints

in paste form was slightly greater. Oleoresinous varnishes, the leading product both in 1904 and 1909, dropped to second place in 1914. The quantity and value of white lead, both dry and in oil, manufactured in 1914 formed 21.6 per cent and 20.3 per cent, respectively, of the corresponding totals for the United States, as compared with 22.6 per cent and 23 per cent, respectively, for 1909. Other leading products in 1914 were pigments, classified as dry colors, and water paints and kalsomine, dry or in paste.

	1914 ¹	1909	1904
Products, total value.....	\$31,884,421	\$28,559,474	\$25,121,446
Colors (pigments):			
White lead, dry—			
Pounds.....	12,341,619	12,173,520	² 74,518,249
Value.....	\$631,642	\$639,841	\$3,651,795
Iron buff and other earth colors—			
Pounds.....	7,806,465	11,919,174	9,172,633
Value.....	\$130,435	\$190,666	\$64,565
Other dry colors—			
Pounds—			
Chrome or yellow.....	1,922,729	69,744,818	40,572,052
Orange or green.....	1,989,878		
Prussian blue.....	916,690		
Vermilion (true).....	322,759		
All other.....	34,630,502		
Value.....	\$3,614,834	\$3,812,132	\$3,480,806
Pulp colors sold moist—			
Pounds.....	11,336,894	14,020,581	14,776,079
Value.....	\$583,417	\$672,111	\$593,504
Paints.....	\$11,612,019	\$9,657,809	\$5,686,269
In paste form, ground in oil—			
White lead—			
Pounds.....	63,789,375	62,973,138	(³)
Value.....	\$3,794,090	\$3,765,227	(³)
All other—			
Pounds.....	23,441,855	21,453,365	27,233,382
Value.....	\$2,067,847	\$2,274,401	\$2,273,822
In oil, already mixed for use—			
Gallons.....	4,746,087	3,331,091	3,947,600
Value.....	\$5,750,082	\$3,618,181	\$3,412,447
Varnishes and japans.....	\$8,653,686	\$7,639,299	\$5,851,940
Oleoresinous varnishes—			
Gallons.....	4,700,842	5,199,289	5,070,390
Value.....	\$5,044,550	\$4,328,544	\$4,173,126
Spirit varnishes, not turpentine—			
Gallons.....	667,230	253,266	323,596
Value.....	\$627,133	\$306,681	\$693,670
Damar and similar turpentine and benzine varnishes—			
Gallons.....	183,125	277,667	(³)
Value.....	\$203,470	\$221,343	(³)
Pyroxylin varnishes—			
Gallons.....	405,858	372,689	3,669
Value.....	\$666,681	\$422,560	\$3,758
Drying japans and dryers—			
Gallons.....	789,772	\$1,276,148	\$831,873
Value.....	\$461,387		
Baking japans and lacquers—			
Gallons.....	1,028,193		
Value.....	\$769,530		
All other, value.....	\$880,935	\$1,084,083	\$149,513
Fillers:			
Liquid—			
Gallons.....	219,582	201,232	188,014
Value.....	\$172,568	\$189,561	\$125,385
Dry or in paste—			
Pounds.....	2,066,252		
Value.....	\$207,363		
Putty—			
Pounds.....	11,322,630	15,096,299	14,584,498
Value.....	\$221,944	\$420,390	\$390,704
Water paints and kalsomine:			
Dry or in paste—			
Pounds.....	31,029,629	25,490,405	23,335,015
Value.....	\$1,043,894	\$856,159	\$748,391
Mixed for use—			
Gallons.....	36,204	(³)	(³)
Value.....	\$3,895	(³)	(³)
Linseed oil:			
Raw—			
Gallons.....	1,272,994	1,436,964	(³)
Value.....	\$734,004		
Boiled—			
Gallons.....	463,002	\$781,731	(³)
Value.....	\$248,228		
Other oils, value.....	\$216,619	(³)	(³)
Bleached shellac:			
Pounds.....	1,745,327	1,739,727	(³)
Value.....	\$341,753	\$368,253	(³)
All other products.....	\$3,468,120	\$3,331,522	\$4,528,087

¹ In addition, paints and varnishes to the value of \$1,088,897, were produced as subsidiary products by establishments engaged primarily in other lines of manufacture.
² Includes white lead in oil.
³ Figures not available.

Of the five leading products, all except pigments classified as other dry colors, and all other paints in paste form, show a gain from 1909 to 1914 in value, and all except pigments classified as dry colors and oleoresinous varnishes show an increase in quantity. The largest absolute increase in value was \$2,131,901, or 58.9 per cent, in paints in oil. The most pronounced relative increase, in both quantity and value, is shown for spirit varnishes.

In addition to the various products, for 1914, presented separately in the preceding table, paints and varnishes, to the value of \$1,088,897, were manufactured as secondary products by 15 establishments located in the state and included under other classifications. There were also 41,284,367 pounds of dry white lead, 739,759 gallons of varnish, and 573,194 pounds of lead oxide manufactured and used in further processes of manufacture within the paint and varnish establishments reporting.

During 1914, 28,112 tons of pig lead, valued at \$1,729,072; 208,850 gallons of grain alcohol, valued at \$114,002; 65,966 gallons of wood alcohol, valued at \$29,923; 3,817,160 gallons of linseed oil, valued at \$1,889,020; and 12,734,326 pounds of gums, valued at 1,173,141, were used in the manufacture of paint and varnish.

Soap.—The quantity and cost of the principal materials used in the manufacture of soap during 1914, 1909, and 1904 are shown in the following table:

	1914	1909	1904
Materials, total cost ¹	\$19,869,384	\$15,612,382	\$8,410,867
Tallow, grease, and other fats:			
Pounds.....	120,901,255	98,083,852	105,415,189
Cost.....	\$7,733,796	\$5,843,965	\$4,133,261
Cocunut and palm-kernel oil:			
Gallons.....	1,761,289	1,749,124	907,794
Cost.....	\$1,403,063	\$883,258	\$406,762
Cottonseed oil:			
Gallons.....	3,929,966	4,237,007	1,786,255
Cost.....	\$1,449,013	\$1,703,923	\$537,969
Rosin:			
Pounds.....	44,908,025	43,642,265	34,527,676
Cost.....	\$1,005,502	\$939,230	\$637,347
Roots:			
Pounds.....	33,135,684	9,825,800	3,495,053
Cost.....	\$4,870,765	\$429,904	\$139,489
Caustic soda:			
Tons (2,000 lbs.).....	9,931	11,006	13,928
Cost.....	\$325,879	\$449,716	\$569,950
Soda ash:			
Tons (2,000 lbs.).....	38,501	24,958	12,648
Cost.....	\$494,759	\$463,152	\$236,517
All other materials, cost.....	\$2,586,607	\$4,899,234	\$1,749,572

¹ Not including cost of the materials consumed in soap manufacture in establishments making soap as a subsidiary product.

Tallow, grease, and other fats, which at each of the last three censuses constituted the most important item among the materials used, show an increase for the five-year period 1909–1914 of 22,817,403 pounds, or 23.3 per cent, and \$1,889,831, or 32.3 per cent, in cost.

Of the several materials for which separate totals are shown, the largest increase, both actual and relative, was that for roots, which increased from 1909 to 1914 by 23,309,884 pounds, or 237.2 per cent, and by \$4,440,861, or over 1,000 per cent, in cost.

The following table gives the quantity and value of hard and soft soap and of glycerin and the value of the other products reported for the last three census years:

	1914	1909	1904
Products, total value.....	¹ \$27,526,199	² \$23,582,977	\$13,401,726
Hard soaps:			
Quantity, pounds.....	405,589,000	373,529,000	297,377,794
Tallow soap.....	213,060,000	252,672,000	
Olefin soap.....	9,629,000	1,138,000	
Foots soap.....	5,127,000	4,240,000	(³)
Toilet soap.....	23,699,000	15,229,000	
Powdered soap.....	81,463,000	58,899,000	
Soap chips.....	16,334,000		
All other hard soaps.....	56,277,000	41,351,000	
Value.....	\$19,217,716	\$18,094,061	\$12,440,255
Soft soap:			
Pounds.....	18,440,845	14,607,378	16,427,585
Value.....	\$242,371	\$171,702	\$114,107
Special soap articles, value.....	\$139,763	\$159,246	(³)
Glycerin:			
Crude—			
Pounds.....	1,515,963		
Value.....	\$202,286		
Refined—			
Pounds.....	8,906,960	8,955,960	3,432,515
Value.....	\$1,735,280	\$1,212,606	\$383,885
Perfumes and toilet preparations, value.....	\$1,655,848		
All other products, value.....	\$4,332,935	\$3,945,362	\$463,479

¹ In addition, 13,734,692 pounds, valued at \$756,547, of hard soaps; 571,171 pounds, valued at \$28,850, of soft soap; 546,640 pounds, valued at \$82,231, of glycerin; and special soap to the value of \$283,368, were made by establishments not engaged primarily in the manufacture of soap.

² In addition, soap (consisting mainly of 1,061,481 pounds of hard soap, of which 729,782 pounds was toilet soap) to the value of \$181,502, was made by establishments not engaged primarily in the manufacture of soap.

³ Figures not available.

The quantity of hard soap, which was 32,059,916 pounds, or 8.6 per cent, more in 1914 than in 1909, represented 19.6 per cent of the total reported for the soap industry of the United States in 1914, as compared with 21.5 per cent in 1909 and 21.9 per cent in 1904. Soft soap, the second largest product in quantity, increased from 1909 to 1914 by 3,833,467 pounds, or 26.2 per cent, as compared with a decrease from 1904 to 1909 of 1,820,207 pounds, or 11.1 per cent. Glycerin increased 16.4 per cent in quantity and 59.8 per cent in value.

Canning and preserving.—Canning and preserving, as a factory industry, assumed commercial prominence about 1850. New York was one of the first states in which it was developed, and its growth in that state has been continuous. Of the 987 establishments reported in 1914, 864 were engaged primarily in canning and preserving fruits and vegetables, 107 in the manufacture of pickles, preserves, and sauces, and 16 in canning and curing fish.

The quantity and value of the different products reported for 1914, 1909, and 1904 are shown in the following table:

The case, which is the unit of measure, consists of 24 standard size cans No. 2 (also called 2-pound cans) for beans, corn, peas, berries, cherries, and plums, and No. 3 (also called 3-pound cans) for all other fruits and vegetables. Where the output of fruits and vegetables has been reported in other units by the canneries, the quantities so reported have been reduced to standard cases.

	1914	1909	1904
Products, total value.....	¹ \$25,944,634	¹ \$19,039,735	² \$16,821,221
Canned vegetables:			
Cases.....	4,635,506	3,455,991	3,922,068
Value.....	\$8,843,589	\$6,271,904	\$6,836,451
Beans—			
Cases.....	875,072	569,176	551,081
Value.....	\$1,729,891	\$1,024,065	\$1,055,253
Corn—			
Cases.....	735,242	771,475	1,444,344
Value.....	\$1,202,963	\$1,197,999	\$2,272,682
Succotash—			
Cases.....	114,580	68,673	
Value.....	\$198,407	\$174,119	
Peas—			
Cases.....	1,899,922	1,438,059	1,509,629
Value.....	\$3,822,471	\$2,681,366	\$2,598,291
Pumpkin—			
Cases.....	84,292	103,127	45,063
Value.....	\$137,470	\$150,974	\$72,780
Tomatoes—			
Cases.....	551,067	347,714	184,894
Value.....	\$1,023,793	\$657,375	\$389,036
All other—			
Cases.....	375,331	157,767	187,057
Value.....	\$728,594	\$386,006	\$443,409
Canned fruits:			
Cases.....	1,406,508	900,870	585,264
Value.....	\$3,037,410	\$2,182,455	\$1,207,760
Apples—			
Cases.....	781,921	429,180	259,296
Value.....	\$1,230,258	\$753,231	\$354,817
Berries—			
Cases.....	243,511	214,134	150,730
Value.....	\$688,534	\$596,130	\$372,171
Cherries—			
Cases.....	202,575	90,445	46,160
Value.....	\$588,078	\$323,803	\$133,814
Peaches—			
Cases.....	7,589	41,727	10,060
Value.....	\$32,013	\$141,142	\$39,399
Pears—			
Cases.....	75,344	51,686	51,360
Value.....	\$292,059	\$216,858	\$172,944
Plums—			
Cases.....	68,600	52,853	41,195
Value.....	\$96,536	\$76,449	\$58,839
All other—			
Cases.....	26,968	20,845	26,514
Value.....	\$109,932	\$74,842	\$75,776
Dried fruits, value.....	\$2,106,617	\$2,346,875	\$1,346,040
Apples—			
Pounds.....	37,220,053	33,652,115	31,458,702
Value.....	\$1,886,675	\$2,333,137	\$1,331,895
All other, value.....	\$309,942	\$13,738	\$14,145
Fish, value.....	\$1,405,837	\$1,103,923	\$858,516
Smoked and dried—			
Pounds.....	7,218,761	4,180,092	4,623,080
Value.....	\$1,215,646	\$780,103	\$777,859
Herring—			
Pounds.....	1,391,906	335,800	466,000
Value.....	\$165,728	\$29,026	\$34,534
Salmon—			
Pounds.....	2,478,110	2,595,614	1,880,600
Value.....	\$442,243	\$486,910	\$319,620
Sturgeon—			
Pounds.....	430,150	498,237	1,523,500
Value.....	\$137,584	\$152,236	\$332,350
All other—			
Pounds.....	2,918,595	750,441	752,980
Value.....	\$470,091	\$111,881	\$91,355
Salted and pickled, value.....	\$190,191	\$323,820	\$80,657
Herring, value.....	\$185,052	\$94,681	\$37,767
All other, value.....	\$5,139	\$29,139	\$42,000
All other products, including pickles, preserves, and sauces and canned fish, value.....	\$10,461,181	\$7,134,578	\$6,572,454

¹ Does not include 249,210 cases of canned vegetables, valued at \$406,656; 69,441 cases of canned fruit, valued at \$230,929; dried fruits, valued at \$32,058; fish products, valued at \$345,376; and other products, valued at \$300, for 1914; and for 1909, canned vegetables, to the value of \$79,458; dried fruits, to the value of \$28,271; and salted fish, to the value of \$2,195, reported by establishments engaged primarily in industries other than canning and preserving.

² Excludes statistics for one establishment, to avoid disclosure of individual operations.

With the exception of dried fruits, each of the main groups of products shows a substantial gain from 1909 to 1914, both in quantity and value. The output of canned vegetables shows an increase of 1,179,515 cases, or 34.1 per cent, and \$2,571,685, or 41 per cent, in value. The most important single product in 1914 was canned peas, the value of which formed 14.7 per cent of the aggregate value of all products reported for the industry. With the exception of canned pumpkin, the value of each of the vegetable products shown separately increased from 1909 to 1914.

The output of canned fruits, the second largest product, increased 505,638 cases, or 56.1 per cent, in quantity, and \$854,955, or 39.2 per cent, in value from 1909 to 1914. Canned apples, the most important item in this group, increased 352,741 cases, or 82.2 per cent, in quantity, and \$477,027, or 63.3 per cent, in value. With the exception of canned peaches, all other items in this group show increases over 1909, in both quantity and value.

Dried apples increased 3,567,938 pounds, or 10.6 per cent, but decreased \$446,462, or 19.1 per cent, in value. The decline in the export trade of dried apples was the chief cause of the decline in value, because it lessened the demand. The dried apple product of the state in 1914 represented approximately two-thirds of the total output of the United States.

The quantity of smoked and dried fish increased during the five-year period 1909-1914, 3,038,669 pounds, or 72.7 per cent, and the value \$435,543, or 55.8 per cent. In addition to the fish products given in Table 66, herring, valued at nearly one-half of that shown, was canned by establishments primarily engaged in other business, and, therefore, classified under other industry designations.

New York ranked first among the states in 1914 in the output of dried apples and raspberries, canned apples, beans, and cherries, and smoked salmon.

Agricultural implements.—In value of agricultural implements manufactured in 1914, New York was exceeded by Illinois, Wisconsin, and Ohio. The following table gives the value of the different classes of implements manufactured in the factories of the state during 1914, 1909, and 1904.

	1914	1909	1904
Products, total value.....	\$14, 576, 694	\$14, 970, 980	\$13, 045, 891
Planters and seeders.....	463, 999	247, 357	1, 800, 182
Plows and cultivators.....	3, 176, 951	3, 348, 203	2, 545, 947
Harvesting implements:			
Hayrakes and hay tedders.....	456, 966	5, 950, 777	5, 841, 389
Mowers and reapers.....	5, 943, 306		
Other.....	143, 664		
Seed separators:			
Thrashers.....	413, 361	790, 494	461, 814
Other.....	78, 225		
All other agricultural implements, including parts.....	2, 909, 002	4, 634, 149	2, 396, 559
All other products, including repair work.....	991, 220		

The total value of agricultural implements made in 1914 was slightly less than in 1909, but \$1,530,803, or 11.7 per cent, more than in 1904. Harvesting implements was the most important group of products at each of the last three censuses, the value of such products representing 44.9 per cent of the total in 1914, 39.7 per cent in 1909, and 44.8 per cent in 1904. Harvesting implements and planters and seeders increased in value during the five-year period 1909-1914, while all the other groups decreased. During the decade, however, all groups increased with the exception of planters and seeders. "All other products," which amounted to \$991,220 in 1914, includes

engines, valued at \$116,867, and repair work, amounting to \$88,111.

Shipbuilding, including boat building.—This classification includes the building as well as the repairing of steel and wooden steam, sail, and unrigged vessels, yachts, motor boats, rowboats, and canoes, and the manufacture of masts, spars, oars, and rigging. The number and gross tonnage of the different classes of vessels launched in 1914, 1909, and 1904 are shown in the following table:

PRODUCT.	1914		1909		1904	
	Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.
Vessels of 5 gross tons and over launched during the year.....	220	49, 911	309	60, 152	361	104, 495
Steel.....	9	1, 722	16	7, 332	24	14, 068
Steam.....	8	1, 687	7	3, 963	16	8, 573
Motor.....	1	35	2	100	7	4, 695
Sail.....					1	800
Unrigged.....			7	3, 269		
Wooden.....	211	48, 189	293	52, 820	337	90, 427
Steam.....	11	1, 369	23	3, 565	36	5, 759
Motor.....	59	923	89	1, 849	64	706
Sail.....	5	38	2	19	27	451
Unrigged.....	136	45, 859	179	47, 337	210	83, 511
Power boats of less than 5 gross tons.....	377		790		453	

† Includes for 1914 and 1909 sailboats with auxiliary power.

The total gross tonnage of the vessels of 5 gross tons or over launched in 1904 was greater than in 1909 or in 1914. The average gross tonnage per vessel, however, in 1914 was greater than in 1909 but less than in 1904. The total number of all vessels launched decreased during each five-year period. The number of steel steam vessels and wooden sail vessels, however, increased from 1909 to 1914.

The number of power boats of less than 5 gross tons which increased 337, or 74.4 per cent, from 1904 to 1909, decreased 413, or 52.3 per cent, from 1909 to 1914. Of the 377 boats of this class launched in 1914, 3 were equipped with steam as motive power, 368 with gasoline, 1 with electricity, and 5 with other kinds of power.

The value of the work done upon vessels and boats of all kinds during 1914, 1909, and 1904 is shown in the following table:

	1914	1909	1904
Total value of work.....	\$14, 195, 298	\$11, 417, 189	\$11, 265, 303
Work done during the year on new vessels and boats.....	3, 236, 986	3, 977, 984	4, 181, 772
Vessels of 5 gross tons and over.....	2, 553, 316	3, 294, 121	3, 607, 085
Boats of less than 5 gross tons.....	683, 670	683, 813	574, 687
Power boats, all kinds.....	383, 557	424, 270	378, 635
Sailboats, rowboats, scows, etc.....	300, 113	259, 543	196, 052
Repair work.....	10, 081, 332	6, 931, 117	6, 726, 959
All other.....	876, 980	508, 138	356, 572

The statistics presented in the two preceding tables do not include those for the United States navy yard in Brooklyn, which launched two steel unrigged ves-

sels having a total displacement of 840 tons, and did work upon two war vessels of 58,400 tons displacement, 8 power boats and 40 other small craft, the whole, including various repair work and work done at Tompkinsville, aggregating \$8,093,778.

Gloves and mittens, leather.—More than half of the leather gloves, mittens, and gauntlets manufactured in the United States in 1914 were made in New York, the center of the glove industry being Gloversville and Johnstown in Fulton County. Glove and mitten factories located in this county reported 80.5 per cent of the number and 88.1 per cent of the value of such products manufactured in the state during 1914.

The following table shows the number of pairs and the value of the different kinds of leather gloves, mittens, and gauntlets reported by the New York factories in 1914, 1909, and 1904:

	1914	1909	1904
Products, total value.....	\$12,845,284	\$14,336,365	\$9,946,443
Gloves, mittens, and gauntlets:			
Dozen pairs.....	1,578,840	1,850,438	1,881,194
Value.....	\$12,493,261	\$14,122,640	\$9,794,075
Men's—			
Dozen pairs.....	1,036,520	1,279,560	1,563,366
Value.....	\$8,291,351	\$9,568,409	\$7,810,971
Unlined—			
Dozen pairs.....	732,447	814,743	889,252
Value.....	\$6,082,764	\$6,699,858	\$4,348,452
Lined—			
Dozen pairs.....	304,073	464,817	674,114
Value.....	\$2,208,587	\$2,868,551	\$3,462,519
Women's and children's—			
Dozen pairs.....	408,395	430,452	317,823
Value.....	\$3,728,389	\$4,032,041	\$1,983,104
Unlined—			
Dozen pairs.....	309,021	287,941	145,545
Value.....	\$2,968,622	\$3,092,977	\$1,156,212
Lined—			
Dozen pairs.....	99,374	142,511	172,283
Value.....	\$759,767	\$939,064	\$826,892
Boys'—			
Dozen pairs.....	133,925	140,426	(¹)
Value.....	\$473,521	\$522,190	(¹)
Unlined—			
Dozen pairs.....	23,119	39,076	(¹)
Value.....	\$84,105	\$148,437	(¹)
Lined—			
Dozen pairs.....	110,806	101,350	(¹)
Value.....	\$389,416	\$373,753	(¹)
All other products, value.....	\$352,023	\$213,725	\$152,368

¹ Not reported separately.

There has been a decided decrease since 1909 in both the quantity and value of gloves, mittens, and gauntlets, this decrease being reflected in each of the three main groups presented separately in the above table.

Table 71 gives, for 1914, a more detailed classification, showing for each class presented separately in Table 70 the total value of the output and the number of pairs made from the different kinds of leather.

Lambskins and sheepskins were used as material for nearly three-fourths of the leather gloves, mittens, and gauntlets manufactured in 1914. In 1909, 3.6 per cent were of kid, but there was a decline in the use of this material, only nine-tenths of 1 per cent being reported at the census of 1914. Of the dress gloves, 76 per cent were sheepskin, 1.3 per cent "real" kid, 19.6 per cent mocha, and 3.1 per cent other kinds of leather. Of the working gloves, mittens, etc., 65.9

per cent were made from sheepskin, 14.3 per cent from horse or cattle hide and calfskin, 7.8 per cent from deer or elk skin, and 12 per cent from other kinds of leather.

Table 71

KIND.	Total.	Men's.			Women's and children's.	
		Unlined.	Lined.	Part leather and part fabric.	Unlined.	Lined.
Dress gloves, street gloves, mittens, and gauntlets:						
Dozen pairs.....	1,031,016	456,445	166,176		309,021	101,374
Value.....	\$9,928,409	\$4,688,228	\$1,511,792		\$2,968,622	\$759,767
Domestic lamb or sheep skin, dozen pairs.....	272,557	76,438	114,932		27,848	53,139
Imported lamb or sheep skin, dozen pairs.....	510,920	249,951	33,162		200,062	27,744
Mocha, dozen pairs.....	201,639	100,799	16,458		67,550	10,812
Goat or "real" kid, dozen pairs.....	13,880	5,611	387		6,512	1,500
All other, dozen pairs.....	32,020	23,646	1,237		7,019	118
Working gloves, mittens, and gauntlets: ¹						
Dozen pairs.....	547,824	264,424	248,703	34,697		
Value.....	\$2,564,852	\$1,352,870	\$1,086,211	\$125,771		
Sheepskin, dozen pairs.....	361,090	155,383	174,100	31,607		
Horsehide, cattle hide, or calfskin, dozen pairs.....	78,355	45,935	32,420	(²)		
Deer or elk skin, dozen pairs.....	42,670	35,383	7,287			
All other, dozen pairs.....	65,709	27,723	34,896	3,090		

¹ Men's and boys'.

² Included in "all other."

Carriages and wagons and materials.—The number and value of the different kinds of horse-drawn vehicles manufactured during the census years 1914, 1909, and 1904 are shown in the following table:

	1914	1909	1904
Products, total value.....	\$8,759,119	\$13,292,531	\$14,613,519
Carriages (pleasure):			
Number.....	15,220	25,474	42,249
Value.....	\$1,232,594	\$2,344,487	\$4,550,682
Wagons (business, farm, etc.):			
Number.....	19,656	21,937	19,879
Value.....	\$1,963,171	\$2,932,313	\$2,448,676
Public conveyances:			
Number.....	42	219	712
Value.....	\$11,094	\$187,936	\$518,469
Sleighs and sleds:			
Number.....	6,801	10,823	19,433
Value.....	\$216,220	\$349,643	\$562,766
All other products, including parts and amount received for repair work.....	\$5,386,070	\$7,477,652	\$6,532,719

The extraordinary development of the automobile industry during the last five years has reacted upon the manufacture of horse-drawn vehicles and resulted in a material decrease, especially in the output of pleasure vehicles. The value of all conveyances in 1914 was \$8,759,119, a decrease of 34.1 per cent since 1909. The value of carriages and wagons combined formed 36.5 per cent of the total value of products reported for the industry in 1914. The output of pleasure carriages decreased 10,256, or 40.3 per cent, in number, and \$1,111,923, or 47.4 per cent, in value. The largest relative decrease in number was 80.8 per

cent for public conveyances. Sleights and sleds decreased 37.2 per cent in number and 38.2 per cent in value. Business and farm vehicles were the most important of the different classes of products reported for 1914.

Laundries.—Statistics for power laundries are not included in the general tables or in the totals for all manufacturing industries. Table 73, however, summarizes these statistics for New York for 1914 and 1909.

	Number or amount.		Per cent of increase, 1909-1914.
	1914	1909	
Number of establishments.....	614	508	20.9
Persons engaged in the industry.....	15,489	14,063	10.1
Proprietors and firm members.....	638	523	22.0
Salaried employees.....	1,100	962	14.3
Wage earners (average number).....	13,751	12,578	9.3
Primary horsepower.....	19,288	12,637	52.6
Capital.....	\$10,354,297	\$7,316,808	41.5
Salaries and wages.....	7,197,959	6,081,311	18.4
Salaries.....	1,135,887	889,133	30.7
Wages.....	6,062,072	5,212,128	16.3
Paid for contract work.....	14,506	9,457	53.4
Rent and taxes.....	475,968	373,033	27.6
Cost of materials.....	2,821,811	1,856,703	52.0
Amount received for work done.....	14,304,964	11,446,683	25.0

In both 1914 and 1909 New York ranked first among the states in the amount received for work done and in number of persons engaged in the industry. The foregoing summary shows increases for all items, that for amount received for work done being \$2,858,301, or 25 per cent. There were 345 establishments owned by individuals and 138 owned by corporations in 1914, which reported 25.6 per cent and 60.6 per cent, respectively, of the amount received for all work done.

Table 74 shows, for 1914 and 1909, the number of wage earners employed in the laundries on the 15th of each month, or the nearest representative day, and the percentage which this number represents of the greatest number employed in any month of the same year.

Table 75 gives statistics as to the kind and amount of power used in the laundries of the state in 1914 and 1909, together with percentages of increase for the five-year period.

MONTH.	WAGE EARNERS.			
	Number.		Per cent of maximum.	
	1914	1909	1914	1909
January.....	13,784	12,129	98.0	93.0
February.....	13,561	12,160	96.4	93.2
March.....	13,635	12,107	96.9	92.8
April.....	13,756	12,155	97.8	93.2
May.....	13,865	12,312	98.6	94.4
June.....	14,064	12,702	100.0	97.4
July.....	13,974	13,010	99.4	99.7
August.....	13,891	13,046	98.8	100.0
September.....	13,779	12,899	98.0	98.9
October.....	13,729	12,782	97.6	98.0
November.....	13,554	12,735	96.4	97.6
December.....	13,424	12,897	95.4	98.9

KIND.	NUMBER OF ENGINES OR MOTORS.		HORSEPOWER.				Per cent of increase, 1909-1914.
	1914	1909	Amount.		Per cent distribution.		
			1914	1909	1914	1909	
Primary power, total.....	1,192	646	19,288	12,637	100.0	100.0	52.6
Owned.....	432	386	13,981	10,208	72.5	80.8	37.0
Steam engines and turbines.....	358	321	13,181	9,614	68.3	76.1	37.1
Internal combustion engines.....	64	59	614	528	3.2	4.2	16.3
Water wheels, turbines, and motors.....	10	6	186	66	1.0	0.5	181.8
Rented.....	760	260	5,307	2,429	27.5	19.2	118.5
Electric.....	760	260	3,194	1,437	16.6	11.4	122.3
Other.....	.....	.....	2,113	992	10.9	7.8	113.0
Electric.....	1,311	260	4,897	1,437	100.0	100.0	240.8
Rented.....	760	260	3,194	1,437	65.2	100.0	122.3
Generated by establishments reporting.....	551	.....	1,703	.....	34.8	.....	.....

Table 76 shows the kind and quantity of fuel used in the laundries as reported at the censuses of 1914 and 1909, with the percentages of increase.

KIND.	Unit.	QUANTITY.		Per cent of increase, ¹ 1909-1914.
		1914	1909	
Anthracite coal.....	Tons, 2,240 lbs.....	80,732	63,770	26.6
Bituminous coal.....	Tons, 2,000 lbs.....	55,150	29,547	86.7
Coke.....	Tons, 2,000 lbs.....	1,363	2,842	-52.0
Oil.....	Barrels.....	538	618	-12.9
Gas (excluding blast furnace gas).....	1,000 cubic feet.....	87,448	106,760	-18.1

¹ A minus sign (-) denotes decrease.

MANUFACTURES.

GENERAL TABLES.

Table 77 gives, for 1914, 1909, and 1904, the number of establishments, the average number of wage earners, primary horsepower, wages paid, cost of materials, and value of products for selected industries in the state and in cities having 50,000 population or more; and for the cities having from 10,000 to 50,000 inhabitants, with the exception of Lackawanna, similar data for

all industries combined. Table 78 presents, for 1914, in the state as a whole and in cities with 50,000 inhabitants or more, statistics in detail for each industry that can be shown without a disclosure of individual operations, and for the cities having from 10,000 to 50,000 inhabitants, for all industries combined.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.	INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Wages.	Cost of materials.	Value of products.
					Expressed in thousands.								Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1914	48,208	1,057,857	2,356,655	\$631,042	\$2,108,607	\$3,814,661	Brick, tile, pottery, and other clay products.	1914	³ 189	7,494	27,749	\$3,992	\$3,103	\$8,290
	1909	44,935	1,003,981	1,997,662	557,231	1,856,904	3,369,490		1909	244	10,447	32,773	5,254	2,592	11,536
	1904	37,194	856,947	1,516,592	430,015	1,348,603	2,488,346		1904	235	9,432	23,302	4,494	2,240	10,719
Agricultural implements	1914	50	5,392	11,774	3,428	7,073	14,577	Brooms.....	1914	60	1,078	752	463	1,263	2,301
	1909	57	5,717	10,744	3,270	6,415	14,976		1909	58	1,040	581	452	1,257	2,214
	1904	75	6,279	12,019	3,241	5,678	13,041		⁴ 1904						
Artificial flowers and feathers and plumes.	1914	369	7,715	450	3,367	8,158	16,456	Brushes.....	1914	107	1,568	1,243	772	1,840	3,835
	1909	319	8,493	215	3,452	12,258	21,162		1909	113	1,857	1,049	873	1,923	4,076
	1904	149	3,325	106	1,102	1,463	3,997		⁴ 1904						
Artificial stone products.	1914	180	757	1,315	501	633	1,754	Butter, cheese, and condensed milk.	1914	1,144	3,235	15,389	2,029	36,970	43,262
	1909	176	711	1,122	390	523	1,357		1909	1,552	2,866	16,429	1,607	36,161	42,458
	1904	26	582	688	364	282	930		1904	1,766	2,868	14,322	1,485	26,793	31,048
Automobiles, including bodies and parts.	1914	247	12,122	17,938	8,988	21,976	42,115	Buttons.....	1914	224	5,223	4,449	2,251	3,224	7,821
	1909	113	9,861	9,398	7,016	14,908	30,980		1909	165	6,126	3,911	2,462	4,168	9,373
	1904	35	1,849	1,254	1,227	1,907	4,260		1904	61	3,237	1,571	1,068	1,483	3,849
Awnings, tents, and sails.	1914	209	995	401	652	1,554	3,121	Candles.....	1914	10	357	240	163	932	1,400
	1909	132	708	410	437	1,114	2,220		1909	9	347	147	130	1,009	1,670
	1904	84	546	179	287	557	1,249		1904	8	340	171	128	933	1,332
Babbitt metal and solder.	1914	26	225	256	163	4,348	5,329	Canning and preserving.	1914	⁵ 987	8,757	16,630	3,801	15,957	25,045
	1909	24	192	191	149	5,071	6,123		1909	790	7,075	12,489	2,563	11,669	19,010
	1904	15	128	84	86	4,307	4,966		1904	² 666	7,796	9,741	2,409	9,826	16,821
Bags, other than paper.	1914	30	1,362	871	556	7,608	8,962	Carpets and rugs, other than rag.	1914	14	12,540	16,997	5,667	15,778	26,076
	1909	21	1,000	751	330	4,116	4,986		1909	16	11,898	11,901	5,870	13,315	25,006
	1904	17	722	416	230	3,012	3,648		1904	12	11,077	10,151	4,567	11,333	19,404
Bags, paper, not including bags made in paper mills.	1914	17	1,271	870	656	5,111	6,754	Carriages and sleds, children's.	1914	30	458	576	265	403	937
	1909	20	1,032	1,046	426	3,933	5,613		1909	16	281	455	144	316	582
	1904	12	535	369	215	1,792	2,858		1904	16	249	280	116	183	452
Baskets, and rattan and willow ware.	1914	158	1,064	1,550	523	1,132	2,164	Carriages and wagons and materials.	1914	604	3,911	8,530	2,711	3,577	8,759
	1909	169	1,237	1,882	583	820	1,947		1909	610	6,116	10,029	3,740	5,800	13,293
	1904	194	1,569	1,967	587	651	1,949		1904	635	7,891	8,524	4,406	6,201	14,644
Belting and hose, woven and rubber.	1914	9	757	3,982	423	2,004	3,342	Cars and general shop construction and repairs by electric-railroad companies.	1914	61	4,921	10,584	3,468	4,066	8,204
	1909	5	317	1,647	138	876	1,284		1909	62	4,480	4,367	2,832	3,180	6,610
	1904								1904	14	3,710	1,170	2,261	1,298	3,880
Belting, leather.....	1914	35	546	3,312	337	3,140	4,892	Cars and general shop construction and repairs by steam-railroad companies.	1914	107	20,234	30,825	14,367	14,334	30,803
	1909	28	604	1,988	395	4,101	6,420		1909	69	16,454	21,423	9,802	10,088	21,728
	1904	25	759	908	424	3,764	5,749		1904	65	14,172	8,216	7,997	8,778	17,880
Blackening and cleansing and polishing preparations.	1914	98	784	713	367	2,124	4,774	Cars, steam-railroad, not including operations of railroad companies.	1914	4	2,595	4,784	2,072	6,372	9,067
	1909	88	658	539	297	1,827	3,836		1909	4	2,387	3,345	1,577	3,428	5,940
	1904	65	553	565	214	1,418	2,719		1904	4	1,602	2,470	984	2,755	4,251
Boots and shoes, including cut stock and findings.	1914	309	27,561	15,795	15,712	43,049	71,413	Cement.....	1914	12	2,283	33,363	1,610	3,507	6,840
	1909	296	21,627	10,456	10,669	28,975	48,186		1909	15	1,443	24,385	810	800	2,409
	1904	259	17,418	6,571	7,873	22,400	37,521		1904	26	2,219	22,689	1,133	1,014	3,136
Boxes, cigar.....	1914	41	1,226	840	567	878	1,782	Chemicals.....	1914	70	7,780	131,928	5,380	26,252	42,877
	1909	56	1,531	1,180	659	1,126	2,234		1909	74	5,746	116,197	3,376	19,709	35,346
	1904	57	1,811	1,377	754	1,107	2,344		1904	63	4,967	66,649	2,678	12,958	23,022
Boxes, fancy and paper.	1914	331	14,192	8,604	5,750	9,648	21,692	Chocolate and cocoa products.	1914	13	810	4,482	380	5,368	7,412
	1909	315	11,538	4,677	4,261	6,113	14,234		1909	10	755	2,930	294	4,167	5,823
	1904	260	10,711	3,573	3,584	5,562	12,748		1904	10	773	1,727	259	2,673	4,077
Brass, bronze, and copper products.	1914	228	6,627	13,667	4,051	15,215	23,965	Clocks and watches, including cases and materials.	1914	32	2,236	1,715	1,250	2,229	5,401
	1909	247	6,651	13,397	3,951	13,139	22,184		1909	27	2,467	1,311	1,385	2,281	6,184
	1904	² 184	3,882	3,694	2,088	3,868	8,045		1904	24	2,164	1,168	1,038	2,235	4,121
Bread and other bakery products.	1914	4,249	27,002	18,713	17,641	59,635	109,228	Cloth, sponging and re-finishings.	1914	23	467	272	368	38	874
	1909	3,978	21,357	10,319	13,881	52,738	86,233		1909	25	604	329	417	60	1,030
	1904	3,164	17,708	6,265	10,172	36,389	61,034		1904	32	531	169	359	26	749

¹ Figures can not be shown without disclosing individual operations.

² Excludes statistics for one establishment, to avoid disclosure of individual operations.

³ Includes "sand-lime brick."

⁴ Figures not available.

⁵ Includes "canning and preserving, fish;" "canning and preserving, fruits and vegetables;" and "pickles, preserves, and sauces."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
Clothing, men's, including shirts.	1914	2,627	81,370	16,021	\$41,666	\$117,131	\$238,627	Fancy articles, not elsewhere specified.	1914	278	3,576	1,967	\$1,701	\$4,556	\$9,046
	1909	2,983	91,363	13,821	48,073	135,327	266,075		1909	182	3,430	2,735	1,644	3,321	7,862
	1904	2,402	64,652	7,826	29,723	94,861	187,409		1904	145	2,855	1,048	1,176	2,080	5,085
Clothing, women's.	1914	3,835	108,393	16,523	64,128	183,680	345,316	Fertilizers.	1914	9	466	2,055	252	1,669	2,477
	1909	3,083	98,104	12,379	54,841	148,142	272,518		1909	15	908	2,799	542	2,655	4,251
	1904	2,216	74,300	6,567	35,750	91,705	173,548		1904	13	596	1,537	254	1,334	2,082
Coffee and spice, roasting and grinding.	1914	136	1,690	5,207	947	25,561	31,675	Firearms and ammunition.	1914	10	2,357	3,258	1,696	1,195	3,200
	1909	90	1,519	4,064	726	12,654	17,430		1909	8	1,781	2,312	1,162	508	2,374
	1904	83	1,642	4,398	831	22,711	26,995		1904	7	1,425	1,665	804	329	1,727
Coffins, burial cases, and undertaker's goods.	1914	31	1,071	2,031	638	2,149	3,714	Fire extinguishers, chemical.	1914	9	162	129	140	405	948
	1909	34	1,235	1,813	665	2,071	3,785		1909	9	58	51	37	103	269
	1904	29	1,323	1,729	691	1,885	3,677		1904	12	41	42	22	61	176
Confectionery.	1914	349	10,768	13,201	4,426	20,066	34,070	Flags, banners, regalia, society badges, and emblems.	1914	66	744	194	367	892	2,037
	1909	249	8,570	7,966	3,079	15,644	25,540		1909	64	813	286	354	892	1,864
	1904	199	7,168	5,031	2,495	10,563	18,237		1904	54	427	97	152	480	964
Cooperage and wooden goods, not elsewhere specified.	1914	356	2,326	3,959	1,385	4,791	7,350	Flavoring extracts.	1914	119	311	223	148	1,422	2,352
	1909	364	2,611	4,278	1,222	4,930	7,526		1909	107	256	122	128	908	1,764
	1904	343	3,229	5,186	1,520	4,814	7,499		1904	103	393	167	166	867	1,928
Copper, tin, and sheet-iron products.	1914	1,791	16,040	14,868	9,801	24,373	44,822	Flour-mill and gristmill products.	1914	891	3,070	72,269	1,997	67,423	77,409
	1909	686	14,659	13,108	8,384	21,035	38,452		1909	983	2,990	79,098	1,669	60,470	69,802
	1904	495	13,142	6,799	6,724	13,609	27,314		1904	825	3,063	68,021	1,553	47,372	54,546
Cordage and twine and linen goods.	1914	17	5,505	15,645	2,384	10,451	14,985	Food preparations, not elsewhere specified.	1914	287	4,031	9,204	2,132	20,451	32,166
	1909	16	5,952	15,056	2,164	7,589	12,215		1909	177	3,023	6,061	1,332	9,660	17,324
	1904	20	6,742	16,060	2,417	10,608	15,866		1904	156	2,619	4,153	881	6,664	14,408
Cordials and flavoring syrups.	1914	40	433	437	211	1,916	2,871	Foundry and machine-shop products.	1914	3,093	66,690	121,554	47,032	68,562	173,490
	1909	38	294	453	151	1,490	2,513		1909	1,872	64,066	102,437	40,602	61,621	154,370
	1904	20	179	413	67	684	1,105		1904	1,633	60,550	73,695	35,309	49,430	127,915
Cork, cutting.	1914	30	1,014	863	409	1,385	2,258	Fur goods.	1914	877	5,904	1,345	4,343	16,822	30,312
	1909	32	835	692	313	1,170	1,817		1909	863	8,244	1,102	5,704	24,140	41,301
	1904	19	496	173	135	350	670		1904	603	5,804	1,105	3,480	15,239	26,244
Corsets.	1914	60	2,879	769	1,215	2,919	6,394	Furnishing goods, men's.	1914	3,446	17,495	4,756	8,091	22,890	45,386
	1909	47	2,436	523	1,008	2,484	5,161		1909	375	18,186	3,284	7,756	21,576	42,197
	1904	35	1,124	214	378	617	1,675		1904	272	16,626	2,739	5,752	14,669	29,337
Cotton goods, including cotton small wares.	1914	2,511	9,127	38,922	4,240	11,653	18,465	Furniture and refrigerators.	1914	758	22,153	32,902	13,711	22,089	49,849
	1909	47	10,663	33,354	4,166	11,728	20,352		1909	676	20,281	28,260	11,669	19,156	41,929
	1904	33	8,800	28,812	3,071	8,645	13,434		1904	537	16,750	21,127	8,780	12,367	29,326
Cutlery and tools, not elsewhere specified.	1914	150	4,857	9,028	2,839	2,606	7,505	Furs, dressed.	1914	52	974	1,234	596	604	1,945
	1909	161	4,478	6,571	2,434	1,853	6,218		1909	52	755	1,172	517	272	1,240
	1904	161	3,506	6,642	1,784	1,255	4,579		1904	49	738	651	517	383	1,400
Dairymen's, poultrymen's and apiarists' supplies.	1914	33	2,046	4,451	1,279	3,297	6,760	Gas and electric fixtures and lamps and reflectors.	1914	183	4,501	3,490	2,833	5,138	11,247
	1909	31	802	1,214	449	1,285	4,213		1909	183	6,017	3,831	3,456	5,412	13,010
	1904	31	915	1,115	429	1,272	2,510		1904	142	4,075	2,439	2,157	3,615	8,961
Dental goods.	1914	40	866	1,088	564	5,200	7,143	Gas, illuminating and heating.	1914	131	10,090	44,637	5,927	21,560	52,816
	1909	15	266	221	147	4,577	5,114		1909	141	6,422	30,089	4,364	15,018	42,347
	1904	21	767	609	450	2,721	3,649		1904	100	7,029	15,997	4,636	10,940	35,315
Drug grinding.	1914	11	369	944	154	799	1,355	Glass.	1914	22	3,089	2,415	2,158	1,685	5,157
	1909	9	336	927	143	447	884		1909	24	3,114	1,774	1,806	1,159	4,509
	1904	8	79	447	43	232	387		1904	28	3,153	1,604	1,825	1,412	4,280
Dyeing and finishing textiles.	1914	99	5,514	13,497	2,925	10,452	16,303	Glass, cutting, staining, and ornamenting.	1914	182	2,148	1,259	1,325	1,648	4,362
	1909	81	5,252	8,750	2,321	4,139	9,673		1909	156	3,118	957	1,841	1,669	4,847
	1904	55	3,586	7,128	1,578	1,339	4,362		1904	136	2,912	863	1,638	1,318	4,253
Dyestuffs and extracts.	1914	23	647	3,576	450	3,885	6,226	Gloves and mittens, leather.	1914	216	6,026	1,098	2,697	7,080	12,845
	1909	18	418	3,647	260	2,867	4,505		1909	225	6,287	1,003	2,841	8,023	14,336
	1904	9	519	2,353	317	1,652	2,706		1904	194	5,613	770	2,131	5,696	9,946
Electrical machinery, apparatus, and supplies.	1914	215	23,738	71,453	16,187	38,025	73,945	Glue, not elsewhere specified.	1914	9	381	2,082	249	1,942	2,483
	1909	217	18,972	53,813	12,479	27,483	49,290		1909	11	501	2,915	242	1,386	2,995
	1904	175	16,301	33,059	9,287	17,846	35,348		1904	8	402	990	206	960	1,532
Electroplating.	1914	129	600	989	400	196	1,068	Gold and silver, leaf and foil.	1914	38	245	77	125	440	704
	1909	130	652	842	421	242	1,116		1909	41	437	81	235	512	919
	1904	106	717	697	409	364	1,185		1904	47	536	81	267	582	1,100
Emery and other abrasive wheels.	1914	11	992	488	596	1,388	3,189	Gold and silver, reducing and refining, not from the ore.	1914	13	39	160	36	2,164	2,760
	1909	10	719	960	355	1,080	2,561		1909	10	42	97	34	2,396	2,603
	1904	3	28	148	8	20	74		1904	5	34	81	27	3,689	3,776
Engraving and diesinking.	1914	191	433	314	328	153	982	Grease and tallow, not including lubricating greases.	1914	41	1,027	4,076	812	3,821	5,518
	1909	83	362	194	242	84	683		1909	43	803	2,357	462	2,110	3,542
	1904	122	528	338	349	115	836		1904	46	794	2,548	469	2,760	4,158

¹ Includes "stamped and enameled ware, not elsewhere specified," and "tinware, not elsewhere specified."

² Includes "cotton lace."

³ Includes "combs and hairpins, not made from metal or rubber," and "ivory, shell, and bone work, not including combs and hairpins."

⁴ Excludes statistics for one establishment, to avoid disclosure of individual operations.

⁵ Includes "automobile repairing," "bells," "engines, steam, gas, and water;" "gas machines and gas and water meters;" "hardware;" "hardware, saddlery;" "iron and steel, cast-iron pipe;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings, and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."

⁶ Includes "collars and cuffs, men's" and "suspenders, garters, and elastic woven goods."

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.			INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.		
					Wages.	Cost of mate- rials.	Value of prod- ucts.						Wages.	Cost of mate- rials.	Value of prod- ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Hair work.....	1914	90	635	27	\$296	\$1,033	\$2,023	Leather, tanned, cur- ried and finished.	1914	98	5,360	20,039	\$2,955	\$27,912	\$36,018
	1909	132	2,313	4	1,061	4,500	7,861		1909	109	5,688	14,265	2,912	20,941	27,642
	1904	43	385	52	165	466	1,012		1904	118	5,444	13,231	2,485	16,275	21,643
Hand stamps and stencils and brands.	1914	68	326	168	218	252	330	Lime.....	1914	23	310	720	149	189	503
	1909	63	369	113	218	211	717		1909	33	465	781	236	176	580
	1904	65	330	78	167	124	554		1904	28	503	676	232	216	630
Hat and cap materials.	1914	57	913	986	451	2,652	3,715	Liquors, malt.....	1914	153	9,826	65,362	8,742	24,495	85,673
	1909	32	965	713	424	2,775	3,835		1909	184	8,731	49,729	7,294	18,833	77,720
	1904	31	1,192	544	430	2,325	3,382		1904	209	7,977	44,078	6,304	15,845	61,958
Hats and caps, other than felt, straw, and wool.	1914	293	4,187	720	2,643	5,423	10,946	Liquors, vinous.....	1914	42	250	433	127	778	1,695
	1909	244	3,348	413	2,004	3,875	7,826		1909	41	271	712	128	781	1,817
	1904	209	3,522	279	1,859	3,303	6,886		1904	59	390	668	170	927	2,240
Hats, fur-felt.....	1914	39	3,563	2,388	1,854	3,491	6,637	Looking-glass and picture frames.	1914	157	1,152	714	682	1,143	2,779
	1909	44	5,013	1,451	2,725	5,406	10,219		1909	140	1,491	866	885	1,463	3,555
	1904	43	4,397	3,487	2,309	3,478	7,740		1904	125	1,510	999	809	946	2,773
Hats, straw.....	1914	76	3,158	1,111	1,857	5,890	10,182	Lubricating greases.....	1914	17	74	262	41	518	803
	1909	46	2,508	835	1,473	3,993	7,617		1909	11	70	227	36	359	565
	1904	21	1,342	629	614	1,959	2,625		1904	6	45	84	18	112	319
Hosiery and knit goods.	1914	483	40,095	41,127	17,814	43,860	78,229	Lumber and timber products.	1914	¹ 1,776	21,503	115,003	12,832	32,930	59,748
	1909	360	35,950	35,882	14,839	38,677	67,130		1909	2,263	27,471	131,462	15,101	41,705	72,530
	1904	271	29,365	25,310	10,160	28,210	46,320		1904	1,599	26,013	101,614	13,221	32,461	61,677
House-furnishing goods, not elsewhere specified.	1914	143	2,753	2,617	1,344	8,058	10,908	Malt.....	1914	25	533	7,403	503	10,386	12,381
	1909	99	1,812	2,983	786	5,690	7,789		1909	32	524	5,659	401	8,872	11,051
	1904	73	1,853	1,927	747	4,496	6,375		1904	43	540	4,235	370	5,372	7,037
Ice, manufactured.....	1914	111	1,407	37,746	1,176	1,667	4,897	Marble and stone work.	1914	551	4,798	15,403	4,141	5,029	13,324
	1909	89	1,124	21,375	835	1,044	3,808		1909	655	6,939	18,110	5,036	7,072	17,921
	1904	58	603	15,958	424	577	1,749		1904	³ 324	7,159	10,748	6,099	5,742	16,279
Ink, printing.....	1914	26	489	3,003	404	2,645	6,170	Mattresses and spring beds.	1914	196	1,996	1,825	1,192	3,851	6,407
	1909	29	525	2,301	370	1,878	4,059		1909	168	1,621	1,581	922	3,461	5,899
	1904	26	283	1,088	184	1,103	2,320		1904	136	1,408	1,276	733	2,810	4,583
Ink, writing.....	1914	13	164	174	89	366	892	Millinery and lace goods.	1914	1,308	26,124	6,756	12,890	37,255	72,329
	1909	9	147	58	62	284	745		1909	931	21,078	3,511	9,266	27,135	62,106
	1904	9	128	56	53	215	567		1904	507	16,258	2,042	6,268	16,893	32,844
Instruments, professional and scientific.	1914	88	2,243	1,681	1,457	1,640	5,368	Mineral and soda waters	1914	612	2,597	3,037	1,609	3,920	9,039
	1909	87	1,964	1,899	1,146	975	3,308		1909	594	2,462	2,820	1,453	2,652	7,441
	1904	75	1,222	660	630	493	2,042		1904	490	2,350	2,295	1,263	1,708	5,671
Iron and steel, blast furnaces.	1914	8	1,832	97,749	1,325	16,287	18,486	Minerals and earths, ground.	1914	23	411	6,259	259	437	1,075
	1909	9	2,298	95,416	1,758	20,917	26,621		1909	18	260	5,815	110	246	738
	1904	9	1,559	39,080	1,161	6,974	8,635		1904	15	399	3,366	175	337	1,081
Iron and steel, steel works and rolling mills.	1914	24	10,788	149,462	7,664	18,217	32,078	Mirrors, framed and unframed.	1914	55	1,012	1,189	634	1,840	3,167
	1909	25	10,091	136,456	6,323	25,889	39,532		1909	47	983	1,145	630	1,999	3,262
	1904	20	7,526	69,430	4,393	13,260	21,227		1904	40	887	717	472	1,882	2,892
Iron and steel, doors and shutters.	1914	15	906	1,302	635	675	1,857	Models and patterns, not including paper patterns.	1914	140	1,193	1,152	753	924	3,073
	1909	11	847	929	438	500	1,352		1909	136	1,082	910	736	620	2,461
	1904	11	221	177	153	243	597		1904	98	661	581	395	322	1,201
Iron and steel forgings.	1914	24	1,464	6,253	1,087	1,280	3,571	Motorcycles, bicycles, and parts.	1914	16	653	991	454	840	1,650
	1909	22	1,006	4,169	673	1,018	2,561		1909	20	558	406	345	522	1,165
	1904	18	804	2,297	492	555	1,608		1904	32	410	612	206	347	759
Jewelry.....	1914	566	5,051	2,146	3,872	11,102	21,810	Mucilage and paste.....	1914	26	300	759	160	1,044	1,874
	1909	479	5,379	1,596	3,820	10,433	20,363		1909	21	197	646	112	747	1,334
	1904	294	4,075	978	2,606	6,121	12,357		1904	17	106	402	56	251	461
Jewelry and instrument cases.	1914	74	1,215	624	568	689	1,934	Musical instruments and materials, not specified.	1914	61	227	192	136	185	636
	1909	67	1,172	214	519	678	1,781		1909	52	272	176	154	211	570
	1904	58	1,140	172	413	553	1,432		1904	56	468	430	251	303	888
Labels and tags.....	1914	35	649	501	398	801	1,967	Musical instruments, pianos and organs and materials.	1914	160	12,602	11,527	7,976	15,756	33,072
	1909	25	593	237	311	530	1,392		1909	184	11,938	10,905	7,752	17,495	33,680
	1904	24	384	165	199	212	747		1904	160	9,614	6,569	5,925	10,950	23,390
Lapidary work.....	1914	45	462	452	550	3,502	4,704	Oil, linseed.....	1914	6	538	5,147	378	14,121	16,687
	1909	43	499	592	791	6,319	8,660		1909	6	566	4,845	338	12,628	15,392
	1904	27	441	500	610	6,097	7,380		1904	6	514	3,888	273	8,168	9,907
Lasts.....	1914	15	403	1,302	302	288	980	Oil, not elsewhere specified.	1914	37	180	693	106	1,942	2,665
	1909	14	360	610	243	253	787		1909	31	137	338	105	1,851	2,983
	1904	15	265	494	143	89	393		1904	37	193	509	139	1,996	2,720
Lead, bar, pipe, and sheet.	1914	6	174	593	131	1,031	1,301	Optical goods.....	1914	70	2,988	2,880	1,824	1,712	5,662
	1909	9	185	1,247	120	1,721	2,069		1909	51	2,047	1,896	1,328	1,225	3,966
	1904	9	156	749	98	2,869	3,285		1904	33	1,428	1,266	664	678	1,870
Leather goods.....	1914	¹ 605	7,473	2,310	4,200	12,008	21,797	Paint and varnish.....	1914	150	3,450	14,648	2,282	18,592	31,884
	1909	483	7,588	1,836	4,039	11,632	20,997		1909	147	3,047	10,857	1,863	17,895	28,559
	1904	408	7,648	1,496	3,295	9,369	17,224		1904	128	3,250	10,559	1,823	16,870	25,121

¹ Includes "pocketbooks," "saddlery and harness;" and "trunks and valises."

² Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."

³ Excludes statistics for one establishment, to avoid disclosure of individual operations.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.			INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.		
					Wages.	Cost of mate- rials.	Value of prod- ucts.						Wages.	Cost of mate- rials.	Value of prod- ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Paper and wood pulp...	1914	150	13,570	392,268	\$8,577	\$35,930	\$56,336	Soap.....	1914	65	3,168	8,744	\$1,735	\$19,869	\$27,526
	1909	178	12,073	337,548	6,744	31,767	48,880		1909	67	2,976	5,873	1,436	15,612	23,583
	1904	177	12,418	390,730	6,402	22,806	37,751		1904	67	2,402	4,270	1,043	8,411	13,402
Paper goods, not else- where specified.	1914	1,113	4,639	7,819	2,315	8,453	15,330	Soda-water apparatus..	1914	24	118	131	78	255	512
	1909	107	4,303	6,257	1,765	6,786	12,111		1909	26	90	125	62	217	467
	1904	279	3,467	3,925	1,235	4,203	7,592		1904	16	213	231	133	282	780
Paper patterns.....	1914	13	856	157	455	446	1,997	Sporting and athletic goods.	1914	45	881	644	527	972	1,921
	1909	16	761	669	328	523	2,166		1909	48	515	470	259	633	1,270
	1904	20	1,071	33	441	332	2,242		1904	55	802	590	347	575	1,324
Patent medicines and compounds and drug- gists' preparations.	1914	806	5,699	5,549	2,977	16,912	41,796	Springs, steel, car and carriage, not made in steel works or rolling mills.	1914	14	375	692	251	380	962
	1909	743	4,728	5,423	2,226	12,589	37,343		1909	7	195	1,071	123	164	410
	1904	611	4,334	3,418	1,847	8,816	28,046	Stationary goods, not elsewhere specified.	1904	10	351	1,881	181	262	597
Paving materials.....	1914	54	2,414	17,500	1,324	1,436	3,965		1914	61	1,712	693	798	2,617	4,690
	1909	8	259	1,332	175	545	1,162		1909	55	1,243	1,307	636	1,610	3,344
	1904	6	373	1,081	182	567	1,068		1904	39	1,013	554	421	1,078	2,531
Pens, fountain, stylo- graphic, and gold.	1914	31	740	302	490	1,024	5,169	Statuary and art goods.	1914	63	734	291	616	354	1,552
	1909	30	730	192	427	1,563	3,219		1909	58	417	84	400	228	990
	1904	24	614	156	362	876	1,945		1904	47	458	151	351	147	927
Photo-engraving.....	1914	89	1,710	630	1,810	912	4,256	Steam packing.....	1914	33	662	2,162	425	1,591	2,612
	1909	66	1,395	470	1,351	555	2,908		1909	36	901	1,804	464	1,971	3,783
	1904	48	967	358	839	413	1,988		1904	23	660	1,097	306	923	2,349
Photographic apparatus and materials.	1914	59	7,426	14,636	4,762	9,804	35,174	Stereotyping and elec- trotyping.	1914	51	1,097	1,813	1,068	801	2,781
	1909	42	4,088	6,782	2,435	4,967	18,764		1909	47	905	1,414	852	626	2,228
	1904	44	2,614	3,556	1,215	2,742	9,523		1904	41	828	1,033	662	368	1,603
Pipes, tobacco.....	1914	20	1,492	696	776	1,597	2,689	Stoves and furnaces, in- cluding gas and oil stoves.	1914	47	3,051	4,365	2,146	2,253	6,603
	1909	30	1,663	803	757	1,432	3,212		1909	58	4,247	6,273	2,746	3,542	8,974
	1904	32	1,207	571	550	924	1,881		1904	48	2,788	2,629	1,790	1,939	5,627
Printing and publish- ing.	1914	4,806	64,020	66,802	49,008	68,915	257,269	Surgical appliances and artificial limbs.	1914	93	530	346	309	755	1,959
	1909	4,426	63,120	53,973	43,559	56,494	216,946		1909	72	464	240	276	507	1,490
	1904	3,718	53,436	29,652	34,071	39,482	164,834		1904	62	617	210	331	318	1,210
Pumps, not including power pumps.	1914	19	315	608	184	349	698	Tobacco manufactures..	1914	2,871	30,489	3,988	14,132	37,971	88,080
	1909	22	408	719	228	296	817		1909	3,371	30,019	2,657	13,666	31,341	76,662
	1904	20	252	419	123	139	371		1904	3,543	33,946	1,713	14,547	25,240	65,597
Roofing materials.....	1914	21	348	650	246	1,090	1,852	Toys and games.....	1914	97	1,883	996	820	1,726	3,713
	1909	7	183	323	101	837	1,429		1909	67	1,197	451	457	847	1,849
	1904	19	361	416	207	895	1,393		1904	41	826	1,093	324	808	1,644
Rubber goods, not else- where specified.	1914	45	3,633	11,915	1,887	4,686	10,228	Type founding and printing materials.	1914	27	190	281	154	302	757
	1909	53	2,066	6,898	1,058	5,659	8,784		1909	27	220	231	140	384	823
	1904	55	2,692	4,399	1,113	5,000	8,266		1904	25	202	196	141	158	590
Salt.....	1914	26	1,510	6,540	816	1,365	3,554	Typewriters and sup- plies.	1914	61	4,446	4,491	2,903	2,469	12,252
	1909	33	1,525	9,923	765	1,195	2,897		1909	43	4,538	2,757	3,020	1,881	10,298
	1904	34	1,373	4,923	586	1,186	3,167		1904	31	2,861	1,931	1,709	862	5,352
Saws.....	1914	16	228	947	148	283	691	Umbrellas and canes....	1914	146	1,567	365	841	3,673	5,961
	1909	15	379	1,058	209	455	974		1909	142	1,919	507	907	4,131	6,427
	1904	18	519	1,131	232	379	979		1904	99	1,499	239	617	2,857	4,711
Scales and balances.....	1914	13	516	627	309	339	1,000	Upholstering materials, not elsewhere speci- fied.	1914	27	561	2,211	296	1,341	1,965
	1909	16	453	585	284	420	1,180		1909	38	673	2,430	293	1,018	1,915
	1904	16	525	685	292	264	864		1904	34	663	1,151	307	894	1,659
Shipbuilding, including boat building.	1914	207	6,076	17,064	4,971	5,173	14,195	Vault lights and venti- lators.	1914	14	245	124	158	290	643
	1909	255	5,644	13,835	3,780	3,925	11,417		1909	14	141	49	110	109	328
	1904	210	6,428	10,988	4,387	3,989	11,265		1904	11	135	74	99	102	333
Show cases.....	1914	21	339	427	197	328	759	Vinegar and cider.....	1914	189	362	5,092	206	1,040	1,789
	1909	21	415	516	232	406	900		1909	277	529	5,719	234	1,480	2,246
	1904	19	310	357	178	234	596		1904	154	434	3,302	213	997	1,911
Signs and advertising novelties.	1914	272	2,392	1,505	1,479	2,015	5,662	Wall paper, not made in paper mills.	1914	11	1,513	1,763	844	2,182	4,577
	1909	67	811	389	497	660	1,772		1909	13	1,602	1,596	806	2,474	5,277
	1904	67	811	389	497	660	1,772		1904	14	1,799	2,159	835	2,795	5,596
Silk goods, including throwsters.	1914	143	11,659	14,707	4,967	16,736	29,261	Wallpaper.....	1914	29	1,628	9,502	993	3,177	5,247
	1909	170	12,903	11,110	5,385	13,949	26,519		1909	31	1,337	7,356	775	2,425	4,494
	1904	123	11,283	7,250	4,268	10,490	20,181		1904	35	1,376	5,803	719	2,094	3,735
Silverware and plated ware.	1914	59	2,989	4,027	1,825	2,736	6,875	Window shades and fixtures.	1914	106	1,006	1,767	529	3,579	5,009
	1909	53	3,065	2,819	1,899	3,589	7,859		1909	75	911	1,555	435	3,946	5,476
	1904	42	3,304	2,817	1,789	3,589	6,580		1904	35	811	1,139	276	1,994	2,883
Slaughtering and meat packing.	1914	337	6,641	17,753	4,914	130,218	148,106	Wire.....	1914	6	1,384	4,474	788	3,687	5,779
	1909	238	6,110	13,936	4,387	110,168	127,130		1909	7	1,439	5,455	758	7,824	10,065
	1904	151	3,761	7,271	2,592	66,778	75,550		1904	6	1,179	4,576	637	8,005	9,401
Smelting and refining, not from the ore.	1914	17	316	746	213	8,983	10,264	Wirework, including wire rope and cable, not elsewhere speci- fied.	1914	100	1,400	1,710	698	1,668	3,394
	1909	15	284	1,595	191	8,207	9,018		1909	106	1,649	2,402	843	3,785	5,875
	1904	11	176	1,280	101	4,716	5,180		1904	143	1,985	1,068	961	1,429	3,683

1 Includes "cardboard, not made in paper-mills" and "envelopes."
 2 Excludes statistics for one establishment, to avoid disclosure of individual operations.
 3 Includes "perfumery and cosmetics."
 4 Includes "bookbinding and blank-book making," "engraving, steel and copper plate, including plate printing," and "lithographing."
 5 Includes "sausage, not made in slaughtering and meat-packing establishments."

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.			INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.		
					Wages.	Cost of ma- terials.	Value of prod- ucts.						Wages.	Cost of ma- terials.	Value of prod- ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Wood carpet.....	1914	6	166	131	\$166	\$308	\$557	Wool shoddy.....	1914	11	283	1,891	\$145	\$768	\$1,110
	1909	6	95	138	76	161	311		1909	14	223	1,982	106	624	869
	1904	12	218	182	158	187	450		1904	11	195	1,089	80	497	702
Wood distillation, not including turpentine and rosin.	1914	19	438	1,067	225	1,934	2,790	Woolen, worsted, and felt goods, and wool hats.	1914	51	8,552	22,923	4,176	12,904	21,068
	1909	29	593	599	262	2,519	3,402		1909	64	9,460	22,374	4,145	14,744	23,739
	1904	32	489	706	218	2,480	3,357		1904	67	8,042	21,738	3,520	10,715	19,477
Wood preserving.....	1914	5	82	305	61	501	745	All other industries.....	1914	717	28,971	94,466	13,421	245,286	300,035
	1909	4	46	420	27	214	330		1909	524	25,175	85,962	13,906	214,426	260,248
	1904	4	64	431	39	252	392		1904	754	32,936	54,987	17,379	205,095	264,068
Wood, turned and carved.	1914	139	706	2,548	392	476	1,305								
	1909	159	1,279	3,223	729	919	2,422								
	1904	157	805	2,448	443	439	1,299								

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

ALBANY —All industries.	1914	476	9,371	16,420	\$5,635	\$11,400	\$25,211	BUFFALO —Contd.								
	1909	395	9,861	15,629	5,234	10,521	22,826	Awnings, tents, and sails	1914	6	51	52	\$35	\$114	\$182	
	1904	490	8,976	15,629	4,269	9,377	20,209		1909	6	53	60	23	74	145	
Bread and other bakery products.	1914	67	355	215	230	810	1,439		1904	7	45	25	25	51	106	
	1909	69	289	143	169	735	1,210	Blackening and cleansing and polishing preparations.	1914	16	237	247	111	710	1,637	
	1904	78	320	153	153	588	958		1909	11	136	209	67	411	964	
Carriages, wagons, and repairs.	1914	8	73	76	60	33	125		1904	5	36	8	8	84	136	
	1909	4	48	63	37	32	92	Boots and shoes, including cut stock.	1914	16	639	426	313	957	1,499	
	1904	11	90	51	51	45	154		1909	14	653	370	267	835	1,356	
Clothing, men's, including shirts.	1914	28	1,347	247	507	258	977		1904	6	428	144	144	404	707	
	1909	13	991	256	331	233	668	Boxes, fancy and paper.	1914	14	1,168	1,206	412	762	1,586	
	1904	20	1,114	327	293	1,031	1,031		1909	11	1,533	449	389	394	1,068	
Confectionery.....	1914	9	55	65	21	74	135		1904	9	805	151	151	310	502	
	1909	6	116	140	35	140	246	Brass, bronze, and copper products.	1914	25	688	3,335	479	2,430	3,309	
	1904	5	98	38	38	121	232		1909	18	347	2,417	211	1,141	1,701	
Foundry and machine-shop products.	1914	129	659	670	474	738	1,551		1904	9	89	48	48	231	349	
	1909	18	636	809	396	559	1,354	Bread and other bakery products.	1914	233	1,534	1,678	928	3,541	6,514	
	1904	23	929	508	508	734	1,774		1909	189	1,355	1,191	725	3,335	5,541	
Hats and caps, other than felt, straw, and wool.	1914	3	27	4	22	53	106		1904	144	1,317	619	619	2,530	4,452	
	1909	3	21	3	14	27	63	Brick, tile, pottery, and other clay products.	1914	6	514	570	274	178	553	
	1904	3	21	11	11	36	36		1909	6	163	265	88	25	165	
Liquors, malt.....	1914	7	312	2,363	329	742	3,181		1904	7	254	128	128	46	243	
	1909	8	306	2,328	292	653	3,056	Canning and preserving.	1914	6	26	10	14	63	107	
	1904	10	281	226	226	567	2,449		1909	8	42	100	17	142	204	
Marble and stonework ..	1914	9	39	110	32	42	119		1904	4	9	5	5	9	22	
	1909	8	33	68	23	32	86	Carriages and wagons and materials.	1914	41	329	675	216	296	709	
	1904	7	70	41	41	150	150		1909	48	429	551	247	557	1,196	
Mineral and soda waters	1914	8	38	25	27	35	104		1904	40	525	259	259	591	1,164	
	1909	11	43	48	24	25	82	Cars and general shop construction and repairs by steam-railroad companies.	1914	14	3,418	2,888	2,395	2,834	5,507	
	1904	16	49	28	28	36	121		1909	7	3,190	2,768	1,938	2,277	4,524	
Printing and publishing	1914	76	1,465	1,238	1,000	1,065	3,389		1904	7	2,734	1,512	1,512	1,901	3,609	
	1909	64	1,635	1,324	957	1,274	3,249	Clothing, men's, including shirts.	1914	57	1,872	407	792	1,925	3,825	
	1904	56	1,337	768	768	529	2,351		1909	60	1,430	365	601	1,797	3,699	
Slaughtering and meat packing.	1914	8	21	155	17	282	368		1904	91	1,777	633	633	2,311	4,369	
	1909	7	20	91	13	211	266	Clothing, women's.....	1914	18	497	207	201	346	740	
	1904	8	38	19	19	124	176		1909	14	556	61	182	565	1,014	
Tobacco manufactures..	1914	52	385	142	173	306	772		1904	11	366	114	114	269	509	
	1909	52	245	60	124	280	677	Coffee, roasting and grinding.	1914	18	48	118	36	687	871	
	1904	74	498	247	247	396	1,074		1909	8	25	91	11	209	283	
All other industries.....	1914	172	4,595	11,110	2,743	6,962	12,945		1904	9	26	11	11	175	224	
	1909	132	5,478	10,296	2,819	6,320	11,777	Confectionery.....	1914	29	419	491	145	614	965	
	1904	179	4,131	1,852	1,852	5,687	9,708		1909	26	505	604	160	739	1,180	
BINGHAMTON —All industries.	1914	245	7,248	8,158	\$3,653	\$10,384	\$18,360		1904	20	579	160	160	620	1,251	
	1909	266	6,823	7,741	3,084	8,728	17,114	Cooperage and wooden goods, not elsewhere specified.	1914	15	218	345	138	378	559	
	1904	241	5,636	2,425	2,425	6,421	13,907		1909	13	172	206	94	428	609	
BUFFALO —All industries.	1914	2,225	54,416	152,338	\$34,818	\$157,996	\$247,516		1904	18	200	93	93	264	427	
	1909	1,753	51,412	121,791	28,727	136,538	218,804	Copper, tin, and sheet-iron products.	1914	7	1,772	2,726	1,105	2,019	4,407	
	1904	1,538	43,567	21,622	21,622	88,367	147,378		1909	67	1,552	1,955	853	2,272	4,123	
Artificial stone products	1914	14	53	64	31	39	118		1904	40	1,479	595	595	1,309	2,555	
	1909	5	30	31	18	11	50	Flavoring extracts.....	1914	10	19	5	8	64	143	
	1904	5	30	31	18	11	50		1909	9	22	2	10	32	77	
Automobiles, including bodies and parts.	1914	33	3,117	3,977	2,511	6,029	11,470		1904	10	28	9	9	42	109	
	1909	23	3,044	4,561	2,200	4,596	9,598	Flour-mill and gristmill products.	1914	11	749	8,645	562	25,037	28,069	
	1904	5	625	390	390	580	1,386		1909	10	476	10,987	324	17,470	19,942	
									1904	9	425	210	210	8,602	9,808	

¹ Includes "automobile repairing," "gas machines and gas and water meters;" "hardware;" "steam fittings and steam and hot-water heating apparatus;" and "structural iron work, not made in steel works or rolling mills."

² Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithographing."

³ Excludes statistics for one establishment, to avoid disclosure of individual operations.

⁴ Excludes statistics for two establishments, to avoid disclosure of individual operations.

⁵ Includes "canning and preserving, fish" and "pickles, preserves, and sauces."

⁶ Includes "stamped and enameled ware, not elsewhere specified," and "tinware not elsewhere specified."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
BUFFALO—Contd.								BUFFALO—Contd.							
Food preparations, not elsewhere specified.	1914	20	356	1,365	\$211	\$2,559	\$4,117	Mineral and soda waters	1914	24	108	94	\$65	\$123	\$269
	1909	12	251	861	118	1,696	2,715		1909	21	100	90	68	101	287
	1904	10	533	.....	160	1,839	2,172		1904	18	124	.....	52	74	244
Foundry and machine-shop products.	1914	1 258	8,714	20,484	6,210	10,818	23,734	Models and patterns, not including paper patterns.	1914	11	56	82	48	35	124
	1909	149	8,868	11,690	5,144	8,811	20,775		1909	9	67	76	62	12	123
	1904	2 118	7,131	.....	3,934	6,058	14,557		1904	9	42	.....	32	7	71
Fur goods.....	1914	19	90	15	60	218	411	Optical goods.....	1914	6	60	80	44	92	198
	1909	12	88	6	61	192	350		1909	5	16	10	11	11	44
	1904	7	75	.....	30	116	217		1904	5	.....	.....	.....	.....	.....
Furniture and refrigerators.	1914	38	1,972	3,351	1,056	1,966	4,018	Paper goods, not elsewhere specified.	1914	7 7	189	409	98	303	478
	1909	33	2,052	2,846	1,037	2,156	4,185		1909	4	108	98	44	149	295
	1904	26	1,659	.....	736	1,205	2,543		1904	6 3	114	.....	39	83	176
Gas and electric fixtures and lamps and reflectors.	1914	14	93	110	49	100	228	Patent medicines and compounds and druggists' preparations.	1914	6 101	300	403	153	676	3,335
	1909	13	101	177	58	95	281		1909	6 1	230	362	90	361	2,801
	1904	4	18	.....	12	40	70		1904	2 44	249	.....	78	302	1,996
Glass, cutting, staining, and ornamenting.	1914	16	115	141	71	113	268	Photo-engraving.....	1914	6	80	69	71	59	228
	1909	9	83	44	30	51	138		1909	6	96	153	79	28	189
	1904	13	246	.....	116	211	467		1904	4	44	.....	45	12	100
Gloves and mittens, leather.	1914	12	131	33	62	147	283	Printing and publishing.	1914	6 210	2,956	3,792	2,149	2,937	9,016
	1909	9	76	12	35	73	148		1909	164	3,089	3,588	1,937	2,355	7,679
	1904	5	48	.....	20	50	88		1904	6 161	2,869	.....	1,577	1,849	6,446
House-furnishing goods, not elsewhere specified.	1914	5	42	77	23	47	124	Shipbuilding, including boat building.	1914	10	315	1,804	219	101	536
	1909	4	87	48	30	69	157		1909	11	356	1,720	261	165	691
	1904	6	110	.....	51	290	432		1904	6 3	7	.....	5	3	14
Ice, manufactured.....	1914	7	64	2,596	58	73	262	Slaughtering and meat packing.	1914	10 43	1,610	4,960	1,004	27,379	29,700
	1909	3	49	650	32	18	93		1909	39	1,662	3,743	963	21,789	25,416
	1904	3	.....	.....	.....	.....	.....		1904	33	1,182	.....	602	14,220	16,220
Instruments, professional and scientific.	1914	8	202	151	131	78	422	Soap.....	1914	11	1,465	2,890	866	6,145	8,835
	1909	7	110	34	54	29	51		1909	8	1,360	2,489	545	5,760	8,653
	1904	5	106	.....	34	54	158		1904	10	1,141	.....	435	3,257	4,793
Iron and steel forgings..	1914	5	165	829	147	168	403	Stereotyping and electrotyping.	1914	3	55	129	39	47	131
	1909	5	171	732	131	183	419		1909	3	47	112	32	44	138
	1904	4	155	.....	89	80	238		1904	3	39	.....	19	22	107
Jewelry.....	1914	21	316	177	191	344	1,125	Tobacco manufactures..	1914	179	492	22	249	370	951
	1909	14	298	116	174	385	979		1909	188	516	21	282	550	1,237
	1904	16	306	.....	154	439	917		1904	2 175	539	.....	286	324	1,983
Jewelry and instrument cases.	1914	9	459	131	182	179	518	Tools, not elsewhere specified.	1914	11	151	262	87	63	250
	1909	8	416	109	113	131	393		1909	11	231	359	128	141	452
	1904	9	467	.....	110	111	303		1904	6 6	114	.....	51	37	160
Leather goods.....	1914	4 28	531	567	286	638	1,336	Wall plaster.....	1914	3	39	240	24	80	164
	1909	22	509	460	262	521	1,129		1909	3	32	220	15	52	126
	1904	2 15	434	.....	195	356	769		1904	5	50	.....	25	109	213
Leather, tanned, curried, and finished.	1914	4	455	1,825	258	2,960	3,831	Wirework, including wire rope and cable, not elsewhere specified.	1914	11	226	240	115	188	454
	1909	4	513	1,297	246	2,909	3,811		1909	10	209	188	79	173	374
	1904	4	686	.....	264	1,694	2,423		1904	6	188	.....	68	121	254
Liquors, malt.....	1914	16	958	5,248	787	2,603	7,962	All other industries.....	1914	325	12,318	60,258	7,732	37,093	56,885
	1909	16	673	4,888	536	1,481	6,497		1909	262	10,407	46,173	5,966	39,588	57,155
	1904	19	591	.....	437	1,204	5,187		1904	270	9,821	.....	5,338	28,255	44,063
Lubricating greases.....	1914	4	32	141	18	219	306	NEW YORK CITY—	1914	29,621	585,279	550,962	357,498	1,229,155	2,292,832
	1909	3	31	37	17	163	240	All industries.	1909	25,933	553,923	428,838	323,414	1,090,783	2,027,425
	1904	3	.....	.....	.....	.....	.....		1904	20,839	464,716	.....	248,128	818,029	1,526,523
Lumber and timber products.	1914	5 28	1,228	5,208	804	2,697	4,397	Artificial flowers and feathers and plumes.	1914	359	7,658	400	3,335	8,119	16,348
	1909	32	1,950	6,713	1,106	3,325	5,580		1909	312	8,449	201	3,435	12,237	21,098
	1904	6 30	1,955	.....	1,036	2,937	4,824		1904	146	3,295	.....	1,094	1,447	3,966
Malt.....	1914	10	283	5,219	276	6,598	8,074	Artificial stone products	1914	22	199	170	159	242	598
	1909	16	288	3,862	222	5,657	7,095		1909	24	227	222	150	195	486
	1904	17	225	.....	161	2,239	3,036		1904	12	512	.....	329	249	828
Marble and stone work..	1914	17	217	585	157	336	588	Automobiles, including bodies and parts.	1914	135	2,922	4,480	2,064	5,014	9,484
	1909	17	364	427	243	443	943		1909	56	1,979	1,460	1,585	2,636	6,194
	1904	14	390	.....	246	151	712		1904	14	553	.....	493	757	1,399
Mattresses and spring beds.	1914	11	205	279	112	371	686	Awnings, tents, and sails.	1914	135	735	238	503	1,171	2,358
	1909	8	190	137	91	276	555		1909	82	503	275	337	857	1,672
	1904	9	162	.....	71	289	432		1904	50	400	.....	222	397	919

1 Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water meters;" "hardware;" "plumbers' supplies;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
 2 Excludes statistics for 2 establishments, to avoid disclosure of individual operations.
 3 Figures can not be shown without disclosing individual operations.
 4 Includes "saddlery and harness" and "trunks and valises."
 5 Includes "boxes, wooden packing" and "lumber, planing-mill products, not including planing mills connected with sawmills."
 6 Excludes statistics for 1 establishment, to avoid disclosure of individual operations.
 7 Includes "envelopes."
 8 Includes "perfumery and cosmetics."
 9 Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" "lithography;" "printing and publishing, book and job;" and "printing and publishing, newspapers and periodicals."
 10 Includes "sausage, not made in slaughtering and meat-packing establishments."
 11 Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.	INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Wages.	Cost of materials.	Value of products.
CITIES OF 500,000 INHABITANTS OR OVER—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
NEW YORK CITY—Continued.								NEW YORK CITY—Continued.							
Babbitt metal and solder.	1914	22	205	175	\$148	\$3,723	\$4,636	Clothing, women's.....	1914	3,723	104,834	15,250	\$62,831	\$180,778	\$339,843
	1909	20	167	115	132	4,376	5,320		1909	2,995	94,684	11,157	53,526	144,845	266,477
	1904	11	117	.....	79	3,846	4,456		1904	2,140	70,089	.....	34,551	89,092	168,419
Bags, other than paper.	1914	18	1,023	422	413	6,038	7,096	Coffee and spice, roasting and grinding.	1914	99	1,577	4,808	869	24,142	29,861
	1909	14	802	397	277	3,408	4,094		1909	61	1,329	3,475	649	11,448	15,819
	1904	14	697	.....	220	2,999	3,616		1904	57	1,475	.....	757	21,814	25,897
Bags, paper, not including bags made in paper mills.	1914	8	427	263	215	1,191	1,903	Coffins, burial cases, and undertakers' goods.	1914	15	674	957	387	1,522	2,551
	1909	9	367	200	156	1,058	1,682		1909	15	529	600	288	1,213	2,102
	1904	9	195	.....	72	397	610		1904	10	574	.....	329	1,018	1,970
Baskets, and rattan and willow ware.	1914	34	406	150	203	676	1,161	Confectionery.....	1914	208	8,932	10,280	3,695	16,775	28,555
	1909	26	401	129	230	413	986		1909	127	6,522	6,254	2,373	12,395	20,082
	1904	30	457	.....	212	374	994		1904	110	5,431	.....	1,944	8,448	14,045
Belting, leather.....	1914	24	274	1,461	187	1,897	2,860	Cooperage and wooden goods, not elsewhere specified.	1914	61	1,350	2,009	787	2,628	4,010
	1909	18	298	892	188	2,032	3,670		1909	39	1,111	1,215	524	2,221	3,446
	1904	14	270	.....	146	1,612	2,421		1904	45	1,539	.....	741	2,795	4,061
Blackening and cleansing and polishing preparations.	1914	60	436	404	201	1,071	2,175	Copper, tin, and sheet-iron products.	1914	466	10,140	8,077	6,180	14,624	27,621
	1909	60	406	236	177	966	1,998		1909	476	9,844	6,415	5,786	12,057	23,303
	1904	46	412	.....	174	990	1,879		1904	343	8,850	.....	4,886	8,182	17,389
Boots and shoes, including outstock and findings.	1914	205	10,496	4,726	6,445	13,766	26,162	Cordage and twine, and jute and linen goods.	1914	6	3,959	10,895	1,683	6,345	8,958
	1909	181	8,200	2,559	4,464	9,950	18,376		1909	9	4,436	9,485	1,601	4,271	7,374
	1904	130	6,104	.....	2,959	7,828	13,687		1904	10	3,591	.....	1,386	6,124	9,570
Boxes, cigar.....	1914	22	1,041	635	482	748	1,517	Cordials and flavoring sirups.	1914	34	160	72	89	756	1,201
	1909	31	1,256	913	558	916	1,843		1909	32	164	68	93	862	1,446
	1904	31	1,442	.....	630	912	1,919		1904	16	80	.....	40	347	620
Boxes, fancy and paper.	1914	220	10,000	5,012	4,126	6,929	15,853	Corsets.....	1914	48	2,201	437	964	2,182	5,171
	1909	211	7,210	1,696	2,849	4,013	9,450		1909	39	2,128	421	889	2,172	4,610
	1904	170	7,212	.....	2,545	3,576	8,726		1904	30	978	.....	335	500	1,447
Brass, bronze, and copper products.	1914	148	3,865	4,016	2,406	5,112	10,499	Cotton goods, including cotton small wares.	1914	719	452	680	280	811	1,464
	1909	163	3,554	3,054	2,116	3,945	8,755		1909	13	368	415	165	574	1,051
	1904	131	2,716	.....	1,503	2,038	5,004		1904	15	79	.....	29	187	260
Bread and other bakery products.	1914	2,491	19,870	12,701	13,084	42,550	80,056	Cutlery and tools, not elsewhere specified.	1914	67	726	455	413	698	1,811
	1909	2,378	15,521	6,642	10,375	37,957	61,904		1909	70	586	377	302	460	1,316
	1904	1,976	12,747	.....	7,594	26,474	44,000		1904	78	457	.....	288	253	968
Brick, tile, pottery, and other clay products.	1914	15	1,106	1,820	643	350	1,360	Dental goods.....	1914	34	843	1,059	549	5,144	7,032
	1909	13	876	1,355	491	293	1,291		1909	13	242	184	133	4,042	4,490
	1904	15	1,036	.....	524	337	1,292		1904	18	762	.....	448	2,719	3,643
Brushes.....	1914	79	1,075	643	514	1,273	2,668	Dyeing and finishing textiles.	1914	86	2,942	5,067	1,629	3,936	8,351
	1909	2	1,200	592	556	1,452	2,859		1909	69	2,770	2,738	1,097	2,727	6,003
	1904	.....	.....	.....	.....	.....	.....		1904	39	1,224	.....	569	401	1,707
Buttons.....	1914	207	2,903	1,315	1,186	1,765	4,310	Dyestuffs and extracts..	1914	16	406	2,512	297	3,113	4,521
	1909	147	3,172	1,024	1,349	2,352	5,235		1909	14	280	2,975	191	2,269	3,546
	1904	46	1,810	.....	641	881	2,205		1904	6	349	.....	226	1,108	1,878
Canning and preserving.	1914	480	1,358	1,503	148	5,454	7,867	Electrical machinery, apparatus, and supplies.	1914	152	4,590	4,286	2,653	6,487	14,146
	1909	73	1,034	1,189	2,500	3,491	5,538		1909	160	5,686	6,954	3,336	6,837	14,788
	1904	76	1,128	.....	466	3,310	5,365		1904	133	5,146	.....	2,460	5,506	11,008
Carriages and wagons and materials.	1914	268	1,545	2,258	1,131	1,145	3,282	Electroplating.....	1914	93	458	540	310	156	800
	1909	195	2,816	1,950	1,326	1,659	4,153		1909	97	480	477	315	296	886
	1904	197	2,537	.....	1,636	1,411	4,542		1904	77	569	.....	333	316	983
Cars and general shop construction and repairs by electric-railroad companies.	1914	10	3,946	6,060	2,743	3,234	6,491	Engraving and die-stamping.	1914	165	390	285	299	115	852
	1909	13	3,471	3,207	2,236	2,544	5,312		1909	72	312	156	207	72	606
	1904	5	3,339	.....	2,055	1,115	3,444		1904	112	510	.....	340	110	802
Cars and general shop construction and repairs by steam-railroad companies.	1914	11	1,911	2,682	1,424	1,466	3,143	Fancy articles, not elsewhere specified.	1914	1245	3,259	1,424	1,544	4,248	8,380
	1909	3	1,517	1,186	925	986	2,052		1909	156	2,945	2,413	1,448	2,890	6,987
	1904	6	1,166	.....	733	684	1,474		1904	125	2,184	.....	964	1,761	4,331
Chemicals.....	1914	33	1,811	4,269	872	9,695	12,302	Flags, banners, regalia, society badges, and emblems.	1914	54	694	172	346	851	1,944
	1909	33	1,438	4,716	981	9,219	12,945		1909	50	530	98	203	712	1,347
	1904	34	995	.....	570	6,517	9,033		1904	47	364	.....	127	458	868
Chocolate and cocoa products.	1914	8	621	3,269	285	4,227	5,826	Flavoring extracts.....	1914	61	188	124	89	904	1,515
	1909	8	602	2,340	122	3,390	4,673		1909	63	153	59	84	618	1,204
	1904	9	691	.....	232	2,236	3,411		1904	58	270	.....	118	581	1,370
Clocks and watches, including cases and materials.	1914	27	1,848	1,067	663	1,142	3,148	Food preparations, not elsewhere specified.	1914	181	2,156	3,842	1,082	9,327	13,341
	1909	20	1,417	490	786	1,178	3,036		1909	95	1,814	2,724	797	4,983	8,040
	1904	20	1,797	.....	845	1,648	3,033		1904	95	1,342	.....	474	2,928	5,094
Clothing, men's, including shirts.	1914	2,232	56,853	9,599	30,503	95,144	192,112	Foundry and machine-shop products.	1914	1,913	28,031	37,060	21,145	28,963	77,898
	1909	2,523	67,011	7,384	37,908	112,624	218,316		1909	923	24,014	33,453	16,753	24,058	63,753
	1904	1,851	44,318	.....	22,517	76,453	149,484		1904	1,810	24,880	.....	16,245	21,040	67,937

¹ Excludes statistics for two establishments, to avoid disclosures of individual operations.

² Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

³ Not reported separately.

⁴ Includes "canning and preserving, fish;" "canning and preserving, fruits and vegetables;" and "pickles, preserves, and sauces."

⁵ Excludes statistics for one establishment, to avoid disclosure of individual operations.

⁶ Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."

⁷ Includes "cotton lace."

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;" "plumber's supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	
																Expressed in thousands.			Expressed in thousands.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
NEW YORK CITY— Continued.								NEW YORK CITY— Continued.								
Fur goods.....	1914	824	5,519	1,161	\$4,116	\$16,130	\$29,071	Jewelry and instrument cases.....	1914	61	734	479	\$375	\$488	\$1,362	
	1909	821	7,824	857	5,483	23,434	39,874		1909	57	736	93	395	532	1,353	
	1904	573	5,298	.....	3,278	14,733	25,279		1904	47	648	.....	292	437	1,102
Furnishing goods, men's	1914	1,294	6,719	959	3,430	15,695	25,862	Labels and tags.....	1914	31	599	430	376	766	1,885	
	1909	313	6,295	498	2,993	15,545	25,496		1909	23	584	237	309	528	1,382	
	1904	223	6,248	.....	2,151	9,804	16,613		1904	22	351	.....	182	197	699
Furniture and refriger- ators.....	1914	495	9,066	8,570	6,019	10,133	22,994	Lasts.....	1914	6	202	321	164	141	509	
	1909	406	8,414	6,993	5,359	8,731	19,439		1909	6	195	285	135	144	455	
	1904	312	6,691	.....	4,146	5,857	13,934		1904	6	159	.....	95	52	259
Furs, dressed.....	1914	52	974	1,234	596	604	1,945	Leather goods.....	1914	2,460	6,238	1,268	3,515	10,105	18,219	
	1909	49	748	1,137	512	253	1,209		1909	389	6,301	946	3,440	10,049	17,775	
	1904	49	738	.....	517	380	1,400		1904	331	6,337	.....	2,711	7,955	14,625
Gas and electric fixtures and lamps and reflect- ors.....	1914	145	3,571	2,347	2,330	4,061	9,256	Leather, tanned, cur- ried, and finished.	1914	15	352	769	212	1,828	2,748	
	1909	149	4,887	2,899	2,915	4,349	10,750		1909	20	453	985	235	1,276	1,946	
	1904	117	3,336	.....	1,836	3,050	7,456		1904	21	606	.....	299	1,598	2,228
Gas, illuminating and heating.....	1914	20	7,414	34,675	4,206	18,274	42,300	Liquors, malt.....	1914	53	6,283	42,520	5,648	15,887	56,312	
	1909	15	4,326	23,177	3,115	12,736	34,117		1909	74	5,793	31,378	4,936	12,797	53,469	
	1904	12	5,117	.....	3,675	9,347	29,715		1904	89	5,444	.....	4,513	10,991	43,168
Glass.....	1914	8	838	711	484	349	1,218	Looking-glass and pic- ture frames.....	1914	121	962	364	562	1,004	2,424	
	1909	9	884	450	487	281	1,128		1909	115	1,180	543	711	1,230	2,991	
	1904	10	1,095	.....	627	498	1,552		1904	96	978	.....	567	725	2,046
Glass, cutting, staining, and ornamenting.....	1914	123	1,312	552	857	928	2,730	Lumber and timber products.....	1914	267	7,115	21,455	4,632	11,389	20,568	
	1909	111	2,052	529	1,352	1,130	3,448		1909	275	8,150	19,240	4,936	10,049	24,122	
	1904	94	1,609	.....	1,024	756	2,577		1904	257	7,656	.....	4,544	9,972	21,219
Gloves and mittens, leather.....	1914	33	480	47	227	478	938	Marble and stone work.	1914	258	3,215	10,281	3,031	3,522	9,456	
	1909	38	396	17	195	291	668		1909	247	4,062	10,711	3,785	5,056	12,205	
	1904	17	262	.....	127	159	374		1904	108	4,765	.....	4,384	4,474	11,915
Grease and tallow, not including lubricating greases.....	1914	9	686	2,037	551	2,746	3,998	Mattresses and spring beds.....	1914	133	1,429	812	902	2,820	4,734	
	1909	5	557	1,131	317	939	3,939		1909	122	1,113	819	668	2,601	4,367	
	1904	7	591	.....	354	2,072	3,097		1904	92	949	.....	525	2,025	3,381
Hair work.....	1914	79	619	25	290	1,014	1,981	Millinery and lace goods	1914	1,233	24,946	4,635	12,396	36,610	70,800	
	1909	126	2,291	2	1,050	4,482	7,817		1909	886	20,561	3,372	9,419	26,761	51,239	
	1904	39	375	.....	166	461	998		1904	548	15,071	.....	6,083	16,714	32,343
Hand stamps and stenc- ils and brands.....	1914	52	277	138	187	188	661	Mineral and soda waters.	1914	271	1,492	1,430	963	1,626	4,278	
	1909	46	316	104	191	155	578		1909	252	1,558	1,284	962	1,459	4,302	
	1904	47	283	.....	145	96	452		1904	219	1,602	.....	892	1,214	3,979
Hats and caps, other than felt, straw, and wool.....	1914	273	4,019	679	2,560	5,205	10,524	Mirrors, framed and un- framed.....	1914	47	820	883	530	1,408	2,539	
	1909	226	3,210	399	1,940	3,730	7,512		1909	37	782	835	502	1,582	2,612	
	1904	188	3,381	.....	1,795	3,196	6,657		1904	34	809	.....	428	1,809	2,743
Hats, fur-felt.....	1914	31	1,282	434	841	1,997	3,602	Models and patterns, not including paper patterns.....	1914	99	1,012	712	623	838	2,714	
	1909	33	1,770	781	1,084	2,567	4,765		1909	96	854	526	563	580	2,095	
	1904	30	1,685	.....	1,065	1,619	3,899		1904	62	502	.....	292	280	1,015
Hats, straw.....	1914	70	2,320	552	1,452	5,076	8,586	Mucilage and paste.....	1914	18	179	447	113	833	1,435	
	1909	42	1,974	424	1,228	3,440	6,512		1909	13	135	415	85	604	1,072	
	1904	19	811	.....	428	905	1,791		1904	9	71	.....	40	193	334
Hosiery and knit goods.	1914	303	7,692	2,873	3,402	9,508	19,007	Musical instruments and materials, not specified.....	1914	46	190	139	112	156	547	
	1909	180	5,381	1,551	2,353	7,515	13,565		1909	37	235	126	132	168	469	
	1904	102	4,025	.....	1,451	3,149	6,235		1904	45	402	.....	217	257	737
House-furnishing goods, not elsewhere speci- fied.....	1914	118	1,633	903	801	4,582	6,440	Musical instruments, pianos and organs and materials.....	1914	121	9,073	6,841	5,872	12,128	25,130	
	1909	73	702	338	341	1,503	2,534		1909	132	8,056	5,883	5,524	12,525	24,260	
	1904	49	859	.....	381	1,362	2,471		1904	117	7,483	.....	4,865	8,718	18,900
Ice, manufactured.....	1914	52	966	27,314	836	1,360	3,664	Oil, not elsewhere speci- fied.....	1914	23	100	233	63	1,446	1,895	
	1909	37	685	14,794	547	839	2,813		1909	40	115	234	91	1,610	2,640	
	1904	35	504	.....	363	523	1,502		1904	27	168	.....	123	1,799	2,425
Ink, printing.....	1914	23	477	2,863	396	2,626	6,113	Optical goods.....	1914	44	461	229	277	532	1,238	
	1909	26	508	2,199	358	1,850	3,965		1909	27	330	152	177	249	711	
	1904	24	271	.....	179	1,070	2,256		1904	19	153	.....	79	83	278
Ink, writing.....	1914	9	161	152	88	362	883	Paint and varnish.....	1914	119	3,155	13,218	2,088	17,455	29,277	
	1909	6	146	58	62	283	737		1909	113	2,892	8,925	1,733	16,813	26,604	
	1904	6	127	.....	52	214	562		1904	99	2,915	.....	1,657	15,725	22,830
Instruments, profes- sional and scientific.	1914	67	1,083	731	793	996	3,231	Paper goods, not else- where specified.....	1914	50	3,402	3,876	1,648	4,647	9,415	
	1909	63	1,081	1,416	678	654	1,909		1909	82	3,485	3,311	1,428	4,566	8,833	
	1904	61	647	.....	375	300	1,109		1904	65	3,003	.....	1,070	3,349	6,197
Iron and steel, doors and shutters.....	1914	10	309	247	243	262	705	Patent medicines and compounds and drug- gists' preparations.....	1914	500	4,107	3,751	2,139	12,799	30,156	
	1909	9	429	399	276	323	788		1909	433	3,172	2,928	1,556	9,281	24,984	
	1904	11	221	.....	153	134	386		1904	371	2,827	.....	1,289	6,231	18,116
Jewelry.....	1914	512	4,647	1,927	3,623	10,683	20,468	Paving materials.....	1914	7	442	1,359	337	591	1,043	
	1909	438	5,039	1,445	3,617	10,004	19,236		1909	6	154	670	104	440	825	
	1904	263	3,737	.....	2,436	5,643	11,348		1904	5	208	.....	100	442	766

¹ Includes "collars and cuffs, men's" and "suspenders, garters, and elastic woven goods."

² Includes "pocketbooks," "saddlery and harness;" and "trunks and valises."

³ Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."

⁴ Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

⁵ Includes "envelopes."

⁶ Excludes statistics for one establishment, to avoid disclosures of individual operations.

⁷ Includes "perfumery and cosmetics."

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
NEW YORK CITY—Continued.															
Pens, fountain, stylographic, and gold.	1914	31	740	302	\$490	\$1,024	\$5,169	1914	82	1,609	416	\$702	\$1,349	\$2,992	
	1909	30	730	192	427	1,563	13,195	1909	59	1,095	297	415	753	1,634	
	1904	24	613	.....	362	876	1,945	1904	35	523	.....	189	281	740
Photo-engraving.....	1914	65	1,510	489	1,643	790	3,766	1914	20	171	248	141	278	698	
	1909	46	1,187	275	1,195	490	2,517	1909	23	139	217	131	357	749	
	1904	36	868	.....	754	385	1,782	1904	22	210	.....	134	145	554
Photographic apparatus and materials.	1914	35	676	272	482	768	2,019	1914	44	879	660	498	1,080	2,741	
	1909	21	233	119	141	248	658	1909	27	660	407	355	729	1,961	
	1904	24	286	.....	147	335	756	1904	16	514	.....	279	322	1,081
Pipes, tobacco.....	1914	16	1,430	651	745	1,579	2,625	1914	137	1,557	353	836	3,662	5,920	
	1909	21	1,582	701	727	1,408	3,137	1909	134	1,897	495	899	4,113	6,374	
	1904	27	1,106	.....	508	901	1,795	1904	94	1,490	.....	614	2,847	4,689
Printing and publishing.	1914	3,185	48,348	47,896	38,633	56,186	215,571	1914	94	547	344	289	2,269	3,304	
	1909	2,883	48,322	37,835	35,097	46,513	183,509	1909	67	522	130	299	3,015	4,125	
	1904	2,325	40,357	.....	27,092	32,417	138,502	1904	32	539	.....	196	1,349	1,979
Roofing materials.....	1914	15	267	317	199	801	1,360	1914	66	904	813	452	1,170	2,335	
	1909	7	55	245	34	414	620	1909	67	974	724	534	1,152	2,358	
	1904	3	198	.....	127	621	880	1904	117	1,674	.....	829	1,134	3,015
Rubber goods, not elsewhere specified.	1914	35	2,282	4,558	1,143	1,924	4,865	1914	6	166	131	166	308	557	
	1909	36	940	2,916	500	2,184	3,647	1909	6	95	138	70	161	311	
	1904	43	1,998	.....	796	3,008	5,521	1904	11	216	.....	157	187	447
Scales and balances.....	1914	7	228	207	156	164	543	1914	82	284	491	184	209	625	
	1909	6	124	105	65	193	436	1909	82	828	824	498	652	1,707	
	1904	8	169	.....	103	86	344	1904	85	378	.....	257	260	771
Shipbuilding, including boat building.	1914	68	4,890	13,394	4,210	4,309	11,919	1914	8	310	853	151	1,196	1,544	
	1909	71	4,022	9,756	2,732	2,692	8,389	1909	11	419	565	207	963	1,512	
	1904	76	4,649	.....	3,342	2,969	8,409	1904	5	142	.....	67	267	427
Signs and advertising novelties.	1914	219	1,519	555	961	1,440	3,790	1914	790	23,880	60,332	15,324	192,059	235,170	
	1909	60	670	201	431	570	1,521	1909	711	22,879	55,103	13,100	184,968	232,355	
	1904	.....	.....	.....	.....	.....	.....	1904	800	29,437	.....	14,793	195,014	243,376
Silk goods, including throwsters.	1914	94	5,947	3,791	2,848	8,090	15,008	1914	1,271	19,387	31,695	12,637	27,987	58,709	
	1909	118	7,952	4,589	3,565	8,490	16,950	1909	934	14,540	19,911	9,114	18,782	42,900	
	1904	84	7,117	.....	2,931	7,070	14,036	1904	.....	.....	.....	.....	.....	.....
Silverware and plated ware.	1914	50	1,151	1,102	767	1,201	3,087	1914	17	110	24	73	146	320	
	1909	42	1,441	1,144	978	1,865	4,199	1909	6	33	6	26	53	126	
	1904	32	1,554	.....	905	1,472	3,505	1904	.....	.....	.....	.....	.....	.....
Slaughtering and meat packing.	1914	209	4,371	10,801	3,531	97,457	110,707	1914	267	1,457	1,197	1,137	3,908	6,977	
	1909	112	3,924	8,715	3,171	83,834	95,862	1909	201	679	53	53	1,912	3,139	
	1904	63	2,169	.....	1,793	49,929	55,938	1904	.....	.....	.....	.....	.....	.....
Smelting and refining, not from the ore.	1914	13	250	337	178	8,499	9,695	1914	26	98	131	78	71	210	
	1909	11	234	285	161	8,417	7,776	1909	16	219	68	84	118	257	
	1904	8	146	.....	86	4,426	4,845	1904	.....	.....	.....	.....	.....	.....
Soap.....	1914	38	1,614	5,470	868	12,768	17,361	1914	18	1,518	642	545	2,019	3,711	
	1909	41	1,535	3,144	840	9,169	13,925	1909	8	461	96	178	272	668	
	1904	42	1,188	.....	574	4,717	7,929	1904	.....	.....	.....	.....	.....	.....
Sporting and athletic goods.	1914	22	639	422	421	828	1,587	1914	37	360	155	345	635	1,380	
	1909	25	280	115	155	405	794	1909	37	269	100	202	277	703	
	1904	30	496	.....	216	399	893	1904	.....	.....	.....	.....	.....	.....
Stationery goods, not elsewhere specified.	1914	50	1,294	504	608	2,047	3,601	1914	4	558	1,179	267	297	992	
	1909	49	542	245	277	770	1,748	1909	4	572	924	271	318	1,004	
	1904	33	505	.....	224	660	1,387	1904	.....	.....	.....	.....	.....	.....
Statuary and art goods..	1914	56	710	291	595	344	1,496	1914	4	254	221	152	219	627	
	1909	50	371	50	354	188	875	1909	7	581	305	321	763	1,581	
	1904	41	388	.....	322	118	842	1904	.....	.....	.....	.....	.....	.....
Steam packing.....	1914	27	324	846	208	665	1,250	1914	108	1,644	2,113	1,255	1,858	4,491	
	1909	25	727	1,210	352	1,197	2,090	1909	59	1,488	1,779	961	2,060	4,084	
	1904	17	575	.....	263	553	1,524	1904	.....	.....	.....	.....	.....	.....
Stereotyping and electrotyping.	1914	37	974	1,481	978	716	2,508	1914	7	54	22	33	28	122	
	1909	34	790	1,180	771	547	1,961	1909	3	52	21	32	22	77	
	1904	28	677	.....	597	321	1,380	1904	.....	.....	.....	.....	.....	.....
Stoves and furnaces, including gas and oil stoves.	1914	18	686	1,642	528	815	1,919	1914	17	77	73	43	105	205	
	1909	23	1,123	2,596	746	1,605	3,106	1909	6	95	92	54	120	215	
	1904	15	355	.....	226	426	1,081	1904	.....	.....	.....	.....	.....	.....
Surgical appliances and artificial limbs.	1914	71	446	176	259	664	1,713	1914	4	354	3,445	356	1,088	3,028	
	1909	49	338	172	208	381	1,119	1909	6	430	1,411	374	950	4,237	
	1904	42	423	.....	239	243	873	1904	.....	.....	.....	.....	.....	.....
Tobacco manufactures..	1914	1,688	23,608	3,267	11,104	32,573	75,406	1914	24	429	2,071	340	878	1,572	
	1909	2,036	22,521	2,115	10,307	25,430	62,488	1909	27	602	1,165	447	932	1,783	
	1904	2,173	25,449	.....	10,958	19,522	50,525	1904	54	1,236	3,091	1,299	1,154	3,493
								1909	41	861	3,947	828	841	2,307	

¹ Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

² Includes "bookbinding and blank-book making," "engraving, steel, and copper plate, including plate printing," and "lithography."

³ Includes "sausage, not made in slaughtering and meat-packing establishments."

⁴ Includes "automobile repairing," "hardware," "steam fittings and steam and hot-water heating apparatus," and "structural ironwork, not made in steel works or rolling mills."

⁵ Includes "pocketbooks," "saddlery and harness," and "trunks and valises."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
BRONX BOROUGH—Continued.															
Millinery and lace goods.	1914	55	1,745	479	\$335	\$1,695	\$3,738	BROOKLYN BOROUGH—Continued.	1914	93	498	661	\$349	\$390	\$1,043
	1909	46	1,194	576	472	818	2,031	Carriages and wagons and materials.	1909	66	564	656	386	4399	41,114
	1904								1904	10 69	633		401	395	1,115
Mineral and soda waters	1914	16	60	54	38	77	178	Chemicals.....	1914	18	847	2,474	560	8,838	10,604
	1909	17	63	52	45	68	203		1909	19	982	3,151	703	8,401	10,827
	1904								1904	18	812		460	5,979	7,978
Musical instruments, pianos and organs and materials.	1914	49	2,635	2,249	1,650	4,475	7,635	Clocks and watchcases..	1914	5	1,249	993	590	1,009	2,743
	1909	54	2,674	2,016	1,780	3,676	7,604		1909	7	1,280	441	674	1,050	2,603
	1904								1904	11 5	260		192	669	978
Patent medicines and compounds and druggists' preparations.	1914	10	82	61	43	234	448	Clothing, men's, button-holes.	1914	30	139	62	60	11	103
	1909	8	74	61	36	217	395		1909	32	149	60	72	22	139
	1904								1904	28	159		56	20	113
Printing and publishing	1914	66	470	546	387	352	1,154	Clothing, men's, including shirts.	1914	523	15,313	2,811	6,933	6,795	18,174
	1909	42	198	152	142	183	666		1909	4 561	16,531	2,515	8,473	6,420	19,750
	1904								1904	377	9,300		3,913	2,777	9,050
Shipbuilding, including boat building.	1914	15	486	847	356	450	1,060	Clothing, women's.....	1914	425	8,604	1,728	3,798	5,233	12,124
	1909	12	512	456	420	344	1,056		1909	290	6,525	1,066	2,792	3,975	8,508
	1904								1904	153	3,319		1,222	1,632	3,620
Slaughtering and meat packing.	1914	10	35	161	29	759	925	Cooperage and wooden goods, not elsewhere specified.	1914	24	1,024	1,689	599	2,043	3,009
	1909	4	18	16	16	371	436		1909	17	991	995	443	2,023	3,062
	1904								1904	23	1,280		572	2,412	3,330
Tobacco, cigars and cigarettes.	1914	184	149	2	80	171	442	Copper, tin, and sheet-iron products.	1914	156	3,829	3,126	2,484	5,664	10,586
	1909	169	165		97	188	481		1909	135	3,127	1,987	1,876	3,766	7,493
	1904								1904	72	3,173		1,563	3,192	6,189
All other industries.....	1914	242	4,925	12,338	2,898	6,574	14,426	Cork, cutting.....	1914	17	947	822	376	1,207	1,921
	1909	139	2,703	6,018	1,445	3,579	8,432		1909	18	767	663	283	1,064	1,634
	1904								1904	8	432		101	260	493
BROOKLYN BOROUGH—All industries.	1914	6,096	140,881	197,571	81,910	298,269	515,303	Cotton goods, including cotton small wares.	1914	13 4	120	85	70	192	355
	1909	5,217	123,895	147,640	68,367	236,073	418,541		1909	4	184	144	85	168	347
	1904	4,182	104,995		54,535	230,809	373,463		1904						
Artificial flowers and feathers and plumes.	1914	19	78	16	30	62	127	Cutlery and tools, not elsewhere specified.	1914	19	165	128	91	160	500
	1909	10	77	6	20	27	66		1909	19	190	106	91	175	362
	1904	6	55		11	7	31		1904	5 18	95		58	45	156
Awnings, tents, and sails.	1914	35	90	38	50	151	286	Dyeing and finishing textiles.	1914	10	357	958	199	659	1,243
	1909	23	72	30	45	77	171		1909	11	375	597	172	271	716
	1904	8	46		26	43	83		1904	5	197		74	67	313
Boots and shoes, including cut stock and findings.	1914	93	7,304	3,688	4,637	9,344	18,135	Fancy articles, not elsewhere specified.	1914	14 45	807	688	392	673	1,523
	1909	81	5,878	1,951	3,277	6,727	12,759		1909	28	541	353	280	596	1,288
	1904	5 49	4,017		2,013	4,813	8,770		1904	6 17	303		139	208	491
Boxes, fancy and paper.	1914	46	4,238	3,315	1,650	3,313	7,224	Food preparations, not elsewhere specified.	1914	79	854	1,271	431	2,983	4,254
	1909	38	1,525	407	550	782	1,886		1909	36	454	643	171	1,064	1,697
	1904	27	1,737		593	776	2,089		1904	31	355		108	533	852
Brass, bronze, and copper products.	1914	49	2,151	2,360	1,364	3,070	6,260	Foundry and machine-shop products.	1914	15 572	12,446	17,543	9,376	11,887	35,236
	1909	43	1,240	1,074	721	1,418	3,176		1909	305	10,955	14,845	7,696	9,081	28,137
	1904	6 36	842		441	588	1,462		1904	15 263	11,404		7,335	8,994	26,078
Bread and other bakery products.	1914	874	4,678	2,583	3,419	11,289	19,511	Fur goods.....	1914	27	53	13	37	139	270
	1909	853	3,794	1,035	2,745	10,287	16,905		1909	17	351	103	160	705	1,193
	1904	767	3,471		2,242	7,472	12,453		1904	15	218		120	384	666
Brick, tile, pottery, and other clay products.	1914	9	426	590	214	132	466	Furniture and refrigerators.	1914	108	3,342	3,639	1,996	4,027	8,103
	1909	9	353	580	177	139	503		1909	79	2,433	2,422	1,467	2,857	5,750
	1904	11	452		195	138	533		1904	59	1,671		900	1,273	2,946
Brushes.....	1914	22	319	427	138	247	566	Furs, dressed.....	1914	27	841	934	513	476	1,592
	1909	23	395	435	182	482	890		1909	36	573	887	394	183	845
	1904								1904	24	416		306	81	575
Buttons.....	1914	11	114	122	50	49	127	Gas and electric fixtures and lamps and reflectors.	1914	28	680	573	417	611	1,582
	1909	6	142	45	50	89	186		1909	27	740	564	421	700	1,571
	1904								1904	5 19	571		286	484	1,108
Canning and preserving.	1914	22	699	570	397	2,899	3,831								
	1909	20	166	168	66	666	935								
	1904	14	236		93	860	1,108								
Carriages and sleds, children's.	1914	10	111	14	69	138	299								
	1909	5	40		26	101	147								
	1904	9	61		27	67	135								

1 Includes "perfumery and cosmetics."
 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 Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.
 5 Excludes statistics for three establishments, to avoid disclosure of individual operations.
 6 Excludes statistics for one establishment, to avoid disclosure of individual operations.
 7 Figures not available.
 8 Figures can not be shown without disclosing individual operations.
 9 Includes "canning and preserving, fish;" and "pickles, preserves, and sauces."
 10 Excludes statistics for four establishments, to avoid disclosure of individual operations.
 11 Excludes statistics for three establishments, to avoid disclosure of individual operations.
 12 Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."
 13 Includes "cotton lace."
 14 Includes "combs and hairpins, not made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."
 15 Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water motors;" "hardware;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
 16 Excludes statistics for five establishments, to avoid disclosure of individual operations.

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
BROOKLYN BOROUGH—Continued.															
Glass.....	1914	4	417	361	\$194	\$141	\$476	BROOKLYN BOROUGH—Continued.	1914	29	236	100	\$137	\$179	\$542
	1909	6	540	220	275	157	624	Signs and advertising novelties.	1909	7	99	41	57	49	160
	1904	7	935	.....	500	405	1,196		1904	.....	.....	.....	.....	.....
Glass, cutting, staining, and ornamenting.	1914	44	548	218	371	330	1,045	Silk goods, including throwsters.	1914	17	1,256	1,139	494	884	2,026
	1909	36	812	240	502	443	1,301		1909	19	1,521	1,611	561	1,200	2,419
	1904	28	619	.....	367	270	850		1904	18	1,758	.....	613	1,349	2,742
Hosiery and knit goods.	1914	193	5,516	2,107	2,385	6,068	12,739	Silverware and plated ware.	1914	13	439	440	259	294	862
	1909	119	3,940	1,806	1,771	5,144	9,350		1909	8	516	440	289	461	1,048
	1904	158	2,954	.....	1,093	2,102	4,132		1904	14	366	.....	217	225	585
House-furnishing goods, not elsewhere specified.	1914	16	216	164	115	478	754	Slaughtering and meat packing.	1914	63	760	1,916	670	15,227	17,225
	1909	9	118	80	50	206	350		1909	32	737	819	580	14,744	10,575
	1904	6	161	.....	77	219	396		1904	11	307	.....	246	6,759	7,600
Ice, manufactured.....	1914	15	279	8,658	254	383	1,032	Sporting and athletic goods.	1914	10	568	403	337	727	1,334
	1909	12	205	5,060	160	213	666		1909	10	215	97	118	274	612
	1904	8	99	.....	68	89	261		1904	15	357	.....	160	288	656
Ink, printing.....	1914	9	204	1,260	183	1,383	2,825	Stationery goods, not elsewhere specified.	1914	5	315	94	153	476	820
	1909	9	236	778	181	948	1,785		1909	5	92	16	38	130	249
	1904	.....	.....	.....	.....	.....	.....		1904	.....	.....	.....	.....	.....
Instruments, professional and scientific.	1914	23	717	349	530	746	2,273	Tobacco, cigars and cigarettes.	1914	459	2,279	448	1,003	3,053	10,034
	1909	19	278	355	162	153	522		1909	556	2,166	290	894	2,494	6,570
	1904	18	277	.....	164	123	420		1904	573	1,221	.....	609	930	2,418
Leather goods.....	1914	70	522	67	281	744	1,400	Window shades and fixtures.	1914	19	327	289	165	807	1,484
	1909	52	390	70	167	464	954		1909	12	184	95	100	1,177	1,513
	1904	43	242	.....	96	179	376		1904	9	420	.....	143	932	1,352
Leather, tanned, curried, and finished.	1914	8	331	709	195	1,728	2,603	Wirework, including wire rope and cable, not elsewhere specified.	1914	20	356	475	217	571	1,122
	1909	11	356	737	170	764	1,125		1909	17	461	403	275	455	1,020
	1904	12	468	.....	216	1,190	1,614		1904	22	478	.....	293	380	1,007
Liquors, malt.....	1914	23	2,152	14,314	1,762	4,891	15,680	Wood, turned and carved.	1914	23	74	122	43	61	164
	1909	29	1,708	9,120	1,468	3,694	14,660		1909	19	349	385	140	273	610
	1904	35	1,745	.....	1,386	3,346	12,541		1904	16	63	.....	40	83	168
Looking-glass and picture frames.	1914	21	95	26	47	139	286	All other industries.....	1914	736	32,514	72,800	18,156	141,508	198,804
	1909	21	249	209	133	271	604		1909	590	28,910	56,451	14,715	108,618	161,769
	1904	11	68	.....	31	79	153		1904	560	33,362	.....	17,013	145,715	198,595
Lumber and timber products.	1914	79	2,973	7,674	1,755	5,142	8,677	MANHATTAN BOROUGH—All industries.	1914	21,087	385,902	231,076	230,217	760,628	1,510,143
	1909	85	3,764	9,445	2,260	6,801	10,953	Artificial stone products	1909	18,832	384,858	193,903	228,096	704,400	1,394,705
	1904	69	3,817	.....	2,001	4,666	10,156		1914	7	102	28	96	80	271
Marble and stone work.	1914	69	681	1,926	608	840	2,139		1909	7	91	15	83	65	171
	1909	74	967	1,953	877	1,129	2,786	Automobiles, including bodies and parts.	1914	94	1,438	1,734	1,014	3,210	5,568
	1904	51	970	.....	742	763	2,186		1909	52	1,795	1,186	1,430	2,243	5,488
Mattresses and spring beds.	1914	43	719	296	437	1,168	2,010	Awnings, tents, and sails.	1914	77	514	168	371	856	1,711
	1909	33	228	161	123	415	751		1909	49	391	234	262	716	1,357
	1904	19	160	.....	80	233	429	Babbitt metal and solder.	1914	11	94	46	67	1,423	1,950
Millinery and lace goods.	1914	82	1,810	679	338	1,714	3,361		1909	11	71	21	58	1,687	2,270
	1909	57	1,601	275	626	1,481	2,926	Bags, other than paper.	1914	14	719	261	301	4,284	5,000
	1904	28	826	.....	270	431	1,009		1909	11	577	202	211	2,480	3,019
Mineral and soda waters.	1914	71	265	291	171	293	753	Baskets, and rattan and willow ware.	1914	21	152	42	81	141	330
	1909	79	352	261	206	290	847		1909	19	169	8	96	145	358
	1904	69	379	.....	204	262	810	Belting, leather.....	1914	18	175	1,233	120	1,518	2,275
Mirrors, framed and unframed.	1914	11	209	280	123	292	550		1909	15	185	722	118	1,383	2,730
	1909	6	153	196	87	184	362	Blackening and cleansing and polishing preparations.	1914	44	152	138	82	467	956
	1904	4	105	.....	41	103	197		1909	49	347	206	152	524	1,609
Musical instruments, pianos and organs and materials.	1914	6	179	205	132	331	587	Boxes, cigar.....	1914	15	972	616	448	704	1,409
	1909	8	319	437	175	357	659		1909	21	1,179	899	526	843	1,705
	1904	.....	.....	.....	.....	.....	.....	Brass, bronze, and copper products.	1914	88	1,624	1,571	977	1,889	3,924
Paint and varnish.....	1914	64	1,784	8,857	1,205	11,667	18,496		1909	110	2,212	1,841	1,316	2,378	5,279
	1909	63	1,636	5,627	999	10,430	15,743	Bread and other bakery products.	1914	1,126	12,269	6,017	7,550	24,534	48,021
	1904	55	1,786	.....	1,037	11,288	15,548		1909	1,124	10,234	5,324	6,603	23,791	38,739
Patent medicines and compounds and druggists' preparations.	1914	78	1,105	1,574	624	4,184	7,985	Brushes.....	1914	54	706	206	353	975	1,986
	1909	69	736	1,267	341	2,343	5,071		1909	52	731	133	335	898	1,772
	1904	59	444	.....	237	926	2,876	Canning and preserving.	1914	53	631	884	340	2,522	3,953
Printing and publishing.	1914	348	5,740	5,676	3,972	4,611	14,747		1909	43	838	971	1,419	2,772	4,505
	1909	305	6,483	5,209	4,001	5,226	14,628		.....	.....	.....	.....	.....	.....
	1904	225	4,446	.....	2,625	2,813	9,097		.....	.....	.....	.....	.....	.....
Shipbuilding, including boat building.	1914	25	2,882	9,733	2,805	2,528	7,682		.....	.....	.....	.....	.....	.....
	1909	22	2,180	6,057	1,368	1,280	4,531		.....	.....	.....	.....	.....	.....
	1904	30	747	.....	519	503	1,428		.....	.....	.....	.....	.....	.....

1 Excludes statistics for one establishment, to avoid disclosure of individual operations.

2 Figures not available.

3 Includes "pocketbooks;" "saddlery and harness;" and "trunks and valises."

4 Excludes statistics for two establishments, to avoid disclosure of individual operations.

5 Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."

6 Includes "perfumery and cosmetics."

7 Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithography."

8 Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

9 Includes "sausage, not made in slaughtering and meat-packing establishments."

10 Figures can not be shown without disclosing individual operations.

11 Includes "canning and preserving, fish;" "canning and preserving, fruits and vegetables;" and "pickles, preserves, and sauces."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mater- ials.	Value of prod- ucts.	INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mater- ials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
MANHATTAN BOR- OUGH—Continued.								MANHATTAN BOR- OUGH—Continued.							
Card cutting and de- signing.	1914 1909	18 20	162 254	82 95	\$81 107	\$123 152	\$315 477	Hat and cap materials..	1914 1909	50 26	678 494	491 390	\$349 251	\$2,049 1,320	\$2,927 1,970
Carriages and wagons and materials.	1914 1909	115 95	792 1,103	1,193 1,096	588 769	543 957	1,670 2,546	Hats and caps, other than felt, straw, and wool.	1914 1909	245 205	3,441 2,653	532 264	2,265 1,648	4,633 3,184	9,328 6,400
Cars and general shop construction and re- pairs by electric-rail- road companies.	1914 1909	4 6	1,878 1,824	2,579 750	1,351 1,256	1,856 1,536	3,513 3,127	Hats, fur-felt.....	1914 1909	22 26	504 570	132 198	398 366	1,227 1,271	2,068 2,108
Clocks and watches, in- cluding cases and in- struments.	1914 1909	22 13	99 137	74 49	73 112	133 128	405 432	Ice, manufactured.....	1914 1909	17 11	420 290	10,598 6,521	367 235	583 394	1,637 1,208
Clothing, men's, but- tonholes.	1914 1909	45 49	188 329	67 49	100 170	27 43	201 347	Instruments, profes- sional and scientific.	1914 1909	39 37	343 313	381 203	250 206	227 236	901 672
Clothing, men's, includ- ing shirts.	1914 1909	1,682 1,945	39,687 49,915	6,090 4,737	22,915 29,208	86,316 105,927	170,075 197,826	Jewelry.....	1914 1909	488 414	4,313 4,824	1,726 1,351	3,393 3,482	9,090 9,348	18,308 18,305
Clothing, women's.....	1914 1909	3,268 2,687	95,659 87,188	13,390 9,327	58,850 50,382	175,122 140,034	326,881 256,169	Jewelry and instrument cases.	1914 1909	57 54	593 600	176 92	333 372	436 503	1,199 1,285
Coffee and spice, roast- ing and grinding.	1914 1909	74 50	1,006 745	2,777 2,321	525 371	11,496 7,006	15,604 9,644	Leather goods.....	1914 1909	7357 321	5,483 5,668	1,068 761	3,103 3,100	8,998 9,287	16,138 16,237
Coffins, burial cases, and undertakers' goods.	1914 1909	11 11	379 316	522 375	220 179	1,028 748	1,607 1,232	Liquors, malt.....	1914 1909	21 30	3,478 3,242	22,639 19,285	3,246 2,727	9,218 7,281	34,665 30,175
Copper, tin, and sheet- iron products.	1914 1909	248 271	2,952 3,827	2,257 2,225	1,853 2,457	3,998 4,484	8,226 9,604	Lumber and timber products.	1914 1909	133 140	2,159 2,620	6,820 5,861	1,498 1,793	2,959 4,245	6,096 8,004
Cordials and flavoring sirups.	1914 1909	28 25	153 142	71 48	85 79	737 767	1,254 1,280	Marble and stone work..	1914 1909	65 55	507 1,112	1,723 2,383	377 1,035	588 1,958	1,433 4,091
Corsets.....	1914 1909	45 35	2,137 1,960	421 378	943 839	2,107 2,039	5,047 4,290	Mattresses and spring beds.	1914 1909	84 85	681 860	498 687	446 525	1,604 2,123	2,626 3,505
Cotton goods, including cotton small wares.	1914 1909	8 5	74 51	138 19	45 21	251 202	398 364	Millinery and lace goods	1914 1909	1,083 775	21,095 17,404	3,259 2,396	10,606 8,218	33,070 24,277	63,424 45,885
Cutlery and tools, not elsewhere specified.	1914 1909	43 48	539 389	298 260	306 265	531 280	1,276 968	Mineral and soda waters	1914 1909	163 130	1,122 1,081	1,030 929	724 670	1,200 1,043	3,200 3,136
Dental goods.....	1914 1909	25 8	267 190	230 150	164 107	1,697 1,058	2,202 1,394	Models and patterns, not including paper pat- terns.	1914 1909	77 74	774 700	528 395	472 459	620 451	1,994 1,745
Dyeing and finishing textiles.	1914 1909	68 50	1,892 1,731	2,779 1,032	1,088 599	2,897 2,054	5,922 4,106	Mucilage and paste.....	1914 1909	9 6	31 22	54 41	21 15	178 83	276 156
Electrical machinery, apparatus, and sup- plies.	1914 1909	115 127	3,180 4,298	2,682 2,682	1,810 2,682	4,843 4,422	9,930 10,431	Musical instruments, pianos and organs and materials.	1914 1909	61 166	4,947 4,169	2,969 2,578	3,108 2,896	6,523 8,072	13,809 14,650
Engraving and diesink- ing.	1914 1909	149 69	276 295	124 148	200 197	64 68	611 567	Oil, not elsewhere speci- fied.	1914 1909	15 13	48 55	121 148	34 50	865 796	1,160 1,231
Engraving, wood.....	1914 1909	19 23	56 75	5 10	35 65	11 33	100 189	Optical goods.....	1914 1909	36 20	408 256	203 131	244 135	497 179	1,141 546
Fancy articles, not else- where specified.	1914 1909	192 121	2,391 1,723	702 545	1,120 799	3,545 1,941	6,761 4,389	Paint and varnish.....	1914 1909	28 22	352 315	495 681	240 218	1,389 1,418	2,677 2,318
Flavoring extracts.....	1914 1909	53 56	174 144	112 52	82 81	864 605	1,440 1,164	Patent medicines and compounds and drug- gists' preparations.	1914 1909	401 346	2,452 2,129	1,518 1,369	1,247 1,057	6,749 5,936	19,323 17,911
Foundry and machine- shop products.	1914 1909	1,081 507	10,325 8,902	12,057 9,552	7,919 6,203	11,076 9,313	28,270 23,334	Pens, fountain, stylo- graphic, and gold.	1914 1909	27 25	704 663	292 177	468 389	971 1,460	5,075 3,017
Furnishing goods, men's	1914 1909	275 297	5,401 5,812	637 431	3,017 2,828	14,346 15,058	23,566 24,640	Photo-engraving.....	1914 1909	62 46	1,471 1,187	464 275	1,609 1,195	776 490	3,686 2,517
Furniture and refrigera- tors.	1914 1909	352 307	4,977 5,507	3,959 3,933	3,540 3,584	5,232 5,299	13,014 12,512	Photographic apparatus and materials.	1914 1909	31 16	639 139	248 59	453 80	753 185	1,977 460
Gas and electric fixtures and lamps and reflect- ors.	1914 1909	109 116	2,644 3,918	1,647 2,223	1,767 2,369	3,269 3,501	7,287 8,845	Printing and publishing	1914 1909	2,708 2,483	41,788 41,307	41,344 32,214	34,036 30,757	50,976 40,878	198,782 167,510
Glass, cutting, staining, and ornamenting.	1914 1909	65 66	689 1,117	291 266	437 783	552 639	1,515 1,978	Rubber goods, not else- where specified.	1914 1909	19 28	275 262	41 72	133 160	380 768	681 1,305
Gloves and mittens, leather.	1914 1909	27 33	471 374	47 17	222 183	458 260	900 613	Shipbuilding, including boat building.	1914 1909	5 10	204 230	660 389	176 162	324 222	808 547
Gold and silver, leaf and foil.	1914 1909	12 15	112 237	39 20	71 145	299 336	440 610	Show cases.....	1914 1909	12 9	160 138	168 139	91 74	160 125	351 314

1 Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.
 2 Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."
 3 Includes "cotton lace."
 4 Includes "combs and hairpins not made from metal or rubber" and "ivory, shell, and bone work, not including combs and hairpins."
 5 Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water meters;" "hardware;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
 6 Includes "collars and cuffs, men's" and "suspenders, garters, and elastic woven goods."
 7 Includes "pocketbooks;" "saddlery and harness;" and "trunks and valises."
 8 Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."
 9 Includes "perfumery and cosmetics."
 10 Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithographing."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.			INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.							
					Cost of mate- rials.	Value of prod- ucts.	Expressed in thousands.						Cost of mate- rials.	Value of prod- ucts.	Expressed in thousands.					
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																				
ROCHESTER—Con.																				
Boxes and cartons, paper.	1914	19	822	763	\$380	\$588	\$1,268	ROCHESTER—Con.	1914	5	37	168	\$21	\$73	\$123					
	1909	15	704	303	253	471	966	Mattresses and spring beds.	1909	4	17	25	8	60	88					
	1904	13	843	.....	259	267	836		1904	3	23	.....	10	1	63					
Brass and bronze products.	1914	7	106	148	65	295	430	Mineral and soda waters	1914	16	59	80	40	65	156					
	1909	4	225	301	110	348	569		1909	11	41	50	26	43	130					
	1904	13	92	.....	47	154	239		1904	9	38	.....	20	23	95					
Bread and other bakery products.	1914	136	684	667	450	1,651	2,718	Musical instruments, pianos and organs and materials.	1914	4	63	153	45	176	304					
	1909	110	417	258	297	1,359	2,109		1909	4	104	168	63	120	234					
	1904	79	295	.....	173	712	1,145		1904	3	103	.....	43	90	198					
Buttons.....	1914	4	1,076	1,267	571	445	1,640	Patent medicines and compounds and druggists' preparations.	1914	6	98	96	44	320	783					
	1909	4	1,423	1,126	538	529	1,821		1909	32	116	83	48	324	831					
	1904	3	399	.....	146	123	527		1904	31	170	.....	65	327	738					
Carriages and wagons and materials.	1914	18	121	106	99	75	226	Printing and publishing	1914	7	128	2,114	2,762	1,476	2,190	6,686				
	1909	17	522	420	380	504	1,177		1909	123	1,873	2,241	1,172	1,629	5,128					
	1904	16	639	.....	377	560	1,230		1904	1	90	1,755	.....	984	1,128	3,734				
Clothing, men's.....	1914	148	8,585	1,235	4,626	8,724	19,760	Sausage, not made in slaughtering and meat-packing establishments.	1914	11	16	59	9	115	140					
	1909	196	7,732	1,007	3,809	8,682	18,879		1909	15	25	129	14	112	158					
	1904	239	6,161	.....	2,545	6,982	14,949		1904	10	22	.....	13	54	89					
Coffee, roasting and grinding.	1914	4	10	37	9	92	129	Tobacco manufactures..	1914	85	158	21	91	193	474					
	1909	6	113	192	43	511	673		1909	94	209	15	108	189	512					
	1904	3	86	.....	36	362	493		1904	100	661	.....	222	908	2,235					
Confectionery.....	1914	18	427	550	199	685	1,499	Typewriters and supplies.	1914	7	69	139	59	229	935					
	1909	16	606	441	228	1,016	1,927		1909	8	64	171	42	202	591					
	1904	8	573	.....	187	658	1,513		1904	8	59	.....	38	91	335					
Cutlery and tools, not elsewhere specified.	1914	9	85	406	63	44	152	All other industries.....	1914	296	15,756	26,679	9,818	22,401	60,727					
	1909	11	100	648	66	35	162		1909	255	11,326	16,054	6,697	15,948	40,733					
	1904	10	89	.....	46	46	122		1904	243	8,590	.....	3,960	11,903	26,332					
Electrical machinery, apparatus, and supplies.	1914	7	977	1,513	649	760	2,459	SCHENECTADY--	1914	185	17,707	61,584	\$12,813	\$22,521	\$48,763					
	1909	9	716	1,283	480	811	1,677	All industries.	1909	134	14,931	49,181	10,002	21,952	38,165					
	1904	5	1,185	.....	548	854	2,078		1904	103	14,316	.....	9,382	16,497	33,084					
Flour-mill and gristmill products.	1914	10	128	2,637	98	3,795	4,352	Bread and other bakery products.	1914	36	143	123	100	402	590					
	1909	10	110	2,798	75	3,066	3,781		1909	27	102	39	69	263	408					
	1904	10	107	.....	66	2,940	3,222		1904	23	94	.....	54	160	314					
Food preparations, not elsewhere specified.	1914	9	39	101	18	104	177	Lumber, planing-mill products, not including planing mills connected with sawmills.	1914	3	54	233	41	167	236					
	1909	6	27	42	13	68	116		1909	5	84	394	52	218	316					
	1904	3	6	.....	2	49	71		1904	3	116	.....	68	275	559					
Foundry and machine-shop products.	1914	2	2,585	4,451	1,893	2,190	8,007	Marble and stone work..	1914	4	20	83	20	25	60					
	1909	89	2,365	2,618	1,619	1,967	5,744		1909	4	58	108	28	57	120					
	1904	1	1,737	.....	1,025	1,266	3,366		1904	3	54	.....	35	33	87					
Fur goods.....	1914	6	93	37	65	76	237	Mineral and soda waters	1914	9	21	26	15	31	63					
	1909	7	88	30	51	112	406		1909	8	24	36	13	25	80					
	1904	4	66	.....	35	44	133		1904	4	13	.....	9	5	27					
Furnishing goods, men's	1914	3	219	40	97	479	714	Printing and publishing	1914	8	364	501	245	266	827					
	1909	6	277	34	89	494	784		1909	18	219	299	145	173	550					
	1904	1	190	.....	60	284	504		1904	1	80	.....	63	55	208					
Furniture.....	1914	29	1,711	2,517	1,041	1,191	3,459	Tobacco manufactures..	1914	25	39	.....	20	30	79					
	1909	27	1,465	1,943	915	1,210	3,087		1909	20	59	.....	26	41	101					
	1904	18	1,403	.....	742	849	2,365		1904	22	72	.....	41	36	113					
Gas and electric fixtures and lamps and reflectors.	1914	9	350	777	208	339	717	All other industries.....	1914	83	17,066	60,618	12,372	21,600	46,908					
	1909	8	591	426	269	558	1,106		1909	52	14,391	48,305	9,669	21,175	36,595					
	1904	4	305	.....	121	271	679		1904	35	13,887	.....	9,112	15,833	31,776					
Glass, cutting, staining, and ornamenting.	1914	8	92	72	55	225	335	SYRACUSE—All industries.	1914	742	17,551	26,109	11,031	23,751	52,164					
	1909	5	39	.....	27	50	104		1909	738	15,148	20,796	10,422	21,776	49,435					
	1904	3	18	.....	6	7	29		1904	637	14,554	.....	7,116	16,082	34,687					
Liquors, malt.....	1914	8	508	3,171	442	994	4,279	Boxes, fancy and paper.	1914	4	187	108	62	117	216					
	1909	8	391	1,301	309	732	3,012		1909	4	164	53	49	87	164					
	1904	9	305	.....	225	604	2,174		1904	4	132	.....	34	54	121					
Looking-glass and picture frames.	1914	6	96	78	65	30	136	Brass, bronze, and copper products.	1914	12	142	218	101	368	597					
	1909	9	178	107	106	95	281		1909	10	203	164	131	387	683					
	1904	11	271	.....	128	82	369		1904	1	98	.....	48	149	253					
Lumber and timber products.	1914	27	845	3,495	556	1,185	2,194	Bread and other bakery products.	1914	87	562	336	352	1,330	2,353					
	1909	22	981	2,935	511	1,485	2,455		1909	83	401	267	240	1,072	1,832					
	1904	28	861	.....	434	1,054	1,949		1904	53	298	.....	153	726	1,289					
Marble and stone work.	1914	8	63	195	42	58	146													
	1909	4	78	180	75	76	196													
	1904	3	53	.....	49	68	142													

¹ Excludes statistics for one establishment, to avoid disclosure of individual operations.
² Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water meters;" "hardware;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
³ Includes "suspenders, garters, and elastic woven goods."
⁴ Excludes statistics for two establishments, to avoid disclosure of individual operations.
⁵ Includes "boxes, wooden packing;" and "lumber, planing-mill products, not including planing mills connected with sawmills."
⁶ Includes "perfumery and cosmetics."
⁷ Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "l

MANUFACTURES.

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
SYRACUSE—Contd.								TROY—Continued.							
Candles.....	1914	5	306	139	\$144	\$822	\$1,287	Brushes.....	1914	15	362	485	\$191	\$380	\$804
	1909	5	275	107	104	688	1,092		1909	18	564	380	274	345	959
	1904	4	241	.....	89	645	894		1904	15	691	.....	208	243	659
Carriages and wagons and materials.	1914	12	209	419	155	193	447	Collars and cuffs, men's.	1914	15	8,968	3,388	3,981	5,752	16,703
	1909	13	245	293	170	268	593		1909	21	9,776	2,419	4,049	4,780	13,139
	1904	11	321	.....	187	294	638		1904	21	9,423	.....	3,307	4,249	11,272
Clothing, men's.....	1914	39	1,254	232	550	1,304	2,498	Foundry and machine- shop products.	1914	25	820	1,231	558	642	1,914
	1909	59	1,630	161	694	1,718	3,461		1909	28	883	1,446	597	710	1,953
	1904	52	1,308	.....	512	1,603	3,082		1904	23	934	.....	554	677	1,803
Confectionery.....	1914	7	90	385	38	302	427	Liquors, malt.....	1914	8	292	1,996	277	833	2,764
	1909	7	172	177	63	329	498		1909	10	320	1,382	243	649	2,406
	1904	5	116	.....	43	241	350		1904	9	300	.....	212	614	2,128
Copper, tin, and sheet- iron products.	1914	10	605	446	397	852	1,450	Printing and publishing	1914	5	326	363	234	238	915
	1909	9	339	298	203	681	1,091		1909	33	312	439	204	248	969
	1904	10	106	.....	52	86	215		1904	31	345	.....	206	176	782
Food preparations, not elsewhere specified.	1914	11	252	437	131	1,008	1,524	Shirts.....	1914	8	2,555	1,070	1,089	2,523	4,999
	1909	11	157	320	70	615	1,105		1909	11	3,475	1,136	1,432	3,337	6,976
	1904	8	120	.....	48	367	657		1904	9	2,588	.....	860	1,903	4,264
Foundry and machine- shop products	1914	2	2,044	3,081	1,381	1,673	4,502	Tobacco manufactures..	1914	35	192	2	112	147	384
	1909	72	2,728	3,594	1,518	2,276	5,691		1909	37	281	.....	166	245	570
	1904	58	1,967	.....	986	1,324	3,519		1904	43	296	.....	156	214	533
Furniture.....	1914	15	395	643	228	247	674	All other industries.....	1914	183	3,337	10,585	1,995	6,131	9,934
	1909	17	366	500	197	286	662		1909	164	3,963	11,458	2,204	5,725	10,454
	1904	18	457	.....	241	337	778		1904	110	4,147	.....	2,162	5,149	9,467
Hosiery and knit goods.	1914	5	389	340	133	488	846	UTICA—All indus- tries.	1914	306	12,714	25,044	6,545	16,853	30,490
	1909	5	333	330	131	587	969		1909	317	13,153	21,874	5,964	16,646	31,199
	1904	5	470	.....	104	608	872		1904	333	10,882	.....	4,477	12,774	22,880
Liquors, malt.....	1914	7	369	2,270	314	883	3,533	Bread and other bakery products.	1914	38	150	118	100	383	614
	1909	8	271	1,783	253	680	2,460		1909	46	135	58	79	345	511
	1904	8	253	.....	188	557	1,960		1904	38	117	.....	58	250	405
Lumber and timber products.	1914	3	255	1,131	182	492	873	Clothing, men's.....	1914	16	1,217	412	607	1,275	2,656
	1909	18	316	1,059	183	649	1,003		1909	24	1,392	475	651	1,611	3,079
	1904	10	229	.....	116	341	572		1904	50	1,304	.....	515	1,598	2,943
Patent medicines and compounds and drug- gists' preparations.	1914	28	56	74	25	116	328	Foundry and machine- shop products.	1914	10	303	433	203	378	706
	1909	24	140	239	64	239	350		1909	21	932	1,231	496	1,298	2,192
	1904	14	13	.....	4	35	118		1904	28	1,205	.....	637	1,177	2,708
Printing and publishing	1914	8	837	1,069	624	732	2,459	Gas and electric fixtures	1914	3	56	93	37	42	107
	1909	84	723	821	444	611	2,032		1909	3	89	105	46	98	184
	1904	67	576	.....	336	368	1,479		1904	3	47	.....	21	46	91
Slaughtering and meat packing.	1914	4	44	129	27	325	381	Hosiery and knit goods.	1914	16	4,908	6,298	2,145	5,535	9,476
	1909	4	42	90	27	208	290		1909	15	4,563	3,625	1,751	4,605	8,054
	1904	.....	.....	.....	.....	.....	.....		1904	15	3,208	.....	1,069	3,390	5,261
Tobacco manufactures..	1914	72	329	47	178	242	612	Liquors, malt.....	1914	5	207	1,286	199	905	1,935
	1909	80	454	58	247	403	941		1909	5	172	794	127	351	1,393
	1904	84	457	.....	222	264	784		1904	5	118	.....	99	263	333
All other industries.....	1914	251	9,226	14,605	6,009	12,257	27,157	Printing and publishing	1914	29	386	498	226	246	982
	1909	225	9,139	10,482	5,634	9,992	24,018		1909	27	295	533	186	222	861
	1904	219	7,392	.....	3,753	8,083	17,106		1904	4	299	.....	172	168	735
TROY—All industries	1914	364	17,421	19,483	8,768	17,618	39,930	Slaughtering and meat packing.	1914	3	13	55	10	97	123
	1909	365	20,102	18,997	9,440	16,697	39,293		1909	3	14	55	11	141	167
	1904	311	19,114	.....	7,853	13,746	31,861		1904	3	21	.....	11	158	198
Boxes, fancy and paper.	1914	6	333	221	140	214	469	Tobacco manufactures..	1914	37	119	65	73	129	387
	1909	7	348	255	155	179	434		1909	43	161	64	86	169	453
	1904	4	219	.....	81	81	235		1904	47	179	.....	90	124	403
Bread and other bakery products.	1914	38	236	222	191	758	1,144	All other industries.....	1914	139	5,355	15,836	2,945	7,863	13,385
	1909	36	171	82	116	479	724		1909	130	5,400	14,934	2,531	7,806	14,275
	1904	37	171	.....	107	440	718		1904	115	4,384	.....	1,805	5,600	9,202

¹ Excludes statistics for one establishment, to avoid disclosure of individual operations.

² Includes "automobile repairing;" "engines, steam, gas, and water;" "hardware;" "hardware, saddlery;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."

³ Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens."

⁴ Excludes statistics for two establishments, to avoid disclosure of individual operations.

⁵ Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithographing."

⁶ Includes "sausage, not made in slaughtering and meat-packing establishments."

⁷ Figures can not be shown without disclosing individual operations.

⁸ Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with figures for 1914.

⁹ Includes "automobile repairing;" "bells;" and "structural ironwork, not made in steel works or rolling mills."

¹⁰ Includes "automobile repairing;" "hardware;" "plumbers' supplies, not elsewhere specified;" and "structural ironwork, not made in steel works or rolling mills."

TABLE 77.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
YONKERS—All industries.	1914	186	12,650	20,329	\$6,455	\$52,108	\$67,223	YONKERS—Contd. Foundry and machine-shop products.	1914	15	1,295	3,965	\$906	\$1,691	\$3,648
	1909	158	12,711	16,978	6,726	43,202	59,334		1909	10	1,346	1,952	925	1,057	2,837
	1904	106	9,779	.....	4,519	23,330	33,549		1904	9	855	.....	457	1,241	2,212
Bread and other bakery products.	1914	36	117	45	89	261	489	Printing and publishing	1914	22	114	118	109	73	560
	1909	28	125	13	89	327	598		1909	18	103	91	74	68	280
	1904	18	100	.....	67	243	395		1904	9	79	.....	53	31	151
Copper, tin, and sheet-iron work.	1914	16	59	14	42	50	118	All other industries.....	1914	97	11,065	16,187	5,309	50,033	62,408
	1909	13	34	3	26	25	75		1909	89	11,103	14,919	5,612	41,725	55,544
	1904	5	63	.....	45	51	126		1904	65	8,682	.....	3,897	21,764	30,665

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

AMSTERDAM	1914	117	10,774	16,278	\$4,998	\$13,149	\$22,475	MIDDLETOWN	1914	77	1,989	3,384	\$1,073	\$2,574	\$4,443
	1909	97	10,284	11,745	4,823	13,195	22,449		1909	59	1,733	2,548	902	2,905	4,658
	1904	89	7,993	.....	3,179	8,853	15,007		1904	50	1,596	.....	740	1,955	3,356
AUBURN	1914	123	5,769	15,033	3,578	9,790	16,686	MOUNT VERNON	1914	133	1,346	1,777	842	1,284	3,167
	1909	140	6,497	15,455	3,157	8,937	15,961		1909	90	1,207	1,610	802	1,286	3,376
	1904	111	6,660	.....	2,867	8,244	13,421		1904	54	670	.....	426	784	1,877
BATAVIA	1914	57	2,457	5,006	1,321	2,423	5,340	NEW ROCHELLE	1914	61	870	781	567	853	1,736
	1909	59	2,007	3,204	900	1,781	4,401		1909	42	735	620	432	814	1,669
	1904	51	1,603	.....	753	1,784	3,589		1904	28	517	.....	342	462	1,103
BEACON	1914	41	1,806	3,797	958	1,742	3,520	NEWBURGH	1914	128	4,318	6,954	2,204	5,274	9,987
	1909	.....	.....	.....	.....	.....	.....		1909	103	4,198	4,027	2,093	4,706	9,651
	1904	.....	.....	.....	.....	.....	.....		1904	79	4,013	.....	1,789	3,276	7,036
COHOES	1914	106	5,781	18,495	2,792	6,570	11,706	NIAGARA FALLS	1914	156	9,390	139,085	6,164	25,425	44,817
	1909	101	8,127	14,181	3,357	7,106	13,518		1909	156	6,089	95,792	3,588	14,271	28,652
	1904	98	6,910	.....	2,707	6,284	10,290		1904	85	4,574	.....	2,348	9,192	16,916
CORNING	1914	58	2,203	2,521	1,473	1,533	3,954	NOETH TONAWANDA	1914	74	3,574	11,784	1,956	6,085	10,040
	1909	45	2,074	1,486	1,038	864	3,050		1909	81	2,824	15,888	1,582	6,389	9,600
	1904	57	2,355	.....	1,148	1,075	3,084		1904	38	2,025	.....	994	4,534	6,499
CORTLAND	1914	59	2,459	9,226	1,474	3,559	6,438	OGDENSBURG	1914	71	898	2,734	417	2,103	3,401
	1909	51	2,356	6,661	1,302	3,574	6,395		1909	75	1,259	3,404	517	3,508	4,948
	1904	53	2,282	.....	1,117	2,598	4,574		1904	55	929	.....	341	2,263	3,057
DUNKIRK	1914	62	2,989	7,250	2,108	4,064	8,367	OLEAN	1914	53	2,633	6,470	1,866	10,055	11,577
	1909	57	2,756	5,194	1,414	3,208	6,576		1909	54	2,259	5,202	1,339	7,728	10,005
	1904	38	3,305	.....	2,003	4,749	9,909		1904	41	1,175	.....	624	3,297	4,677
ELMIRA	1914	145	4,870	9,725	2,889	5,987	12,597	ONEONTA	1914	36	1,337	2,107	778	1,239	2,373
	1909	154	3,647	6,672	1,882	3,590	8,067		1909	.....	.....	.....	.....	.....	.....
	1904	142	3,208	.....	1,465	3,001	6,308		1904	.....	.....	.....	.....	.....	.....
FULTON	1914	51	3,042	24,690	1,736	5,940	9,572	OSSINING	1914	32	373	760	226	424	1,120
	1909	45	2,799	17,963	1,298	4,857	7,867		1909	34	356	986	243	466	1,329
	1904	.....	.....	.....	.....	.....	.....		1904	.....	.....	.....	.....	.....	.....
GENEVA	1914	52	1,692	2,947	1,054	3,285	5,241	OSWEGO	1914	76	4,331	10,050	2,216	8,057	12,650
	1909	56	1,526	2,705	792	2,991	5,154		1909	81	3,817	9,753	1,813	6,103	10,413
	1904	54	1,580	.....	805	2,996	4,952		1904	77	3,746	.....	1,462	4,717	7,592
GLENS FALLS	1914	82	2,532	19,727	1,286	3,544	6,535	PEEKSKILL	1914	53	1,781	6,233	1,075	3,043	8,301
	1909	68	2,774	6,772	1,223	2,309	4,877		1909	52	2,063	3,133	1,241	2,942	7,940
	1904	49	2,052	.....	721	1,292	2,825		1904	46	1,957	.....	1,025	2,282	7,252
GLOVERSVILLE	1914	211	5,335	4,790	2,577	7,865	13,384	PLATTSBURG	1914	39	822	5,207	479	1,083	1,884
	1909	187	5,741	6,163	2,791	8,062	14,171		1909	41	1,049	5,739	513	1,745	3,138
	1904	180	5,048	.....	2,031	5,252	9,341		1904	39	750	.....	328	510	1,057
HORNELL	1914	46	2,285	3,680	1,203	2,260	4,848	PORT CHESTER	1914	50	2,278	3,144	1,071	4,365	6,741
	1909	45	2,183	3,349	1,048	1,878	3,648		1909	34	2,122	3,175	1,040	4,554	6,243
	1904	45	2,200	.....	974	1,464	3,163		1904	.....	.....	.....	.....	.....	.....
HUDSON	1914	48	1,423	1,839	735	2,225	3,737	POUGHKEEPSIE	1914	176	4,729	6,633	2,284	6,115	12,791
	1909	45	1,302	1,515	576	2,063	3,507		1909	110	3,268	3,151	1,644	3,815	9,037
	1904	48	1,524	.....	696	2,078	4,116		1904	108	3,775	.....	1,641	3,533	7,207
ITHACA	1914	74	815	3,262	509	853	2,244	RENSSELAER	1914	32	811	1,227	558	1,423	2,755
	1909	81	873	3,045	439	840	1,920		1909	33	763	1,263	364	1,166	2,296
	1904	67	873	.....	424	819	2,080		1904	.....	.....	.....	.....	.....	.....
JAMESTOWN	1914	162	7,794	13,284	4,585	8,896	17,961	ROME	1914	95	3,937	12,933	2,038	12,463	16,730
	1909	156	6,789	11,679	3,305	7,384	14,720		1909	119	3,633	8,844	1,851	10,203	14,423
	1904	149	5,237	.....	2,235	4,251	10,350		1904	89	3,209	.....	1,392	5,694	8,631
JOHNSTOWN	1914	126	2,532	3,107	1,220	3,841	6,789	SARATOGA SPRINGS	1914	51	869	1,422	494	1,416	2,893
	1909	138	2,589	3,410	1,175	3,925	6,574		1909	39	833	1,718	464	883	2,337
	1904	100	2,426	.....	943	2,561	4,543		1904	35	590	.....	284	702	1,709
KINGSTON	1914	118	3,076	4,727	1,334	2,940	6,445	WATERTOWN	1914	91	3,148	13,458	1,835	5,109	9,284
	1909	99	3,281	4,648	1,366	2,582	5,986		1909	107	3,291	13,543	1,798	3,821	8,527
	1904	96	2,636	.....	1,096	2,112	4,812		1904	85	3,020	.....	1,612	3,342	7,251
LITTLE FALLS	1914	49	3,823	8,442	1,961	6,153	9,927	WATERVLIET	1914	40	759	973	368	805	1,612
	1909	55	4,211	7,742	1,965	4,923	8,460		1909	36	753	904	302	816	1,669
	1904	49	2,621	.....	1,034	2,535	4,471		1904	36	1,111	.....	470	839	1,738
LOCKPORT	1914	117	2,331	16,332	1,416	5,846	8,955	WHITE PLAINS	1914	44	316	472	219	358	990
	1909	109	2,138	14,335	1,130	5,350	8,168		1909	33	249	404	180	372	816
	1904	109	2,323	.....	1,110	3,316	5,808		1904	.....	.....	.....	.....	.....	.....

¹ Includes "automobile repairing" and "structural ironwork, not made in steel works or rolling mills."

² Excludes statistics for one establishment, to avoid disclosure of the individual operations.

³ Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.	
								Maximum month.	Minimum month.					

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

	48,203	1,289,098	48,636	37,420	100,660	44,525	1,057,857	Mh 1,094,773	De 1,014,893	(*)	(*)	(*)	(*)	(*)	\$3,334,277,526
1 All industries.....	48,203	1,289,098	48,636	37,420	100,660	44,525	1,057,857	Mh 1,094,773	De 1,014,893	(*)	(*)	(*)	(*)	(*)	\$3,334,277,526
2 Agricultural implements.....	50	6,166	31	165	470	108	5,392	Ja 7,423	Au 2,563	5,938	5,859	74	5	.....	20,764,024
3 Artificial flowers.....	163	4,394	183	76	164	85	3,886	No 4,505	Je 2,906	4,516	756	3,568	4	188	2,686,598
4 Artificial limbs.....	17	139	13	12	16	10	88	Se 4	Je 90	85	90	82	8	.....	253,520
5 Artificial stone products.....	180	1,055	173	69	38	18	757	Je 942	Fe 556	850	849	1	.....	1,961,485	
6 Artists' materials.....	10	49	11	6	8	2	22	.....	.....	24	17	7	.....	43,499	
7 Crayons.....	4	23	6	3	7	.....	7	No 4	Ja 4	8	8	4	.....	16,965	
8 All other.....	6	26	5	3	1	2	15	No 4	Se 12	16	13	3	.....	20,534	
9 Asbestos products, not including steam packing.....	5	20	4	2	.....	2	12	No 4	My 4	9	21	14	7	.....	55,064
10 Automobile bodies and parts.....	215	7,456	144	321	433	218	6,340	Ap 6,960	De 5,780	6,356	6,240	103	11	2	15,941,295
11 Automobile repairing.....	962	5,769	840	196	313	110	4,310	.....	.....	4,268	4,261	3	4	.....	4,013,417
12 Repair work.....	953	5,722	833	190	309	106	4,284	My 4,483	Ja 3,990	4,245	4,238	3	4	.....	4,855,993
13 Vulcanizing tires.....	9	47	7	6	4	4	26	Se 31	De 4	23	23	.....	.....	.....	57,514
14 Automobiles.....	32	7,421	4	307	1,086	242	5,782	Jy 6,393	Ja 5,282	5,782	5,770	10	2	.....	25,736,133
15 Awnings, tents, and sails.....	209	1,381	227	66	60	33	995	Je 1,467	Ja 750	1,023	753	255	2	13	1,605,373
16 Babbitt metal and solder.....	26	412	22	39	86	40	225	.....	.....	218	216	2	.....	2,443,358	
17 Babbitt and white metal.....	9	139	3	16	33	21	66	Ap 98	Ja 29	69	69	.....	.....	.....	968,313
18 Type metal.....	5	53	5	5	10	6	27	Ja 4	De 4	26	26	.....	.....	.....	543,802
19 Solder.....	12	220	14	18	43	13	132	My 142	De 123	123	121	.....	.....	.....	931,243
20 Bags, other than paper.....	30	1,510	15	39	61	33	1,362	No 1,445	Je 1,300	1,375	468	851	1	55	2,510,397
21 Bags, paper, not including bags made in paper mills.....	17	1,434	13	38	79	33	1,271	Oc 1,368	Je 1,210	1,320	723	594	1	2	3,878,340
22 Baskets, and rattan and willow ware.....	153	1,297	155	37	23	18	1,064	Se 1,266	De 889	1,206	918	280	4	4	1,430,167
23 Belting, leather.....	35	818	27	39	173	33	546	Ja 573	De 514	527	518	5	4	.....	4,713,672
24 Blacking, stains, and dressings.....	36	856	30	44	179	46	557	My 745	Ja 437	503	232	263	4	4	1,611,439
25 Bluing.....	9	39	5	6	1	2	25	Jy 4	No 4	22	22	6	15	.....	20,566
26 Bookbinding and blank-book making.....	383	10,367	382	309	562	342	8,772	Mh 9,414	Au 8,376	8,624	4,457	4,031	86	50	11,769,229
27 Boot and shoe cut stock.....	17	671	13	34	27	10	537	Oc 616	My 553	611	396	197	18	.....	2,613,662
28 Boot and shoe findings.....	57	930	57	33	35	24	781	De 944	Se 600	723	443	234	43	3	701,874
29 Boots and shoes, not including rubber boots and shoes.....	235	28,668	207	516	889	863	26,193	.....	.....	27,060	17,000	8,735	223	202	29,955,081
30 Regular factory products.....	219	28,325	193	510	856	853	25,913	Jy 26,744	Ap 25,280	26,780	17,783	8,583	223	191	29,550,984
31 Footwear, other than boots and shoes.....	16	343	14	6	33	10	280	Mh 312	Au 234	280	117	152	.....	.....	404,097
32 Boxes, cigar.....	41	1,360	37	30	57	10	1,226	Se 1,272	Ap 1,196	1,219	656	543	4	16	880,405
33 Boxes, fancy and paper.....	331	15,818	283	476	547	320	14,192	.....	.....	13,795	5,828	7,612	50	299	18,058,292
34 Paper boxes and cartons.....	323	15,539	277	468	533	313	13,948	Mh 14,565	Jy 13,220	13,548	5,665	7,526	50	299	17,810,132
35 All other.....	8	279	6	8	14	7	244	My 265	Ja 231	249	163	86	.....	.....	239,100
36 Boxes, wooden packing.....	187	3,709	203	121	137	46	3,202	Jy 3,497	Ja 2,892	3,261	3,203	50	7	1	6,223,083
37 Brass, bronze, and copper products.....	228	7,643	220	240	397	159	6,627	.....	.....	6,696	6,233	447	10	6	16,279,244
38 Brass and bronze.....	205	6,424	197	206	319	125	5,577	My 6,014	Se 5,250	5,494	5,062	417	9	6	13,075,050
39 Copper.....	10	579	6	14	47	23	489	De 605	Au 306	604	575	29	.....	.....	1,288,494
40 All other.....	13	640	17	20	31	11	561	Jy 693	Ja 488	598	596	1	1	.....	1,015,691
41 Bread and bakery products.....	4,249	35,720	4,555	562	2,360	1,241	27,002	.....	.....	28,749	23,002	5,616	111	20	65,593,346
42 Biscuits and crackers.....	23	7,121	7	107	690	124	6,193	No 7,171	Ja 4,740	7,044	3,757	3,285	.....	.....	30,938,038
43 All other.....	4,226	28,599	4,548	455	1,670	1,117	20,809	De 21,382	Ja 20,524	21,705	19,245	2,381	111	18	34,624,408
44 Brick and tile, terra-cotta, and fire-clay products.....	171	6,331	154	202	165	34	5,776	.....	.....	8,585	8,575	.....	10	.....	14,594,614
45 Building brick.....	147	5,365	140	169	86	17	4,953	Je 9,191	Fe 1,147	7,756	7,746	.....	10	.....	12,348,166
46 Sewer pipe and drain tile.....	10	77	7	9	1	3	57	My 69	Ja 29	54	54	.....	.....	.....	266,347
47 Fire brick, stove lining, and tile other than drain tile.....	9	341	6	15	23	5	292	Oc 338	Fe 210	338	338	.....	.....	.....	908,130
48 Architectural and fireproofing terra-cotta, and all other.....	5	548	1	9	55	9	474	Je 539	No 434	437	437	.....	.....	.....	1,071,981
49 Brooms.....	60	1,257	57	42	57	23	1,078	.....	.....	1,078	826	54	198	.....	1,586,002
50 From broom corn.....	48	1,212	45	41	54	21	1,051	Fe 1,112	Jy 999	1,047	802	48	197	.....	1,554,713
51 All other.....	12	45	12	1	3	2	27	De 4	Jy 22	31	24	6	1	.....	31,289
52 Brushes.....	107	1,955	119	94	117	57	1,568	.....	.....	1,683	1,188	476	8	11	3,050,134
53 Toilet.....	21	623	12	43	30	16	522	De 572	Jy 497	569	415	151	2	1	1,274,511
54 Paint and varnish.....	23	537	21	19	40	17	440	Mh 490	Jy 394	471	331	128	4	8	839,560
55 All other.....	63	795	86	32	47	24	606	Fe 681	Jy 579	643	442	197	2	2	936,093
56 Butter.....	279	1,180	171	109	50	60	790	Jy 936	Ja 668	847	814	33	.....	.....	3,133,920
57 Buttons.....	224	6,098	262	142	299	172	5,223	Mh 5,819	Ja 4,839	5,160	2,854	2,233	25	48	6,355,097
58 Candles.....	10	445	8	24	32	24	357	Ja 388	Au 310	341	189	124	12	16	2,146,557
59 Canning and preserving, fish.....	16	182	9	14	15	5	139	Mh 4	Je 128	147	115	31	1	.....	602,398
60 Canning and preserving, fruits and vegetables.....	864	7,959	959	234	242	85	6,439	.....	.....	19,876	8,608	11,152	50	66	13,318,625
61 Canned vegetables.....	98	4,364	66	164	215	63	3,856	Au 9,793	Fe 473	10,548	5,222	5,238	36	52	9,717,598
62 Canned fruits.....	22	1,044	15	47	23	17	942	Se 1,980	Fe 120	1,948	566	1,367	3	10	1,440,706
63 All other, including dried fruits.....	744	2,551	878	23	4	5	1,641	Oc 6,882	My 71	7,382	2,820	4,547	11	4	2,154,321

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

EXPENSES.						Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.				Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

\$99,943,877	\$142,785,058	\$631,042,011	\$71,968,120	\$47,342,501	\$56,218,108	\$2,032,625,003	\$75,982,358	\$3,814,661,114	\$1,706,053,753	2,356,655	1,165,731	153,168	392,932	644,824	398,308	1
400,135	622,091	3,427,737	9,059	5,238	128,046	6,730,298	342,907	14,576,694	7,503,489	11,774	7,876	239	1,532	2,127	5,179	2
154,514	224,935	1,634,578	76,709	179,759	3,564	2,505,587	19,527	6,181,210	3,656,096	148	25	12	111	111	22	3
10,855	15,312	71,162	1,859	15,623	259	56,200	5,978	276,555	214,387	47	6	6	41	41	4	4
104,618	54,019	500,988	13,987	25,523	9,239	656,781	26,012	1,753,597	1,070,804	1,315	360	258	697	697	5	5
8,725	7,780	11,053	880	4,294	306	41,038	412	93,434	48,984	9	5	5	4	4	6	6
2,600	6,000	3,570	400	300	78	8,916	173	30,105	21,016	5	4	4	1	1	7	7
6,125	1,780	7,513	480	3,994	228	35,122	239	63,329	27,968	4	1	1	3	3	8	8
1,040	456	5,879	100	544	195	4,584	451	15,681	10,646	50				50	9	9
798,392	541,715	4,487,826	20,386	306,178	99,867	8,209,873	279,459	17,439,581	8,950,249	8,677	1,300	911	6,466	1,001	10	10
306,057	280,881	3,887,215	37,858	764,923	19,714	3,146,748	179,116	10,601,067	7,275,203	4,946	41	536	4,369	9	11	11
300,597	276,607	3,808,265	37,858	759,891	19,689	3,116,168	177,929	10,514,966	7,220,869	4,915	31	534	4,350	9	12	12
5,460	4,274	18,950		5,032	25	30,580	1,187	86,101	54,334	31	10	2	19	19	13	13
665,600	1,296,171	4,499,982	143,222	37,569	106,360	13,275,279	211,179	24,675,695	11,189,237	9,261	4,456	8	4,797	2,300	14	14
88,160	75,385	652,080	8,084	106,126	5,477	1,535,472	18,609	3,120,699	1,566,618	401	80	26	5	290	13	15
128,363	132,101	162,744	1,628	19,908	9,405	4,314,547	33,272	5,329,306	981,487	256	40	81	135	1	16	16
67,091	64,467	50,616	1,628	12,732	3,451	1,400,324	11,772	1,909,332	497,236	49	6	6	43	17	17	17
12,236	10,460	16,910		4,096	176	178,097	4,052	281,013	98,864					18	18	18
48,986	57,174	95,218		3,080	5,778	2,736,126	17,448	3,138,961	385,387	207	40	75	92	1	19	19
121,161	102,206	555,579	5,404	51,159	10,348	7,533,774	24,214	8,962,397	1,354,409	871	600	60	211	142	20	20
123,872	121,996	655,831	15,914	40,645	20,237	5,081,786	29,670	6,753,572	1,642,116	870	175	47	202	446	342	21
69,076	29,935	523,311	10,880	25,068	7,909	1,120,098	11,789	2,164,006	1,032,119	1,550	1,387	7	15	141	88	22
124,876	236,658	387,306	15,258	60,134	45,128	3,093,894	46,210	4,892,087	1,751,983	3,312	3,100	33	179	18	23	23
136,866	362,808	265,079	3,479	28,600	10,595	1,548,723	12,147	3,279,787	1,718,917	493	365	89	39	160	24	24
13,362	1,633	9,917		2,768	82	32,742	789	79,829	46,305	16			16	25	25	25
776,431	668,446	4,552,185	247,857	577,513	31,842	4,899,289	156,365	14,813,040	9,757,986	4,081	705	319	60	2,997	2	26
56,463	30,096	241,746		23,855	6,358	1,891,333	19,560	2,517,552	606,659	964	649	53		262	76	27
68,770	38,572	275,047	16,679	37,811	2,503	934,128	15,898	1,606,394	656,368	373		68	40	255	28	28
1,304,497	1,716,079	15,195,343	128,854	450,811	96,228	39,865,411	322,621	67,288,809	27,100,777	14,458	8,766	747	610	4,335	5,304	29
1,275,191	1,649,023	15,054,328	127,954	444,684	95,652	39,559,809	319,212	66,595,455	26,716,434	14,376	8,766	720	610	4,280	5,304	30
29,306	66,756	111,015	900	12,127	576	305,602	3,409	693,354	384,343	82		27	55	31	31	31
78,717	62,147	567,886	1,944	47,151	11,771	862,253	15,597	1,781,755	903,905	840	475	134	101	130	40	32
1,006,592	755,334	5,750,038	56,993	75,676	78,813	9,452,601	105,779	21,692,085	12,043,705	8,604	3,725	749	318	3,812	3,331	33
988,288	727,278	5,630,037	56,993	73,692	78,292	9,238,378	189,592	21,226,114	11,798,144	8,513	3,725	732	318	3,738	3,331	34
18,304	28,568	120,001		17,984	521	214,223	6,187	465,971	245,561	91		17	74	35	35	35
222,516	153,232	1,621,374	4,426	170,642	75,210	6,121,842	105,721	9,603,582	3,376,019	10,254	7,016	1,085	968	1,185	291	36
613,555	478,354	4,050,792	36,819	237,992	80,162	14,783,058	431,735	23,964,582	8,749,789	13,667	7,334	1,350	128	4,846	1,791	37
483,414	402,912	3,302,206	29,407	200,509	70,697	11,040,452	328,793	19,415,967	7,146,722	10,190	7,169	1,343	128	1,550	1,791	38
24,892	43,412	328,395	7,412	17,880	3,007	1,875,995	59,905	2,590,410	654,510	2,816	150	6		2,660	39	39
105,249	32,030	420,191	19,603	6,458	966,611	43,037	1,958,205	948,557	661	15	10			636	40	40
1,246,292	2,553,149	17,641,442	38,185	2,404,471	436,919	57,516,123	2,118,766	109,227,959	49,593,070	18,713	5,328	789	281	12,315	2,880	41
376,289	666,391	2,851,410	247,961	165,317	165,317	10,305,824	280,879	24,175,843	13,589,140	5,758	2,958		250	2,550	1,628	42
870,003	1,946,758	14,790,032	38,185	2,156,510	271,602	47,210,299	1,837,887	85,052,116	36,003,930	12,955	2,370	789	31	9,765	1,261	43
316,087	162,455	3,009,476	32,174	75,166	96,861	792,366	981,568	6,266,525	4,492,591	26,467	21,155	1,257	60	3,995	1,437	44
256,022	72,004	2,507,716	28,156	69,216	82,965	534,546	790,062	4,911,648	3,587,040	23,577	18,823	1,133	40	3,581	1,210	45
9,275	37,256			2,798	2,798	18,164	36,002	118,399	64,233	831	570	44	20	197	15	46
28,890	31,098	178,748	4,018	5,350	6,946	151,434	76,968	610,218	381,816	1,034	822	80		132	60	47
21,900	58,483	285,756		600	4,152	88,222	78,536	626,260	459,502	1,025	940			85	152	48
79,341	67,384	462,590	7,865	14,177	7,919	1,250,069	13,426	2,300,780	1,037,285	752	481	35		236	15	49
79,029	63,826	448,331	7,865	11,260	7,864	1,189,506	12,835	2,170,750	988,409	721	477	25		219	15	50
312	3,558	13,759		2,917	55	80,563	691	130,030	48,876	31	4	10		17	51	51
222,861	148,050	771,988	36,890	78,291	11,154	1,809,921	30,440	3,834,612	1,994,251	1,248	755	101		332	28	62
97,401	43,292	282,536	27,116	19,126	3,273	549,286	12,237	1,257,814	696,291	632	516	40		77	28	63
53,426	56,435	220,875	330	23,676	4,421	569,447	7,328	1,089,803	513,028	197	75	23		99	54	54
72,034	48,323	268,577	9,444	35,489	3,460	691,188	10,875	1,486,995	784,932	419	165	98		156	55	55
87,792	59,764	527,083	17,654	10,431	20,804	10,664,809	148,246	12,426,783	1,613,728	5,632	4,520	492	210	410	174	56
334,434	429,161	2,250,554	46,911	196,661	19,780	3,111,435	112,323	7,821,290	4,597,532	4,449	1,870	475	165	1,939	20	67
86,947	71,958	163,367		3,180	6,031	915,373	16,243	1,499,015	567,399	240	172	50		18	16	58
39,797	19,523	79,554		2,310	2,310	1,141,526	8,901	1,411,354	260,927	126	50	19		57	69	69
388,308	261,419	2,654,838	15,832	19,570	69,351	8,303,482	367,854	14,858,087	6,186,751	14,575	8,800	2,693	350	2,672	1,225	60
306,626	238,688	1,671,437	13,777	12,296	46,300	5,763,494	113,099	9,757,475	3,880,882	10,998	7					

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
1 Card cutting and designing.....	18	198	20	6	7	3	162	Mh	177	Au	150	166	87	77	1	1	\$182,504
2 Cardboard, not made in paper mills.....	3	70	1	3	3	3	60	Ap	65	Jy	56	57	40	17	.....	.....	142,100
3 Carpets and rugs, other than rag.....	14	13,236	4	104	557	31	12,540	Fe	13,467	Au	10,657	12,756	6,923	5,749	55	30	31,651,167
4 Carpets, rag.....	45	239	50	13	18	6	202	Je	217	Fe	175	213	158	51	4	.....	156,717
5 Carriage and wagon materials.....	29	523	23	26	14	16	444	Fe	583	No ³	290	403	365	38	.....	.....	1,554,192
6 Carriages and sleds, children's.....	30	529	25	21	16	9	458	No	547	My	417	514	493	16	5	.....	647,357
7 Carriages, wagons, and repairs.....	575	4,462	662	117	165	51	3,467	.....	.....	.....	.....	3,277	3,259	15	3	.....	9,300,633
8 Carriages and wagons.....	516	4,145	583	115	140	51	3,250	My	3,582	De	2,912	3,067	3,049	15	3	.....	9,002,640
9 Repair work only.....	59	317	79	2	25	.....	211	Au ³	222	Ja	194	210	210	.....	.....	.....	306,993
10 Cars and general shop construction and repairs by electric-railroad companies.....	61	5,369	3	185	246	14	4,921	Se	5,186	De	4,497	4,569	4,547	19	3	.....	13,437,681
11 Cars and general shop construction and repairs by steam-railroad companies.....	107	22,306	.....	672	1,382	18	20,234	Ja	21,073	Je	19,471	20,311	20,307	1	3	.....	21,320,776
12 Cars, steam-railroad, not including operations of railroad companies.....	4	2,765	.....	48	118	4	2,595	No	2,913	Jy	2,155	2,758	2,741	17	.....	.....	6,716,739
13 Cement.....	12	2,525	2	54	174	13	2,283	My	2,530	Fe	1,755	2,324	2,321	3	.....	.....	21,895,249
14 Cheese.....	821	1,659	664	43	33	10	909	Je	1,281	Ja	450	1,181	1,150	28	3	.....	3,475,379
15 Chemicals.....	70	9,223	17	277	994	158	7,780	Au	8,262	Je	7,399	7,724	7,549	171	2	2	67,515,367
16 China decorating, not including that done in potteries.....	15	138	19	2	5	3	109	Fe	117	My	102	106	54	50	2	.....	146,093
17 Chocolate and cocoa products.....	13	1,061	6	29	190	26	810	Oc	975	Jy	687	850	606	243	.....	1	4,720,048
18 Cleansing and polishing preparations.....	62	507	40	47	109	84	227	.....	.....	.....	.....	222	115	101	4	2	1,199,594
19 Cleansing preparations.....	27	139	17	16	49	5	52	Ap	60	Ja	42	51	29	22	.....	.....	230,313
20 Polishing preparations.....	35	368	23	31	60	79	175	Mh	230	Au	140	171	86	79	4	2	909,281
21 Clocks.....	14	1,085	2	73	99	38	1,473	Mh	1,751	No	1,267	1,566	1,128	436	2	.....	4,335,189
22 Cloth, sponging and refinishing.....	23	571	25	27	32	20	467	Ja	498	De	445	452	452	.....	.....	.....	316,547
23 Clothing, horse.....	7	81	4	8	13	6	50	De	63	Ja ³	45	64	44	20	.....	.....	220,215
24 Clothing, men's.....	2,357	74,943	3,375	931	4,194	1,516	64,927	.....	.....	.....	.....	68,211	43,437	24,419	80	275	88,448,693
25 Regular factories.....	1,034	44,496	1,508	854	4,140	1,456	36,543	.....	.....	.....	.....	36,275	22,622	13,444	59	150	85,175,451
26 Men's and youths'.....	823	37,430	1,188	729	3,497	1,198	30,818	Fe	32,472	No	27,888	30,441	19,176	11,080	55	130	74,180,976
27 Boys'.....	194	6,808	296	120	628	251	5,513	Fe	6,093	No	5,085	5,599	3,323	2,257	4	15	10,044,589
28 All other.....	17	258	19	5	15	7	212	Ja	253	Oc	179	235	123	107	.....	.....	349,877
29 Contract work.....	1,323	30,447	1,872	77	54	60	28,384	.....	.....	.....	.....	31,936	20,815	10,975	21	125	2,973,542
30 Men's and youths'.....	1,171	26,494	1,654	61	48	50	24,671	Mh	25,637	My	23,365	27,653	17,950	9,579	21	103	2,527,197
31 Boys'.....	149	3,915	214	16	4	8	3,673	Ja	3,990	No	3,481	4,238	2,828	1,388	.....	22	437,151
32 All other.....	3	48	4	2	2	.....	40	Mh ³	45	My ³	34	45	37	8	.....	.....	9,330
33 Clothing, men's, buttonholes.....	84	474	105	8	.....	.....	361	Oc	372	De	345	370	262	103	2	3	150,880
34 Clothing, women's.....	3,835	128,969	5,320	2,377	7,852	5,027	108,393	.....	.....	.....	.....	114,238	46,749	67,139	50	300	102,521,450
35 Regular factories.....	2,984	115,124	4,099	2,301	7,794	4,979	95,951	.....	.....	.....	.....	98,642	39,257	59,072	34	279	100,681,807
36 Suits, skirts, and cloaks.....	1,421	46,965	2,070	890	4,075	1,895	38,035	Oc	44,264	Je	31,221	39,352	28,368	10,932	17	35	44,283,950
37 Shirt waists and dresses, except house dresses.....	964	46,515	1,241	938	2,321	2,123	39,892	Mh	45,961	Jy	30,456	41,080	8,414	32,520	7	139	33,450,161
38 Undergarments and petticoats.....	291	13,875	359	328	821	566	11,803	Mh	12,832	Jy	10,473	11,678	1,188	10,436	.....	54	14,065,137
39 Wrappers and house dresses.....	125	3,204	197	50	318	172	2,467	Oc	2,692	Ja	2,215	2,682	403	2,267	1	11	4,448,402
40 All other.....	183	4,565	232	97	259	223	3,754	Ap	4,122	Jy	3,441	3,850	384	2,917	9	40	3,834,157
41 Contract work.....	851	13,845	1,221	76	58	48	12,442	.....	.....	.....	.....	15,596	7,492	8,067	16	21	1,839,043
42 Suits, skirts, and cloaks.....	509	6,744	734	29	39	18	5,924	Oc	7,130	Je	4,402	7,823	5,548	2,262	6	7	955,620
43 Shirt waists and dresses, except house dresses.....	213	4,187	311	28	13	22	3,813	Mh	4,209	Jy	2,952	4,754	980	3,802	10	12	565,332
44 Undergarments and petticoats.....	31	714	34	6	2	2	670	No	750	Jy	537	751	33	71	.....	1	95,050
45 Wrappers and house dresses.....	31	701	47	5	1	1	647	Mh	744	De	589	765	109	656	.....	.....	74,612
46 All other.....	67	1,499	95	8	3	5	1,388	Mh	1,488	My	1,263	1,503	872	630	.....	1	149,029
47 Coffee and spice, roasting and grinding.....	136	2,778	117	121	686	164	1,690	.....	.....	.....	.....	1,629	967	654	7	1	9,909,798
48 Coffee.....	125	2,343	107	105	620	146	1,365	Je	1,459	Ja	1,281	1,345	845	492	7	1	9,335,109
49 Spice.....	11	435	10	16	66	18	325	Ap	350	De	285	284	122	162	.....	.....	574,689
50 Coffins, burial cases, and undertakers' goods.....	31	1,391	31	61	174	54	1,071	Ja	1,132	Se	1,014	1,078	804	269	.....	5	3,580,477
51 Collars and cuffs, men's.....	24	10,554	13	192	328	228	9,793	Oc	10,411	Jy	9,370	9,754	2,463	7,263	9	19	14,174,682
52 Combs and hairpins, not made from metal or rubber.....	21	606	22	18	49	24	493	Se	584	My	424	460	368	74	8	.....	825,934
53 Condensed milk and milk products, other than butter and cheese.....	44	2,303	7	112	603	45	1,536	Je	1,765	De	1,367	1,600	1,454	145	1	.....	8,700,948
54 Confectionery and ice cream.....	542	14,587	530	437	1,012	459	12,142	.....	.....	.....	.....	13,371	5,907	7,288	27	149	24,880,827
55 Confectionery.....	330	12,077	332	296	815	348	10,286	Oc	11,632	Jy	9,250	11,202	4,436	6,600	25	141	18,085,798
56 Chewing gum.....	19	615	10	25	49	49	482	Oc	673	Ja	285	764	100	596	.....	8	3,261,920
57 Ice cream.....	193	1,895	188	116	148	62	1,381	Jy	1,715	Ja	1,116	1,405	1,311	92	2	.....	3,539,109
58 Cooperage.....	309	2,431	344	47	25	14	2,001	.....	.....	.....	.....	2,278	2,274	1	3	.....	5,289,146
59 Hogsheads and barrels.....	291	2,281	324	44	24	14	1,875	Se	2,489	De	1,367	2,152	2,148	1	3	.....	4,949,118
60 All other.....	18	150	20	3	1	.....	126	Je	136	De	121	126	126	.....	.....	.....	340,028

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$9,404	\$9,658	\$81,120	\$2,500	\$21,810	\$119	\$119,198	\$3,482	\$314,850	\$192,170	82	5	77	1
6,500	4,824	30,342		5,100	441	64,487	1,818	135,439	69,134	133	15	38	2
445,838	625,837	5,666,641		12,076	96,610	15,387,014	391,139	26,075,521	10,297,368	16,097	7,863	1,630	6,604
14,624	20,164	91,442	1,612	10,997	815	40,358	5,600	267,941	221,983	250	25	124	101
56,445	23,250	284,473	1,200	5,812	7,497	581,338	23,101	1,141,576	537,137	1,279	695	36	523
25,928	26,667	265,164	26,000	16,642	3,682	395,623	7,303	936,697	533,671	576	225	15	158
200,174	179,124	2,426,352	35,336	215,429	62,753	2,835,353	137,031	7,617,543	4,645,159	7,251	2,314	1,071	2,445
195,699	170,049	2,275,086	34,817	195,823	60,803	2,716,879	131,138	7,222,203	4,374,186	6,962	2,248	1,058	2,285
4,505	9,075	151,266	519	19,606	1,950	1,181,474	5,893	270,973	289	66	13	50	180
262,214	208,310	3,467,573	4,880	5,487	172,055	3,862,964	203,433	8,204,259	4,137,862	10,584	958	800	8,826
847,811	1,173,067	14,367,258		400	153,198	13,623,723	705,434	30,892,742	16,558,585	30,825	17,267	1,444	11,139
82,493	123,612	2,071,797				35,844	6,302,979	68,650	9,066,920	4,784	3,105		1,079
152,070	200,442	1,610,321	6,276	8,800	62,388	2,141,971	1,365,440	6,840,005	3,332,594	33,363	26,062	4,300	2,201
61,008	27,199	551,417	3,479	16,784	22,085	13,582,644	134,997	15,133,816	4,416,175	4,555	4,144	251	160
1,125,593	1,362,500	5,379,654	15,744	89,287	420,552	22,078,589	4,173,490	42,876,880	16,624,801	131,928	17,040	13,759	99,169
1,092	9,478	59,260	1,038	9,420		168,607	6,294	316,003	141,102	9			9
109,182	304,374	379,846	45,272	64,466	21,502	5,286,606	80,919	7,412,401	2,044,870	4,482	3,700	40	742
75,639	191,362	102,035	9,736	29,362	4,534	554,088	8,662	1,494,137	931,387	220	95	40	85
21,742	50,789	23,751	5,946	13,533	558	188,385	3,285	419,422	227,752	38			38
53,897	134,573	78,284	3,790	15,829	3,976	365,703	5,377	1,074,715	703,635	182	95	40	47
195,859	91,575	807,170	4,976	16,352	21,998	1,081,051	36,969	3,310,386	2,192,366	1,476	875	136	455
89,880	43,517	368,233	12,154	87,180	429	19,604	18,215	874,469	836,650	272	49	77	146
20,390	11,065	29,788		7,000	538	166,187	1,189	261,994	94,618	31		10	21
2,773,949	6,626,280	35,070,250	23,720,983	3,088,327	130,949	93,940,385	651,275	197,368,800	102,777,140	10,966	2,370	1,443	6,992
2,632,851	6,558,997	21,530,435	23,328,411	2,514,898	117,406	93,168,585	357,600	178,296,089	84,769,844	7,073	2,301	450	4,161
2,256,809	5,498,772	18,437,131	18,807,304	2,053,125	108,974	77,927,435	284,534	148,494,151	70,282,182	5,885	2,151	297	3,276
363,882	1,044,213	2,996,106	4,508,154	439,780	8,109	14,828,366	70,055	29,047,068	14,148,647	1,078	150	153	775
12,160	16,012	97,198	12,953	21,993	323	412,784	3,071	754,870	339,015	110			110
141,098	67,283	13,539,815	392,572	573,429	13,543	771,800	293,615	19,072,711	18,007,296	3,893	69	993	2,831
114,938	56,964	11,932,361	374,866	492,132	12,572	510,175	256,294	16,585,664	15,819,195	3,216	19	741	2,456
26,160	6,969	1,580,699	6,374	79,133	971	260,854	36,256	2,424,125	2,127,005	672	50	250	372
	3,350	20,755	11,332	2,104		761	1,065	62,992	61,096	5		2	3
10,196	173,060	524	21,956	707		33,637	6,452	329,691	289,602	138		40	92
5,470,951	12,033,766	64,128,360	14,399,256	7,586,483	120,167	182,482,422	1,197,632	345,315,642	161,635,588	16,523	713	624	15,186
5,389,668	11,978,008	59,158,141	14,329,710	7,175,957	118,421	181,896,530	1,052,481	336,244,587	153,295,576	14,009	713	427	12,929
2,226,249	5,955,194	29,298,995	8,223,861	3,526,731	55,220	90,084,287	430,487	166,128,285	75,663,511	5,168	113	43	5,125
2,037,183	4,002,928	21,779,414	4,441,410	2,518,248	40,260	60,098,901	390,155	114,629,755	54,140,699	5,300	100	113	5,087
776,646	1,197,199	5,207,267	575,389	648,711	18,628	20,417,430	137,529	34,474,454	13,919,495	2,196	441	180	1,569
142,214	353,406	1,084,036	679,423	242,066	1,495	5,745,865	33,791	10,308,039	4,528,383	572	9		563
207,376	469,221	1,788,429	409,627	240,201	2,818	5,000,047	60,519	10,704,054	5,043,488	833	163	85	585
81,283	55,758	4,970,219	69,546	410,526	1,746	585,892	145,151	9,071,055	8,340,012	2,454		197	2,257
26,336	33,461	3,070,163	64,981	215,518	623	313,827	70,394	4,976,041	4,591,820	1,062		61	1,001
31,348	15,592	766,339	2,425	125,653	646	104,962	46,454	2,330,122	2,178,706	924		74	850
6,500	1,620	261,166		18,211	258	99,694	6,819	494,070	387,557	121		12	109
7,000	936	219,859		13,757	100	313,627	6,238	308,230	288,365	116			116
10,069	4,149	652,692	2,140	37,387	119	53,782	15,246	962,592	893,564	231		50	181
326,949	990,781	946,947	16,150	290,215	37,254	25,402,124	159,327	31,675,263	6,113,812	5,207	1,783	147	3,277
287,487	845,133	117,573	15,688	248,743	35,276	23,786,745	147,678	29,211,036	5,276,613	4,641	1,738	144	2,759
39,462	145,648	820,374	462	41,472	1,973	1,615,379	11,649	2,464,227	837,199	566	45	3	518
121,627	191,646	637,981	750	40,160	19,634	2,107,261	41,384	3,713,891	1,585,246	2,031	1,367	140	491
522,963	383,648	4,357,690	1,044,161	31,073	55,128	5,952,803	109,042	17,719,796	11,657,951	3,599	2,709	537	353
104,700	73,955	266,016	87,195	18,845	1,061	535,277	18,022	1,226,602	678,303	466	283	109	74
235,452	555,029	950,363	10,020	7,741	63,015	12,155,732	292,870	15,701,710	3,253,108	5,202	4,378	327	191
1,181,331	1,244,937	5,444,256	4,590	996,068	168,211	24,369,626	488,206	41,898,647	17,040,815	17,644	10,296	2,590	4,755
885,975	1,013,144	4,230,441	3,215	847,719	105,432	17,966,289	359,613	30,106,520	11,780,618	12,582	10,063	683	1,836
62,654	54,629	196,026		48,139	35,922	1,727,511	12,187	3,963,943	2,224,305	619	4	10	605
232,702	177,164	1,017,789	1,375	100,280	26,857	4,675,886	116,406	7,828,194	3,035,892	4,443	229	1,897	2,314
106,250	38,497	1,228,185	1,907	51,824	36,114	4,334,410	58,424	6,588,254	2,195,420	2,892	2,442	148	30
99,450	36,697	1,156,253	1,885	34,340	4,199,483	55,799	55,799	6,307,138	2,051,856	2,554	2,167	148	239
6,800	1,800	71,932	22	2,050	1,774	134,927	2,625	281,116	143,564	338	275	30	33

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
								Maximum month.	Minimum month.						

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

1	Copper, tin, and sheet-iron work.....	668	6,468	727	336	393	148	4,864	Oc	5,060	Jy	4,562	4,886	4,779	90	17	.....	\$9,481,991	
2	Cordage and twine.....	12	4,122	10	75	167	66	3,804	Mh	3,968	No	3,538	3,589	1,800	1,771	5	13	.....	12,822,411
3	Cordials and flavoring sirups.....	40	621	35	30	85	38	433	Je	610	No	367	428	247	180	1	.....	1,893,167	
4	Cork, cutting.....	30	1,111	18	36	26	17	1,014	Se	1,073	Ja	962	1,066	534	530	.....	2	.....	1,478,166
5	Corsets.....	60	3,383	47	103	198	156	2,879	Ap	3,373	No	2,475	2,469	352	2,111	.....	6	.....	3,421,576
6	Cotton goods.....	30	8,061	12	96	110	43	7,800	Ja	9,112	Se	6,759	7,920	4,482	3,302	115	21	.....	20,834,471
7	Cotton lace.....	10	1,182	6	22	38	21	1,095	Mh	1,184	Jy	1,008	1,088	627	435	6	20	.....	3,036,295
8	Cotton small wares.....	11	268	17	7	6	6	232	Fe	259	Au	189	232	95	136	1	.....	556,683	
9	Cutlery and edge tools.....	50	4,055	31	92	119	113	3,700	.....	.....	.....	.....	3,800	3,221	540	23	16	.....	5,489,212
10	Table cutlery.....	3	34	2	5	.....	1	26	Fe ³	40	Au ³	8	38	38	.....	.....	.....	.....	28,150
11	Razors.....	13	849	7	26	75	42	699	Oc	780	Jy	575	685	515	169	1	.....	1,077,514	
12	Axes, hatchets, scissors, shears, and clippers.....	4	127	1	7	1	2	116	Mh	127	Ja	91	113	109	4	.....	.....	.....	157,174
13	Pocketknives.....	14	2,560	9	40	33	58	2,420	De	2,532	Jy	2,341	2,560	2,223	301	20	10	.....	3,337,231
14	All other.....	16	485	12	14	10	10	439	Ja	481	Oc	392	404	336	66	2	.....	889,143	
15	Dairymen's, poultrymen's, and apirists' supplies.....	33	2,505	27	102	216	114	2,046	.....	.....	.....	.....	2,058	2,003	53	2	.....	8,619,522	
16	Incubators and brooders.....	9	498	5	18	38	49	388	Fe	844	Oc	99	398	392	4	2	.....	1,363,225	
17	All other poultrymen's supplies.....	5	22	6	.....	.....	.....	16	De ³	17	Je ³	14	18	18	.....	.....	.....	.....	30,274
18	Cream separators.....	6	1,661	3	70	142	51	1,395	Ap	1,502	Oc	1,271	1,399	1,360	39	.....	.....	.....	5,888,083
19	All other dairymen's and apirists' supplies.....	13	324	13	14	36	14	247	My	270	Se	235	243	233	10	.....	.....	.....	1,337,040
20	Dental goods.....	40	1,135	32	44	133	60	866	Ja	959	De	659	752	596	146	10	.....	4,108,821	
21	Drug grinding.....	11	440	9	14	36	12	369	Mh ³	378	De	326	331	162	146	.....	23	.....	950,807
22	Druggists' preparations.....	81	2,417	46	113	416	191	1,651	Ap	1,724	Au	1,574	1,603	831	749	9	14	.....	8,344,436
23	Dyeing and finishing textiles.....	99	6,390	89	194	383	210	5,514	Ap	6,066	De	4,954	4,987	3,486	1,477	17	7	.....	13,585,712
24	Dyestuffs and extracts.....	23	863	10	46	105	55	647	No	719	Au	564	707	692	13	2	.....	6,115,736	
25	Electrical machinery, apparatus, and supplies.....	215	28,927	77	682	3,239	1,191	23,738	Ja	26,326	De	21,924	22,184	19,314	2,788	77	5	.....	82,589,056
26	Electroplating.....	129	823	149	37	22	15	600	No	626	Au	568	610	587	13	10	.....	408,591	
27	Emery and other abrasive wheels.....	11	1,264	6	40	215	11	992	Ap	1,070	Oc	923	963	847	115	1	.....	4,108,478	
28	Enameling.....	15	85	15	1	4	2	63	Jy ³	68	No	57	59	26	31	2	.....	114,844	
29	Engines, steam, gas, and water.....	48	2,363	27	122	178	63	1,973	Jy	2,230	No	1,596	1,750	1,747	3	.....	.....	.....	8,987,078
30	Engravers' materials.....	4	31	3	4	1	5	18	No ³	22	Mh	15	22	18	.....	4	.....	.....	56,684
31	Engraving and desinking.....	191	729	222	34	18	22	433	De	476	Je	412	477	440	20	17	.....	495,115	
32	Engraving, steel and copper plate, including plate printing.....	118	3,037	119	84	270	145	2,419	Ja	2,583	No	2,144	2,181	1,375	789	12	5	.....	9,431,680
33	Engraving, wood.....	24	86	24	1	2	1	58	Fe ³	61	No ³	55	59	46	9	4	.....	37,074	
34	Envelopes.....	15	1,887	8	29	92	43	1,215	Mh	1,243	Jy	1,155	1,219	464	754	1	.....	1,012,593	
35	Fancy articles, not elsewhere specified.....	235	3,760	232	131	283	166	2,928	.....	.....	.....	.....	3,058	1,362	1,607	14	75	.....	3,836,893
36	Beadwork.....	8	226	6	3	13	9	195	Oc	237	De	128	196	7	188	.....	1	.....	197,030
37	Celluloid novelties.....	13	303	12	7	44	15	225	Se	312	Ja	185	199	140	56	3	.....	328,556	
38	Metal novelties.....	45	749	44	30	51	24	600	No	673	De	522	577	420	156	.....	1	.....	961,834
39	Paper novelties.....	17	192	19	4	10	7	152	No	198	Fe	133	164	34	116	.....	14	.....	123,702
40	Wood novelties.....	14	129	12	4	7	5	101	Mh	116	De	79	116	87	29	.....	.....	.....	153,679
41	All other.....	138	2,161	159	83	158	106	1,655	No	1,809	Jy	1,492	1,806	674	1,062	11	59	.....	2,071,192
42	Feathers and plumes.....	206	4,542	142	110	305	156	3,829	Se	4,682	De	3,292	3,841	465	3,303	3	70	.....	4,587,662
43	Felt goods.....	12	1,436	4	40	64	33	1,295	Je	1,326	Au	1,198	1,287	963	324	.....	.....	.....	7,148,070
44	Fertilizers.....	9	593	2	17	88	20	466	Se	562	De	348	502	409	3	.....	.....	.....	4,803,011
45	Files.....	7	212	7	6	6	7	186	Ja	198	Je	176	180	177	3	.....	.....	.....	258,510
46	Fire extinguishers, chemical.....	9	232	.....	14	39	17	162	Oc	172	Au	151	168	165	1	2	.....	.....	319,693
47	Flags and banners.....	27	819	20	31	79	86	603	Je	646	Ja	560	614	166	426	11	11	.....	842,081
48	Flavoring extracts.....	119	664	98	66	138	51	311	Je	347	Ja	282	316	189	122	2	3	.....	1,304,580
49	Flour-mill and gristmill products.....	891	5,065	1,058	243	517	177	3,070	No	3,208	Je	2,940	3,205	3,134	66	5	.....	34,644,060	
50	Food preparations, not elsewhere specified.....	287	5,396	263	218	602	282	4,031	.....	.....	.....	.....	4,368	2,952	1,392	3	21	.....	15,256,955
51	Breadstuff preparations, cereals and table foods.....	21	1,061	14	35	153	82	777	Se	850	De	688	841	445	387	.....	9	.....	4,996,070
52	Macaroni, vermicelli, and noodles.....	124	1,317	152	27	82	26	1,030	De	1,147	Ja	950	1,150	846	295	2	7	.....	2,115,669
53	Meat products, not elsewhere specified.....	25	299	23	11	49	14	202	Mh	223	Meat	174	215	130	85	.....	.....	.....	542,712
54	Sausage casings.....	4	19	5	1	.....	.....	13	Ja	14	Mh	12	15	15	.....	.....	.....	.....	12,395
55	Sweetening sirups, other than cane.....	5	33	1	7	6	1	18	Ap ³	21	De	13	19	11	8	.....	.....	.....	109,064
56	All other for human consumption.....	95	2,157	63	115	268	140	1,571	Oc	1,986	Ja	1,307	1,699	1,087	606	1	5	.....	5,911,892
57	For animals and fowls.....	13	510	5	22	44	19	420	Se	462	My	390	429	418	11	.....	.....	.....	1,560,153
58	Foundry and machine-shop products.....	1,501	49,215	1,137	1,945	3,835	1,537	40,761	.....	.....	.....	.....	39,794	39,025	703	66	.....	162,901,534	
59	Boiler shops.....	28	986	25	51	56	11	843	Ja	992	No	703	759	759	.....	.....	.....	.....	1,980,681
60	Foundries.....	110	7,072	61	264	246	84	6,417	Mh	6,955	De	5,658	5,953	5,866	82	5	.....	15,913,765	
61	Machine shops.....	1,363	41,157	1,051	1,630	3,533	1,442	33,501	Fe	35,163	De	31,488	33,082	32,400	621	61	.....	145,007,188	
62	Foundry supplies.....	8	52	3	10	6	6	27	Ja	32	No	23	29	29	.....	.....	.....	.....	145,481
63	Fur goods.....	877	8,729	1,289	217	955	364	5,904	Oc	7,723	Fe	4,326	7,483	5,351	2,112	12	8	.....	18,527,031
64	Furnishing goods, men's.....	235	8,099	286	211	699	350	6,553	Mh	6,929	Jy	6,235	6,745	1,836	4,838	10	61	.....	10,247,616
65	Furniture.....	729	25,190	666	923	1,455	649	21,497											

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.							Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.			Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

\$638,593	\$405,132	\$3,681,333	\$161,629	\$333,342	\$46,217	\$7,315,204	\$107,627	\$14,962,871	\$7,540,040	3,929	902	438	20	2,569	10
176,776	209,813	1,706,146	.....	34,854	81,084	8,086,043	160,586	11,970,893	3,724,264	11,935	9,495	95	335	2,010	5,680
98,771	170,550	210,604	150	35,993	14,940	1,906,617	9,713	2,871,244	954,914	437	300	15	.....	122	10
78,078	41,455	408,544	10,151	35,214	7,595	1,258,190	19,150	2,258,190	873,626	863	708	45	.....	110	339
240,131	522,825	1,214,894	90,895	221,541	16,641	2,889,456	29,497	6,393,526	3,474,573	769	65	40	.....	664	39
257,808	157,115	3,575,023	30,342	18,310	192,627	10,002,667	434,249	15,671,038	5,234,122	37,220	22,835	110	11,650	2,625	8,701
81,849	51,542	538,202	7,165	10,049	874,748	25,933	8,169	2,194,088	1,293,407	1,428	1,270	16	40	102	810
36,325	13,468	127,197	.....	5,360	3,136	307,672	.....	599,685	283,344	274	140	39	.....	95	8
214,356	197,148	2,115,908	6,344	44,164	22,048	1,525,920	90,564	5,056,270	3,439,786	5,326	1,755	458	1,408	1,705	416
5,300	150	14,834	.....	1,100	.....	13,818	650	36,800	22,332	73	.....	8	.....	65	10
77,053	117,384	391,785	545	37,560	2,690	541,207	15,432	1,548,949	992,310	408	125	91	.....	192	11
8,606	2,060	65,372	.....	1,200	496	50,162	5,445	249,294	193,687	233	125	100	.....	8	12
95,857	62,477	1,375,285	2,160	2,733	11,668	660,383	47,214	2,545,726	1,838,129	2,926	1,180	229	908	634	416
27,540	15,077	288,632	3,639	1,571	7,194	260,350	21,823	675,501	393,328	1,686	345	30	505	806	.....
267,858	326,168	1,278,756	18,255	7,841	39,461	3,229,768	67,406	6,759,695	3,462,521	4,451	3,549	387	72	443	3,138
49,630	73,905	154,246	321	6,381	990	422,206	8,068	1,001,733	571,459	803	375	325	50	53	446
.....	.....	7,826	.....	300	179	7,336	1,289	28,561	19,936	131	50	14	.....	67	17
193,403	197,237	947,367	17,806	620	34,559	1,743,961	48,058	4,205,396	2,413,377	3,185	3,099	15	.....	86	2,692
24,825	55,026	169,317	128	540	3,733	1,056,265	9,991	1,524,005	457,749	332	25	48	22	237	19
164,794	186,961	503,994	12,869	23,409	10,327	5,173,627	26,722	7,143,111	1,942,762	1,088	940	.....	.....	148	512
56,655	44,269	154,195	10	12,719	10,166	778,433	20,884	1,354,886	555,569	944	530	.....	50	364	45
453,909	867,562	847,057	3,360	107,018	32,903	4,746,312	57,830	8,856,268	4,052,126	1,694	1,058	136	.....	500	459
514,373	508,077	2,925,211	109,637	146,783	80,221	10,039,132	412,846	16,302,576	5,850,598	13,497	9,924	522	1,897	1,154	3,908
205,177	190,707	449,889	2,150	69,458	39,729	3,775,641	108,976	6,225,856	2,341,239	3,576	3,262	15	.....	299	72
2,301,926	4,768,093	16,186,875	106,892	364,318	287,304	36,616,722	1,408,037	73,944,708	35,919,949	71,453	36,344	1,816	20	33,273	27,203
45,455	22,240	399,999	3,210	83,132	1,405	161,564	34,312	1,008,006	812,130	989	22	467	60	440	.....
108,557	276,775	595,721	21	27,362	27,362	1,246,364	141,867	3,188,884	1,800,653	488	100	28	.....	360	26
5,000	3,693	26,430	1,140	3,667	454	19,719	3,604	86,388	68,065	34	.....	25	.....	9	28
284,085	210,660	1,384,609	7,727	29,539	25,438	1,838,412	70,229	4,598,902	2,690,261	5,132	1,027	576	99	3,430	763
10,468	3,730	11,226	.....	4,590	241	109,901	1,260	153,970	42,809	83	.....	53	.....	30	29
55,316	25,251	328,438	6,026	66,806	972	142,117	10,804	982,062	829,141	314	.....	62	.....	252	4
310,898	511,067	1,684,252	50,714	115,088	54,679	1,441,531	61,706	5,269,603	3,766,366	2,005	100	.....	.....	1,905	36
1,560	3,118	37,501	4,580	7,477	5	11,524	369	106,165	94,272	6	.....	.....	.....	6	1
92,406	117,631	610,348	9,079	81,003	5,799	1,202,363	21,056	2,546,869	1,323,450	845	500	15	.....	330	227
248,090	372,338	1,358,113	94,551	242,229	7,967	3,755,919	41,857	7,446,561	3,648,785	1,399	699	205	6	489	50
5,540	15,848	54,006	33,959	10,471	316	660,263	1,117	893,765	232,385	5	.....	.....	.....	5	.....
12,719	77,978	122,783	950	38,054	170	83,036	6,001	872,949	383,912	193	166	5	.....	22	50
48,678	65,725	301,324	2,879	39,841	2,802	424,695	10,844	1,138,030	702,491	453	255	94	.....	104	38
8,460	12,521	61,917	12,591	11,852	231	85,369	1,437	241,728	154,922	31	.....	22	.....	9	39
5,467	7,736	54,452	2,518	11,500	201	33,058	2,634	162,680	116,988	239	165	42	6	26	40
167,226	192,530	763,631	41,654	130,511	4,247	2,069,498	19,824	4,147,409	2,058,087	478	113	42	.....	323	41
309,192	486,771	1,732,883	39,370	311,688	6,629	5,604,870	27,612	10,274,427	4,641,945	302	68	93	.....	141	42
197,023	172,644	711,899	800	1,030	28,839	2,862,020	78,590	4,826,574	1,885,964	4,872	3,450	.....	1,272	150	1,054
68,101	165,125	252,446	2,188	1,100	13,387	1,618,368	60,670	807,843	4,075,581	2,055	905	64	.....	1,086	101
10,541	11,903	97,354	271	3,080	820	45,448	8,458	203,492	149,586	110	450	40	.....	20	45
46,132	129,207	139,902	413	11,928	2,143	399,999	4,717	947,649	542,933	120	.....	18	.....	102	46
84,402	118,134	299,095	3,881	48,500	2,204	727,265	10,993	1,678,517	940,259	164	45	.....	.....	119	47
137,947	147,420	148,316	1,613	69,080	8,300	1,411,548	10,442	2,352,035	930,045	223	65	18	.....	140	48
494,643	609,001	1,996,609	24,017	121,649	159,881	66,923,047	499,714	77,408,764	9,986,008	72,269	19,595	8,039	31,314	13,321	3,226
693,524	960,447	2,131,513	24,201	267,569	101,790	20,069,061	382,110	32,165,811	11,714,640	9,204	2,836	1,062	150	5,156	429
119,469	252,806	463,840	3,000	13,554	41,944	2,934,714	79,822	7,146,710	4,132,174	2,373	515	53	150	1,655	10
76,333	122,052	444,429	1,400	95,482	15,397	2,177,416	87,293	3,430,696	1,165,987	2,392	867	822	.....	703	140
23,943	95,147	101,157	16,500	19,778	1,867	1,631,791	9,944	634,591	634,591	274	86	.....	.....	188	5
555	.....	7,861	.....	530	74	26,855	194	39,202	12,153	3	2	.....	.....	1	54
13,060	4,404	7,303	.....	5,482	2,229	255,802	2,126	364,296	106,368	46	.....	33	.....	13	55
371,536	413,616	789,015	3,301	122,928	29,646	7,632,607	129,418	12,432,626	4,670,601	2,523	871	114	.....	1,538	53
88,932	62,422	317,908	.....	9,815	10,633	5,409,876	73,313	6,475,955	992,760	1,593	495	40	.....	1,058	221
5,154,071	6,445,299	28,543,235	441,337	1,020,201	756,133	35,441,873	2,038,778	102,896,817	65,416,166	80,251	32,693	8,387	4,504	34,667	23,569
84,190	73,080	497,146	3,248	21,994	20,579	636,691	38,798	1,554,675	879,180	1,984	1,495	153	.....	151	538
786,750	370,297	4,332,212	24,392	82,721	4,571,521	596,530	12,400,203	7,292,152	57,244,828	13,704	3,667	375	.....	9,292	530
4,333,131	6,001,922	23,713,877	413,697	920,268	652,833	30,233,661	1,403,450	88,881,939	57,244,828	64,563	27,531	7,859	3,949	25,224	21,501
25,319	4,773	15,219	254	2,106	760	77,483	3,876	133,469	52,110	304	50	5	.....	249	62
486,866	1,246,866	4,343,418	182,747	1,145,701	40,691	16,734,861	87,175	30,312,136	13,490,100	1,345	75	7	.....	1,263	108
604,470	1,107,790	3,211,390	400,548	10,243	10,243	13,740,223									

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.			Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

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

1	Furs, dressed.....	52	1,124	59	37	45	9	974	Se	1,098	Fe	799	977	864	112	1	.....	\$1,640,155
2	Galvanizing.....	6	114	.....	10	11	3	90	My	96	Ja	81	86	80	.....	.....	.....	255,922
3	Gas and electric fixtures.....	138	3,617	104	163	403	90	2,857	Mh	885	Jy	787	2,892	2,709	104	13	6	5,129,440
4	Gas fixtures.....	43	1,051	28	51	109	21	842	Oc	1,838	Jy	1,632	857	733	118	1	5	1,442,600
5	Electric fixtures.....	79	2,240	61	97	264	61	1,757	Mh	277	De	213	1,768	1,716	41	10	1	3,315,151
6	All other.....	16	326	15	15	30	8	258	Ja	10,744	Mh	9,589	267	260	5	2	.....	371,689
7	Gas, illuminating and heating.....	131	14,895	7	502	3,943	353	10,090	Je	10,744	Mh	9,589	9,812	9,802	10	.....	.....	313,702,040
8	Gas machines and gas and water meters.....	11	1,469	4	30	127	39	1,269	.....	.....	.....	.....	1,251	1,170	80	1	.....	5,792,345
9	Gas and water meters.....	8	1,459	1	30	126	38	1,264	Jy	1,411	Ja	938	1,245	1,164	80	1	.....	5,768,690
10	Gas machines.....	3	10	3	1	1	1	5	Mh	3	No	4	6	6	.....	.....	.....	23,555
11	Glass.....	22	3,334	6	70	129	40	3,089	Fe	3,823	Au	1,760	3,273	3,060	152	55	6	6,950,256
12	Glass, cutting, staining, and ornamenting.....	182	2,644	181	108	123	84	2,148	Ja	2,343	Oc	1,921	2,263	2,006	240	13	4	2,753,534
13	Gloves and mittens, leather.....	216	6,968	283	168	292	199	6,026	Mh	6,750	No	4,379	6,556	3,087	3,429	22	18	9,394,923
14	Glue, not elsewhere specified.....	9	454	9	18	36	10	381	My	532	Se	229	524	482	42	.....	.....	2,459,102
15	Gold and silver, leaf and foil.....	38	309	42	3	12	7	245	Jy	253	Au	227	253	125	124	3	1	301,547
16	Gold and silver, reducing and refining, not from the ore.....	13	72	16	5	12	.....	39	No	44	My	38	43	43	.....	.....	.....	578,255
17	Grease and tallow, not including lubricating greases.....	41	1,213	33	59	80	14	1,027	.....	.....	.....	.....	960	962	7	.....	.....	3,903,890
18	Tallow.....	27	283	24	15	18	5	221	Se	232	Mh	213	225	222	3	.....	.....	1,125,065
19	All other.....	14	930	9	44	62	9	806	Je	877	No	721	744	740	4	.....	.....	2,778,195
20	Hair work.....	90	870	101	29	52	53	635	Mh	685	De	575	608	221	387	.....	.....	1,602,919
21	Hand stamps.....	47	325	43	24	33	18	207	Se	216	Ap	201	211	196	5	10	.....	262,942
22	Hardware.....	38	3,138	58	147	259	58	2,616	.....	.....	.....	.....	2,561	2,407	130	24	.....	6,839,778
23	Locks.....	13	249	9	10	7	1	222	Mh	234	Oc	208	216	209	6	1	.....	432,216
24	Hinges and other builders' ware.....	20	467	16	25	36	15	375	Ja	457	Se	331	388	375	2	11	.....	1,049,914
25	All other.....	55	2,422	33	112	216	42	2,019	Ap	2,220	Se	1,841	1,957	1,823	122	12	.....	5,357,048
26	Hat and cap materials.....	57	1,093	67	42	53	18	913	Ap	973	Se	851	1,044	753	290	1	.....	3,343,284
27	Hats and caps, other than felt, straw, and wool.....	293	4,996	449	103	193	94	4,187	Se	4,394	No	4,042	4,301	3,501	707	1	2	3,839,209
28	Hats, fur-felt.....	39	3,868	34	95	119	57	3,563	Oc	4,088	My	3,142	3,360	2,367	988	3	2	6,295,235
29	Hats, straw.....	76	3,691	67	118	204	144	3,158	Mh	4,048	Jy	1,947	3,482	1,571	1,891	4	16	4,166,143
30	Hats, wool-felt.....	7	395	5	10	12	3	365	Oc	537	De	259	259	183	70	.....	.....	1,151,778
31	Hosiery and knit goods.....	483	42,603	443	586	876	603	40,095	Mh	43,107	Au	35,580	41,064	14,060	26,200	140	664	67,471,516
32	House-furnishing goods, not elsewhere specified.....	143	3,352	138	116	227	118	2,753	.....	.....	.....	.....	2,779	969	1,784	2	24	6,586,583
33	Comforts and quilts.....	28	185	28	7	11	5	134	No	197	Ap	87	126	84	42	.....	.....	518,218
34	Feather pillows and beds.....	8	110	8	1	11	7	83	No	93	Jy	72	88	67	21	.....	.....	208,697
35	Cotton batting.....	8	230	1	24	12	10	183	Ap	132	De	176	180	169	11	.....	.....	849,290
36	Mops and dusters.....	4	38	4	1	3	2	28	De	3	Ja	23	31	10	21	.....	.....	34,696
37	All other.....	95	2,789	97	83	190	94	2,325	Oc	2,414	Jy	2,207	2,354	639	1,689	2	24	4,975,682
38	Ice, manufactured.....	111	1,679	38	129	83	22	1,407	Au	1,789	Ja	1,034	1,505	1,504	1	.....	.....	12,251,127
39	Ink, printing.....	26	871	21	59	244	58	489	Se	498	Ja	481	486	478	6	2	.....	4,146,191
40	Ink, writing.....	18	247	5	16	55	7	164	No	175	Fe	157	174	91	83	.....	.....	957,447
41	Instruments, professional and scientific.....	88	2,931	72	128	359	129	2,243	.....	.....	.....	.....	2,459	1,962	434	47	16	5,553,550
42	Medical and surgical.....	33	558	26	34	45	15	438	Ja	455	Ju	409	427	371	51	4	1	674,862
43	All other.....	55	2,373	46	94	314	114	1,805	Oc	2,246	Ja	1,497	2,032	1,591	383	43	15	4,878,688
44	Iron and steel, blast furnaces.....	8	2,086	.....	51	183	20	1,832	My	1,996	No	1,479	1,860	1,860	.....	.....	.....	34,912,875
45	Iron and steel, steel works and rolling mills.....	24	11,791	6	190	692	115	10,788	Ap	12,008	Au	9,701	10,388	10,294	91	3	.....	77,383,481
46	Iron and steel, bolts, nuts, washers, and rivets.....	7	1,431	4	15	90	17	1,305	Jy	1,358	No	1,236	1,247	1,106	141	.....	.....	5,314,674
47	Iron and steel, cast-iron pipe.....	3	224	.....	5	4	2	213	Mh	233	No	196	198	198	.....	.....	.....	401,228
48	Iron and steel, doors and shutters.....	15	1,051	15	16	77	37	906	No	1,097	Ja	754	1,008	1,002	.....	6	.....	2,123,547
49	Iron and steel forgings.....	24	1,696	9	58	124	41	1,464	Mh	1,560	No	1,334	1,351	1,342	5	4	.....	6,275,395
50	Iron and steel, nails and spikes, cut and wrought, including wire nails.....	7	150	2	13	9	2	124	Fe	155	Jy	98	131	118	13	.....	.....	425,631
51	Iron and steel, wrought pipe.....	4	187	1	10	13	4	159	Se	223	De	103	97	97	.....	.....	.....	1,017,521
52	Ivory, shell, and bone work, not including combs and hairpins.....	22	208	21	13	9	10	155	My	172	No	130	152	116	33	2	1	168,189
53	Japanning.....	10	84	12	3	1	2	66	Ja	72	De	62	63	62	1	.....	.....	117,461
54	Jewelry.....	566	7,093	685	237	604	516	5,051	Mh	5,294	Au	4,785	5,129	4,508	569	42	10	17,639,228
55	Jewelry and instrument cases.....	74	1,427	74	56	44	38	1,215	No	1,344	Ja	1,135	1,279	585	646	19	29	1,162,581
56	Labels and tags.....	35	870	23	44	101	53	649	Ja	684	Se	630	623	456	162	5	.....	1,256,706
57	Lamps and reflectors.....	45	1,912	29	78	112	49	1,644	.....	.....	.....	.....	1,374	1,221	151	2	.....	4,264,807
58	Automobile, carriage, and wagon lamps.....	11	319	13	8	13	7	278	Mh	322	Au	244	245	244	.....	.....	.....	423,173
59	All other lamps.....	28	1,409	11	62	69	36	1,231	Ap	1,437	De	936	994	842	151	1	.....	3,623,014
60	Reflectors.....	6	184	5	8	30	6	135	No	147	Jy	121	135	135	.....	.....	.....	218,620
61	Lapidary work.....	45	599	54	31	31	21	462	Mh	465	De	128	549	499	15	8	27	2,996,696
62	Lasts.....	15	476	8	29	31	5	403	Ja	473	Au	348	384	381	1	2	.....	977,011
63	Lead, bar, pipe, and sheet.....	6	227	1	17	25	10	174	Je	190	Ja	149	175	175	.....	.....	.....	1,032,068
64	Leather goods, not elsewhere specified.....	174	4,283	211	110	303	120	3,539	Oc	4,124	Ja	3,287	3,523	2,459	984	45	35	4,512,283

1 Owned power only.

2 Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$133,381	\$55,314	\$596,360	\$67,359	\$62,247	\$4,689	\$565,534	\$38,545	\$1,945,004	\$1,340,925	1,234	665	87	482	1
19,580	11,235	60,848	.....	10,570	1,674	170,353	12,566	305,160	122,241	175	100	.....	75	2
424,464	620,792	1,894,638	16,897	252,719	22,786	3,233,413	94,812	7,703,371	4,375,146	1,932	740	310	880	15
118,849	150,953	547,311	.....	58,947	1,623	909,330	26,487	2,169,753	1,233,936	337	.....	35	300	3
276,985	424,942	1,192,168	13,763	172,674	20,452	1,984,795	61,165	4,826,493	2,780,533	1,415	665	238	512	15
28,630	44,897	155,159	3,134	21,098	711	339,288	7,160	707,125	360,677	180	75	37	68	6
1,349,506	2,497,003	5,926,803	107,844	53,405	2,981,539	7,116,578	14,443,208	52,815,589	31,255,803	44,637	42,778	359	1,480	3,797
189,519	233,748	839,214	707	8,726	43,277	1,458,798	56,133	4,096,906	2,581,975	1,653	395	752	506	7
188,479	232,370	834,653	707	2,676	43,119	1,453,665	55,885	4,076,757	2,567,207	1,646	395	750	501	425
1,040	1,378	4,561	.....	1,050	158	5,133	248	20,149	14,768	7	.....	2	5	10
250,466	151,147	2,157,555	14,332	2,850	34,630	1,299,266	385,551	5,156,714	3,471,897	2,415	1,365	150	900	748
164,165	175,185	1,324,879	30,213	117,389	7,973	1,593,120	55,051	4,361,798	2,713,627	1,259	316	385	523	17
255,857	448,832	2,697,122	909,397	69,601	19,278	7,027,079	53,340	12,845,284	5,764,865	1,098	543	72	481	68
49,770	83,159	249,379	.....	9,807	6,951	1,802,351	139,560	2,483,254	541,343	2,082	2,070	3	9	904
10,000	14,246	125,121	1,605	11,094	1,662	434,054	5,527	703,559	263,978	77	1	22	54	15
5,550	10,121	35,891	1,028	21,923	1,194	2,159,293	4,913	2,760,181	595,975	160	28	107	25	16
131,217	88,281	812,264	11,475	223,682	28,535	3,481,332	339,521	5,517,876	1,697,023	4,076	3,709	31	336	1,162
27,490	16,870	167,607	1,638	7,882	7,173	1,345,958	51,782	1,751,774	354,034	1,231	1,146	7	78	303
103,727	71,411	644,657	9,837	215,800	21,362	2,135,374	287,739	3,786,102	1,342,989	2,845	2,563	24	253	859
66,540	102,751	295,871	16,547	68,379	3,966	1,026,538	6,001	2,022,833	990,294	27	.....	4	23	20
38,984	31,639	131,937	3,734	31,232	430	181,900	6,061	567,674	379,713	98	15	6	77	21
365,335	247,076	1,674,475	5,232	106,731	30,613	2,805,385	90,668	6,374,719	3,478,666	4,123	2,260	752	1,011	522
16,253	6,800	142,063	2,528	8,375	5,526	67,293	6,283	326,723	253,147	200	150	19	31	23
67,191	51,034	271,906	1,618	17,468	3,566	358,163	18,406	941,318	564,749	699	378	131	190	64
281,891	189,242	1,260,506	1,086	80,888	21,521	2,379,929	65,979	5,106,678	2,660,770	3,224	1,732	602	790	510
69,294	84,998	451,035	26,708	48,319	6,701	2,632,329	19,859	3,715,257	1,063,069	986	785	36	165	353
185,670	252,435	2,643,273	68,887	264,170	2,450	5,367,769	55,428	10,945,900	5,522,703	720	100	34	583	26
198,219	132,592	1,854,477	288	48,759	20,213	3,407,917	82,811	6,637,830	3,146,652	2,388	1,975	35	268	76
283,248	364,641	1,856,594	6,769	221,950	8,147	5,835,719	54,557	10,181,893	4,291,617	1,111	380	59	200	472
34,940	20,734	178,165	10,602	7,911	17,773	177,711	17,773	413,887	218,403	1,141	629	.....	448	64
1,668,909	1,983,549	17,814,148	1,517,566	376,071	288,574	42,965,846	894,033	78,220,235	34,369,356	41,127	27,039	521	5,820	7,747
287,623	311,367	1,343,667	19,124	139,818	27,887	7,995,229	63,115	10,907,901	2,849,557	2,617	892	373	245	1,107
13,130	12,187	71,261	900	19,772	649	502,897	7,509	718,096	207,690	303	.....	.....	303	33
4,260	19,857	61,869	.....	6,516	184	185,653	1,080	306,372	119,639	49	2	1	46	34
67,021	17,123	92,790	.....	1,000	4,220	582,235	18,449	933,864	333,180	1,160	200	350	365	35
936	3,636	7,982	271	2,125	10	22,040	1,591	49,393	25,762	40	35	.....	5	36
202,276	258,664	1,109,765	17,953	110,405	22,824	6,702,404	34,486	8,900,176	2,163,286	1,065	655	22	388	101
221,342	78,251	1,175,542	5,289	146,755	135,562	526,772	1,140,695	4,896,778	3,229,311	37,746	31,870	2,608	3,252	3,075
436,952	404,024	403,717	56,244	43,450	22,837	2,580,092	65,166	6,169,815	3,524,557	3,003	2,402	345	256	742
50,894	107,962	88,953	.....	20,898	4,675	358,708	6,929	892,465	526,828	174	.....	67	107	40
313,460	375,459	1,456,754	78,704	106,532	29,685	1,580,542	59,584	5,367,989	3,727,863	1,681	915	136	630	749
71,524	52,536	291,215	11,137	28,911	2,002	226,712	16,215	974,029	731,102	438	195	64	179	40
241,936	322,923	1,165,539	67,567	77,621	27,683	1,353,830	43,369	4,393,960	2,996,761	1,243	720	72	451	709
255,110	250,026	1,324,737	.....	59,950	158,536	9,605,918	6,681,234	18,485,638	2,198,486	97,749	54,130	34,320	9,299	7,488
706,477	931,355	7,664,005	1,808	10,405	288,348	15,720,426	2,496,187	32,077,757	13,861,144	149,462	99,258	6,945	42,200	5,012
64,552	115,900	688,291	50,685	6,620	17,546	1,295,445	91,942	2,952,047	1,564,660	3,102	1,130	30	1,942	350
7,064	5,852	124,117	226	2,198	168,801	17,590	370,704	184,313	293	90	.....	203	47	
45,549	122,296	634,986	82,853	6,138	657,914	17,351	1,856,761	1,181,496	1,302	315	154	550	283	460
195,401	162,471	1,087,124	13,514	30,500	1,029,313	250,193	3,570,582	2,291,076	6,253	3,051	28	550	2,624	1,406
29,712	9,148	76,436	.....	1,436	4,396	195,895	5,818	361,278	159,595	533	160	118	105	50
27,245	22,736	103,330	3,038	3,038	225,436	17,799	411,283	168,048	500	440	50	.....	10	526
16,260	11,037	77,164	.....	14,840	17	199,074	4,813	372,838	168,351	102	.....	32	70	52
20,481	1,793	43,600	.....	9,533	111	33,848	2,714	127,138	90,576	66	.....	9	57	53
604,200	1,042,096	3,872,180	176,655	477,264	12,043	11,001,742	100,093	21,810,245	10,708,410	2,146	40	79	2,027	27
108,224	58,921	567,823	22,684	63,558	2,154	675,547	13,678	1,934,303	1,245,078	624	.....	117	507	55
140,959	139,180	398,120	13,001	80,088	4,355	784,271	16,764	1,966,815	1,165,780	501	.....	97	404	56
203,176	135,038	938,267	4,330	63,759	23,796	1,771,649	38,492	3,544,082	1,733,941	1,558	1,075	129	354	423
30,160	23,756	160,510	30	8,558	2,485	193,166	7,058	508,764	308,540	155	.....	4	151	57
152,853	80,310	683,086	4,300	43,645	20,185	1,409,743	26,389	2,635,505	1,199,373	1,270	1,015	71	184	423
20,163	20,972	94,671	.....	11,556	1,126	168,740	5,045	399,813	226,028	133	60	54	19	60
94,214	50,961	549,510	2,218	67,143	1,317	3,488,121	13,928	4,703,726	1,201,713	452	6	8	439	61
67,820	42,890	301,873	10,689	19,144	6,635	265,742	21,867	979,762	692,117	1,302	863	32	407	165
52,044	41,706	130,767	17,271	3,695	11,344	1,017,692	13,417	1,301,201	270,092	593	560	.....	33	62
220,536	432,820	1,940,089	67,888	220,336	10,143	5,286,226	38,682	9,894,716	4,569,808	672	150	36	486	71

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.				
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			16 and over.		Under 16.					
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.		Female.			
								Maximum month.	Minimum month.								
1 Leather, tanned, curried, and finished.	98	5,920	114	136	252	58	5,360	Fe	5,714	Se	5,056	5,697	5,644	45	8	\$27,064,638	
2 Lime.	23	348	12	14	12		310	Ap	364	De	202	333	333			880,278	
3 Liquors, distilled.	17	743	10	17	45	13	658	Je	672	Fe	555	732	722	10		2,893,027	
4 Alcohol.	3	646		5	20	4	617	No	68	Ap	26	667	662	5		2,020,730	
5 Brandy and gin.	14	97	10	12	25	9	41	Au	10,246	Fe	9,477	65	60	5		872,297	
6 Liquors, malt.	153	11,956	38	587	1,408	97	9,826	Au	350	Au	213	9,809	9,756	22	31	153,511,510	
7 Liquors, vinous.	42	397	37	37	59	14	250	Oc				294	265	29		3,210,060	
8 Lithographing.	146	7,614	86	241	559	225	6,503	No	6,593	My	6,404	6,604	5,552	1,036	14	2	15,241,409
9 Looking-glass and picture frames.	157	1,513	158	62	99	42	1,152	Mh	1,206	De	1,089	1,167	1,077	78	11	1	1,892,349
10 Lubricating greases.	17	170	12	25	30	29	74	Ap	80	Jy	71	73	68	5		9,571,440	
11 Lumber and timber products.	969	7,852	1,089	228	136	39	6,360	My	7,389	De	5,820	8,406	8,349	28	29	17,945,179	
12 Lumber, planing-mill products, not including planing mills connected with sawmills.	607	13,821	520	713	860	253	11,475	Se	12,199	De	10,623	11,273	11,220	43	10	36,721,627	
13 Malt.	25	658	10	46	61	8	533	Fe	662	Se	386	667	664	2	1	11,762,524	
14 Marble and stone work.	551	6,118	612	311	323	74	4,798					4,686	4,641	40	5	12,569,681	
15 Marble and stone work, other than slate.	545	6,035	608	307	321	71	4,728	Jy	5,634	Fe	3,868	4,604	4,560	39	5	12,470,388	
16 Roofing slate.	6	83	4	4	2	3	70	My	84	De	47	82	81	1		99,593	
17 Mattresses and spring beds.	196	2,544	219	105	159	65	1,996	Se	2,102	Ja	1,874	2,000	1,463	474	51	12	3,111,776
18 Millinery and lace goods.	1,308	31,725	1,566	720	2,071	1,244	26,124	Mh	6,897	Jy	5,368	22,787	6,963	15,391	111	322	31,288,602
19 Embroideries.	429	7,634	505	188	476	227	6,238	Mh	6,897	Jy	5,368	6,519	1,794	4,553	33	139	9,341,419
20 Trimmed hats and hat frames.	380	10,774	462	258	718	476	8,860	Mh	11,279	Je	6,678	8,315	3,406	5,303	63	43	9,993,018
21 Dress and cloak trimmings, braids and fringes.	178	2,652	214	84	206	125	2,023	Se	2,291	Je	1,824	2,001	608	1,352	8	33	2,242,454
22 Women's neckwear.	113	5,406	134	77	414	243	4,538	Oc	5,257	Jy	3,902	951	419	485	3	44	4,717,582
23 All other.	208	5,259	251	113	257	173	4,465	Oc	4,821	Jy	4,106	4,501	736	3,698	4	63	4,991,220
24 Mineral and soda waters.	612	3,891	670	163	379	82	2,897	Oc	3,138	Ja	2,209	2,585	2,470	105	10		8,764,298
25 Minerals and earths, ground.	23	494	16	34	28	5	411	Ap	454	Se	370	422	422			6,683,491	
26 Mirrors, framed and unframed.	55	1,221	56	47	75	31	1,012	Mh	(*) 1,046	Jy	974	1,028	998	21	0		2,550,185
27 Models and patterns, not including paper patterns.	140	1,565	143	86	83	60	1,193	Mh	1,307	No	1,098	1,149	1,002	136	7	4	1,996,817
28 Motorcycles, bicycles, and parts.	16	757	9	42	32	21	653	Ja	861	Se	445	590	590			1,704,343	
29 Muclage and paste.	26	479	18	35	90	36	300	Ap	311	My	288	314	238	71	5		1,760,827
30 Musical instruments and materials.	61	332	72	14	10	9	227					226	218	7	1		474,098
31 Brass and other metal.	7	53	9	2	3	2	37	Fe	42	Au	32	36	35	1			77,432
32 Violins and other stringed instruments.	30	133	35	5	7	5	81	Je	88	Se	72	86	84	2			207,221
33 All other.	24	146	28	7		2	109	Fe	117	Au	99	104	99	4	1		189,445
34 Musical instruments, organs.	16	714	21	21	11	13	648	Fe	710	Se	598	653	604	40	8	1	1,725,517
35 Musical instruments, pianos.	103	9,258	34	276	502	244	8,202	Mh	8,754	Jy	7,160	8,356	8,177	124	55		30,663,547
36 Musical instruments, piano and organ materials.	41	3,981	15	94	83	37	3,752	Mh	3,993	Jy	3,495	3,652	3,121	426	96	9	8,650,537
37 Needles, pins, and hooks and eyes.	6	249	3	10	4	2	230	Mh	268	De	196	196	77	113	3	3	395,473
38 Oil, essential.	5	23	3	6	1		13	Ja	15	My	11	15	14	1			74,955
39 Oil, linseed.	6	714	2	33	106	35	538	No	727	Jy	310	681	650	1			15,024,994
40 Oil, not elsewhere specified.	37	410	13	49	139	29	180	Je	224	Ja	143	201	194	7			1,344,524
41 Optical goods.	70	3,866	56	138	430	254	2,988	Fe	3,116	Jy	2,824	3,117	2,835	713	62	7	7,286,615
42 Paints.	105	3,769	73	211	643	187	2,655	Ap	2,782	De	2,511	2,538	2,269	265	1	3	19,124,045
43 Paper and wood pulp.	150	14,698	57	421	491	159	13,570					13,633	13,120	512		1	110,846,303
44 Paper exclusively.	76	3,611	39	180	83	60	3,244	Mh	3,316	No	3,152	3,297	2,993	303			15,548,019
45 Pulp exclusively.	18	543	16	17	21	7	482	Fe	611	Au	335	593	533				5,046,945
46 Paper and pulp.	95	10,544	2	224	332	92	9,844	Ap	10,255	Au	9,389	9,803	9,594	209			90,251,339
47 Paper goods, not elsewhere specified.	56	4,161	49	178	332	188	3,364	My	3,687	De	3,092	3,191	1,940	1,228	5	18	9,460,015
48 Paper patterns.	13	1,759	5	26	306	566	856	Jy	913	Ja	799	836	205	629	1	1	2,022,950
49 Patent medicines and compounds.	566	5,377	365	504	920	794	2,794	Fe	2,995	Je	2,486	3,009	1,551	1,441	9	8	15,152,807
50 Paving materials.	54	2,645	27	87	96	21	2,414	Je	3,200	Fe	1,149	2,661	2,659	2			9,207,749
51 Pens, fountain and stylographic.	22	985	19	34	231	173	528	Mh	572	Se	505	526	460	65		1	1,705,283
52 Pens, gold.	9	262	6	16	15	13	212	Ja	233	De	194	196	170	25	1		382,216
53 Perfumery and cosmetics.	159	2,242	106	141	324	417	1,234	Oc	1,356	Ja	1,136	1,207	469	722	3	13	4,185,364
54 Phonographs and graphophones.	5	72	3	6	17	2	44	No	65	Fe	26	64	62	2			220,178
55 Photo-engraving.	89	2,348	49	144	358	87	1,710	Mh	1,745	Se	1,673	1,733	1,673	45	15		1,762,603
56 Photographic apparatus.	35	1,677	16	52	120	54	1,435	Je	1,584	Ja	1,360	1,261	985	258	13	5	2,593,834
57 Cameras and motion-picture machines.	18	1,093	9	19	103	38	924	Fe	1,038	De	781	786	589	196	1		1,678,416
58 All other apparatus and parts.	17	584	7	33	17	16	511	Je	549	Ja	462	475	396	62	12	5	915,418
59 Photographic materials.	24	7,826	8	243	1,001	583	5,991	Mh	6,340	De	5,399	5,401	3,791	1,598	10	2	29,373,365
60 Pickles, preserves, and sauces.	107	2,646	102	87	219	59	2,179	Se	2,244	Ja	1,874	2,275	1,111	1,162	2		5,559,658
61 Preserves.	16	650	9	28	67	22	524	Fe	611	Au	335	593	533				1,140,051
62 Pickles and sauces.	91	1,996	93	59	152	37	1,655	Oc	2,264	My	1,262	1,665	767	896	2		4,419,604
63 Pipes, tobacco.	20	1,567	22	13	29	11	1,492	Mh	1,588	De	1,360	1,360	1,091	249	6	14	1,330,472
64 Plated ware.	21	2,712	13	59	232	181	2,227	Je	2,344	Ja	1,874	2,359	1,836	517	4	2	5,771,345
65 Knives, forks, and spoons.	7	903	3	28	104	92	676	Se	871	Je	510	780	622	157	1		3,066,715
66 All other.	14	1,809	10	31	128	89	1,551	Ap	1,927	Jy	1,189	1,579	1,214	360	3	2	2,704,630
67 Plumbers' supplies, not elsewhere specified.	49	1,366	33	69	84	62	1,118	Se	1,156	Ja	1,014	1,154	1,125	29			3,852,442
68 Pocketbooks.	36	929	49	20	51	33	776	Oc	1,011	De	637	637	429	201	4	3	742,618

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										POWER.						
Salaries and wages.			Rent and taxes.			For materials.				Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.	Total.	Steam engines. ¹			Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).		

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

\$474,128	\$319,850	\$2,955,163	\$424,200	\$100,482	\$78,718	\$27,558,748	\$353,523	\$36,018,342	\$8,106,071	20,039	15,252	1,080	545	3,162	5,918	1
22,159	11,236	149,400	1,000	2,310	4,401	84,852	103,839	502,647	313,956	720	642	6	25	47	5	2
64,616	88,803	492,286	142,447	255,310	9,379,741	4,256,771	225,198	15,492,582	11,010,613	5,781	5,511	177	-----	93	1,493	3
31,582	14,400	467,733	142,247	233,450	9,332,333	3,947,385	218,825	14,886,310	10,720,100	5,225	5,215	-----	-----	10	1,485	4
33,034	74,403	24,553	200	21,860	47,403	309,386	6,373	606,272	290,513	556	286	177	-----	83	8	5
3,304,239	2,251,976	8,742,483	388,542	227,306	15,863,593	22,325,730	2,169,029	85,673,426	61,178,667	65,362	60,887	735	-----	3,760	16,477	6
88,067	116,593	127,050	3,501	8,055	45,347	770,320	7,375	1,694,834	917,139	433	325	65	8	10	4	7
892,247	932,186	5,097,711	449,520	544,007	61,067	5,663,208	166,964	16,958,785	11,128,613	6,007	3,180	319	-----	2,508	2,927	8
133,385	123,243	681,624	8,034	156,923	5,410	1,121,249	21,572	2,778,659	1,635,838	714	473	54	-----	187	81	9
45,303	44,989	41,001	-----	10,634	3,019	512,822	5,216	802,984	284,896	56,930	38,819	2,324	13,947	1,840	1,792	11
316,733	124,663	3,279,658	1,549,710	67,684	128,624	4,696,406	100,182	12,740,594	7,944,006	47,356	33,776	3,292	2,279	8,009	6,568	12
1,359,717	955,488	7,633,556	365,412	353,054	194,854	21,040,798	411,816	36,449,837	14,997,223	-----	-----	-----	-----	-----	-----	-----
200,604	102,165	503,051	2,539	23,390	79,419	10,114,739	270,865	12,380,622	1,995,018	7,403	2,129	25	275	4,974	617	13
640,232	375,143	4,140,544	630,522	253,460	73,969	4,797,650	231,738	13,324,209	8,294,821	15,403	8,107	2,242	240	4,814	3,675	14
683,254	372,401	4,104,596	630,246	249,809	73,361	4,744,709	228,939	13,199,354	8,225,686	15,218	7,940	2,229	240	4,809	3,675	15
6,973	2,742	35,943	276	3,651	608	52,941	2,779	124,855	69,135	185	167	13	-----	5	-----	16
183,740	193,732	1,191,732	29,890	188,532	7,149	3,799,976	51,294	6,496,972	2,645,702	1,825	490	225	50	1,060	100	17
1,571,746	3,008,976	12,839,797	1,585,878	1,889,833	43,478	30,903,785	351,600	72,328,556	35,073,111	6,756	2,156	332	500	3,768	358	18
436,369	595,831	3,156,397	1,094,384	401,696	21,194	5,966,785	88,361	15,007,114	8,951,968	2,930	1,500	20	500	910	204	19
590,133	1,020,114	5,032,919	60,819	758,482	9,683	15,237,111	132,327	27,912,513	12,543,075	1,575	168	147	-----	1,260	30	20
125,522	261,365	878,477	63,826	171,893	2,194	3,755,833	32,003	6,285,539	2,497,703	660	50	87	-----	523	37	21
201,023	745,854	2,019,770	121,470	284,655	4,027	6,054,143	46,061	11,921,350	5,821,146	532	30	15	-----	487	22	22
218,699	385,812	1,802,234	245,379	273,107	6,375	5,839,913	52,908	11,202,040	5,259,219	1,059	408	63	-----	588	65	23
336,421	417,045	1,609,139	6,150	241,218	45,018	3,802,882	117,589	9,038,767	5,118,296	3,037	977	808	33	1,219	326	24
53,655	24,194	258,917	7,336	17,374	10,836	382,181	54,590	1,074,569	637,798	6,259	855	204	4,105	1,095	150	25
73,881	94,230	634,417	11,250	75,328	8,845	1,807,259	32,663	3,166,982	1,327,030	1,189	529	265	75	320	109	26
182,288	115,162	753,113	14,226	144,748	5,002	884,572	38,940	3,073,016	2,149,504	1,152	324	176	53	599	7	27
68,658	41,607	453,908	-----	8,716	6,302	808,133	31,754	1,649,744	809,857	991	275	121	-----	595	48	28
76,678	87,168	159,782	720	14,161	14,009	1,014,938	29,373	1,874,483	830,172	759	327	66	-----	366	198	29
23,062	14,147	135,749	1,735	35,966	2,645	177,769	6,820	635,931	451,342	192	30	102	-----	60	35	30
3,892	3,094	24,623	-----	5,270	43	14,613	1,719	77,989	61,657	34	-----	22	-----	12	-----	31
12,080	10,277	44,886	-----	17,660	1,769	59,408	2,395	309,340	247,542	70	30	24	-----	16	35	32
7,090	776	66,340	1,735	883	103,753	2,708	108,753	248,602	142,143	88	-----	56	-----	32	-----	33
39,004	15,091	408,025	4,213	8,158	6,162	427,292	11,922	1,260,311	821,097	416	30	20	-----	366	-----	34
1,038,286	730,552	5,509,675	267,578	527,379	100,599	11,896,519	165,847	24,406,261	12,343,895	6,565	4,526	320	30	1,689	2,006	35
341,311	118,331	2,058,109	7,731	154,604	25,927	3,174,729	79,489	7,405,209	4,150,991	4,546	3,592	63	-----	891	1,244	36
22,770	5,631	91,826	16,978	4,143	1,735	98,987	3,289	306,838	204,592	187	150	-----	-----	37	30	37
12,913	600	8,698	1,500	950	139	126,422	5,513	170,551	38,616	120	120	-----	-----	-----	10	38
130,698	317,326	377,695	10,242	1,200	46,655	14,008,183	113,316	16,686,597	2,565,098	5,147	1,426	115	250	3,356	1,200	39
162,806	203,761	106,082	5,619	34,188	6,069	1,925,748	18,074	2,664,911	723,099	693	537	-----	-----	156	20	40
404,437	526,253	1,824,294	1,848	64,386	23,925	1,637,647	74,525	3,892,173	3,980,001	2,880	95	-----	-----	2,785	3	41
716,116	1,118,950	1,734,975	4,740	149,745	127,243	13,559,166	263,658	22,425,958	8,603,134	12,234	7,066	2,902	260	2,006	2,220	42
1,251,551	740,202	8,576,820	41,829	165,962	571,460	31,888,382	4,042,077	56,335,681	20,405,222	392,268	83,027	328	278,795	30,118	33,590	43
436,677	143,362	2,001,194	6,029	76,163	80,076	7,971,734	1,024,746	4,975,480	19,220	51,148	28,905	19,220	2,873	4,329	44	44
31,613	25,536	294,441	1,500	55,507	18,935	1,095,465	76,776	1,725,514	553,273	35,919	600	62	34,112	1,145	1,378	45
783,261	571,304	6,281,185	34,300	34,292	472,449	22,821,183	2,940,555	40,638,207	14,876,469	305,201	53,522	116	225,463	26,100	27,883	46
484,308	595,926	1,674,315	8,599	184,187	133,021	7,007,285	156,470	12,648,049	5,484,294	6,841	4,878	333	755	875	2,887	47
103,563	609,150	1,455,325	11,669	44,556	14,349	428,973	16,985	1,966,812	1,550,904	157	100	-----	-----	57	-----	48
1,557,943	1,417,004	1,529,633	55,825	393,052	131,255	8,487,279	104,594	25,650,716	17,058,843	3,209	1,719	456	2	1,032	670	49
229,793	130,589	1,324,438	126,735	54,982	44,029	1,221,605	214,049	3,965,431	2,529,777	17,560	12,842	403	50	4,265	1,019	50
72,690	242,669	340,706	100,098	32,773	2,295	746,414	12,686	4,595,404	3,836,304	202	-----	35	-----	167	-----	51
31,748	27,818	148,955	293	14,551	1,279	260,790	4,377	573,814	308,647	100	-----	22	-----	78	-----	52
493,524	733,314	600,494	651	218,096	49,158	3,496,619	10,111	7,289,251	3,773,521	646	160	34	2	450	-----	53
15,400	13,675	33,690	-----	12,367	141	54,694	3,163	160,603	102,746	68	40	-----	-----	28	-----	54
374,101	429,714	1,809,825	68,584	165,662	3,821	845,099	66,974	4,256,431	3,344,358	630	-----	18	1	611	-----	55
178,420	134,756	890,130	47,777	54,350	7,991	1,101,661	29,850	3,062,778	1,931,267	795	400	37	-----	353	208	56
113,246	99,968	586,293	46,150	39,751	4,668	895,720	21,390	2,251,948	1,334,838	407	100	22	-----	285	4	57
65,174	34,788	303,887	1,627	14,599	3,023	205,941	8,460	810,830	596,429	388	300	15	-----	73	204	58
708,470	1,594,676	3,871,613	-----	16,030	236,449	8,442,511	229,865	32,111,561	23,439,185	13,841	11,620	163	-----	2,058	9,929	59

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Average number.	Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.		Number, 15th day of—			Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.							

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

1	Printing and publishing, book and job.	2,369	35,323	2,217	1,592	3,443	2,271	25,800					25,780	20,725	4,731	284	40	\$62,307,813
2	Job printing.....	2,075	29,594	2,023	1,203	1,532	904	23,932	Mh	25,226	Jy	22,839	23,944	19,626	4,005	275	38	39,100,207
3	Book publishing and printing.....	33	2,086	17	57	329	98	1,585	Ja	1,758	Oc	1,489	1,560	850	701	7	2	4,654,386
4	Book publishing without printing.....	229	3,295	142	305	1,578	1,263	7	Se	10	Jy	5	6	1	5	.....	.....	17,991,973
5	Linotype work and typesetting.....	32	348	35	27	4	6	276	Ja ^s	283	De ^s	270	270	248	20	2	.....	561,248
6	Printing and publishing, music.....	73	1,019	54	73	303	152	437					438	367	69	2	.....	1,944,748
7	Printing and publishing.....	14	501	11	14	25	14	437	Ap	448	Jy	424	438	367	69	2	.....	758,721
8	Publishing without printing.....	59	518	43	59	278	138	.....					438	367	69	2	.....	1,186,027
9	Printing and publishing, newspapers and periodicals.....	1,717	45,171	1,197	2,426	13,778	7,681	20,089					20,697	17,634	2,759	285	19	97,641,233
10	Printing and publishing.....	137	21,049	57	595	6,524	2,343	11,530	De	11,809	Jy	11,304	11,814	10,278	1,357	173	6	47,342,864
11	Printing, publishing, and job printing.....	779	12,913	618	668	2,161	1,126	8,340	De	8,497	Au	8,121	8,706	7,294	1,292	111	9	25,635,466
12	Publishing without printing.....	801	11,209	522	1,163	5,093	4,212	219	Fe	282	Oc	170	177	62	110	1	4	24,662,903
13	Printing materials.....	21	228	14	19	27	8	160	Oc	170	Au	153	161	154	6	1	.....	502,030
14	Pulp goods.....	7	412	5	13	33	14	347	Fe	402	No	281	298	264	34	.....	.....	1,606,816
15	Pumps, not including power pumps.....	19	382	13	19	20	15	315	Ap	337	No	290	299	298	1	.....	.....	911,137
16	Pumps, steam and other power.....	18	2,004	3	58	294	87	1,562					1,451	1,449	2	.....	.....	6,351,045
17	Steam pumps.....	7	798	1	26	91	16	664	Ja	706	No	577	607	605	2	.....	.....	2,371,749
18	Other power.....	11	1,206	2	32	203	71	898	Jy	945	De	845	844	844	.....	.....	.....	3,979,296
19	Refrigerators.....	29	773	17	34	54	12	656	My	764	Au	432	609	607	.....	2	.....	1,568,248
20	Regalia and society badges and emblems.....	39	220	47	12	13	7	141	De	147	Ap	135	147	54	87	.....	6	165,408
21	Roofing materials.....	21	479	8	34	54	35	348					353	352	1	.....	.....	1,889,838
22	Metal shingles and ceilings.....	6	47	3	2	5	3	34	Mh	44	Se	28	35	35	.....	.....	.....	54,276
23	All other.....	15	432	5	32	49	32	314	No	378	Fe	211	318	317	1	.....	.....	1,835,557
24	Rubber goods, not elsewhere specified.....	45	4,161	24	90	311	103	3,633	My	3,973	De	2,984	3,107	2,178	896	10	23	9,700,399
25	Saddlery and harness.....	246	1,214	264	43	61	23	818	Ja	914	Jy	767	805	765	37	3	.....	2,355,067
26	Safes and vaults.....	3	261	9	80	17	.....	155	Fe	173	No	136	139	137	1	1	.....	585,973
27	Salt.....	26	1,659	11	56	69	13	1,510	Se	1,644	Fe	1,301	1,487	1,365	122	.....	.....	13,907,851
28	Sand and emery paper and cloth.....	3	244	2	7	45	8	182	Ap ^s	189	Oc	170	179	176	3	.....	.....	1,476,092
29	Sausage, not made in slaughtering and meat-packing establishments.....	153	639	177	9	46	11	396					407	404	2	1	.....	1,038,661
30	Canned.....	5	18	5	.....	.....	.....	13	Au	15	Fe ^s	12	13	13	.....	.....	.....	8,710
31	All other.....	148	621	172	9	46	11	383	De ^s	393	Jy ^s	369	394	391	2	1	.....	1,024,951
32	Saws.....	16	295	13	20	21	13	228	Mh	262	Oc	183	196	178	18	.....	.....	969,283
33	Scales and balances.....	13	659	9	24	73	37	516	Fe	555	Au	478	536	533	2	1	.....	880,966
34	Screws, machine.....	6	133	3	10	5	2	113	My	132	De	94	101	101	.....	.....	.....	248,355
35	Sewing machines and attachments.....	15	222	10	9	42	7	154					150	150	.....	.....	.....	541,063
36	Sewing machines.....	10	207	7	8	42	7	143	Ja	171	Au	81	138	138	.....	.....	.....	516,298
37	Attachments.....	5	15	3	1	.....	.....	11	My ^s	13	De	8	12	12	.....	.....	.....	24,765
38	Shipbuilding, iron and steel.....	11	3,222	6	32	149	12	3,023	My	3,511	Oc	2,659	2,877	2,874	2	.....	1	10,692,514
39	Shipbuilding, wooden, including boat building.....	196	3,510	218	104	115	20	3,053					2,885	2,881	4	.....	.....	7,306,380
40	New vessels.....	49	1,438	64	55	43	5	1,271	My	1,571	Au	1,049	1,133	1,131	2	.....	.....	2,868,729
41	Repair work only.....	34	1,561	31	27	55	10	1,438	Ja	1,649	Au	1,211	1,439	1,438	1	.....	.....	3,272,130
42	Small boats.....	105	485	115	21	17	5	327	Ap	417	No	224	298	297	1	.....	.....	1,114,630
43	Masts, spars, oars, and rigging.....	8	26	8	1	.....	.....	17	Je	22	De	10	15	15	.....	.....	.....	50,891
44	Shirts.....	270	18,463	344	241	853	532	16,443	Fe	18,027	Au	14,692	17,014	4,406	12,402	17	189	21,353,103
45	Show cases.....	21	405	18	23	16	9	339	Fe	365	De	307	311	295	16	.....	.....	354,597
46	Signs and advertising novelties.....	272	3,127	262	141	197	135	2,392					2,323	1,825	478	18	2	3,553,122
47	Electric signs.....	15	323	8	22	25	18	250	Oc	281	Jy	237	248	243	4	1	.....	390,644
48	Signs other than electric.....	213	1,643	219	76	79	52	1,217	My	1,281	De	1,081	1,120	983	125	11	1	1,567,692
49	Advertising novelties.....	44	1,161	35	43	93	65	925	Se	1,065	Ja	787	955	599	349	6	1	1,594,786
50	Silk goods, including throwsters.....	143	12,669	109	234	492	175	11,659					11,495	5,126	6,025	153	191	21,363,261
51	Finished products.....	117	10,025	85	195	441	155	9,149	Se	9,453	De	8,302	8,907	3,848	4,764	131	164	17,506,361
52	Throwsters and winders.....	26	2,644	24	39	51	20	2,510	Jy	2,609	De	2,396	2,588	1,278	1,261	22	27	3,856,920
53	Silversmithing and silverware.....	38	979	28	42	125	22	762	Oc	811	Jy	700	780	738	37	5	.....	2,443,618
54	Slaughtering and meat packing.....	184	8,077	180	212	1,145	295	6,245	Ja	6,464	Se	6,113	6,219	6,023	185	6	.....	44,962,008
55	Smelting and refining, not from the ore.....	17	423	26	13	49	19	316	My	344	Au	283	340	338	1	1	.....	3,188,440
56	Soap.....	65	4,345	43	134	565	435	3,168	My	3,274	Jy	2,971	3,164	2,445	708	7	4	27,889,763
57	Soda-water apparatus.....	24	177	20	14	15	10	118	Ap	127	Oc	112	116	115	1	.....	.....	671,229
58	Sporting and athletic goods.....	45	996	44	25	27	19	881	No	977	Jy	815	913	553	356	4	.....	1,153,891
59	Springs, steel, car and carriage, not made in steel works or rolling mills.....	14	441	7	31	18	10	375					346	346	.....	.....	.....	536,011
60	Carriage and railway.....	5	94	2	11	8	4	69	Au	83	Ja	54	78	78	.....	.....	.....	127,083
61	All other.....	9	347	5	20	10	6	306	Ap	335	No	262	263	268	.....	.....	.....	408,928
62	Stamped and enameled ware, not elsewhere specified.....	61	7,721	23	177	559	256	6,706					6,359	5,390	903	36	30	17,005,039
63	Stamped ware.....	56	4,771	23	155	299	201	4,093	Jy	4,310	No	3,830	3,879	3,254	592	23	10	10,695,567
64	Enameled ware.....	5	2,950	.....	22	260	55	2,613	Mh	2,895	Au	2,410	2,480	2,136	311	13	20	6,309,472
65	Stationery goods, not elsewhere specified.....	61	2,106	49	79	168	98	1,712	Mh	1,774	Au	1,584	1,680	707	939	12	22	2,547,919
66	Statuary and art goods.....	63	893	92	18	39	10	734	Se	777	My	694	791	782	4	5	.....	1,087,433
67	Steam fittings and steam and hot-water heating apparatus.....	46	6,010	17	150	697	248	4,898					4,931	4,869	29	33	.....	19,012,881
68	Radiators and cast-iron heating boilers.....	12	4,260	6	69													

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

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.
Officials.	Clerks, etc.	Wage earners.	For contract work.	Taxes, including internal revenue and corporation income.	Rent of factory.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$4,191,081	\$5,077,476	\$18,927,608	\$7,496,334	\$2,651,727	\$183,088	\$19,796,698	\$878,431	\$78,841,261	\$58,166,132	24,619	3,331	1,566	42	19,680	2,290	1
2,880,119	2,263,044	17,691,739	1,068,318	2,200,771	117,943	16,372,508	823,213	53,658,866	36,463,145	23,005	2,516	1,547	29	18,913	2,14	2
239,020	442,223	939,458	221,562	100,909	26,922	1,438,062	40,057	4,575,297	3,097,178	1,465	815	14	13	623	143	3
1,033,837	2,366,557	3,985	6,205,640	328,710	37,871	1,943,674	2,994	20,050,553	18,103,885	19	19	3	19	125	19	4
38,105	5,652	292,426	814	21,637	352	42,454	12,167	556,545	501,924	130	3	3	125	125	125	5
187,029	437,696	304,423	675,637	131,482	7,044	573,021	10,103	3,631,522	3,043,398	306	299	299	299	306	299	6
35,260	23,640	304,423	37,444	994	994	523,708	8,634	1,099,944	567,602	299	299	299	299	299	299	7
152,369	414,056	675,637	94,038	6,050	54,313	1,469	54,313	2,531,578	2,475,796	7	7	7	7	7	7	8
8,532,440	21,666,695	18,441,725	3,588,375	2,422,961	458,920	34,371,959	890,628	137,743,860	102,491,273	29,784	4,854	1,703	449	22,778	3,413	9
2,925,455	10,390,853	11,754,288	850,485	1,067,479	272,131	19,431,151	551,915	63,049,068	43,065,702	17,928	3,526	277	9	14,116	2,606	10
1,552,489	2,902,596	6,482,264	407,035	521,210	119,620	7,580,174	332,408	26,567,785	18,655,203	11,607	1,228	1,426	440	8,513	792	11
4,054,496	8,373,246	205,173	2,330,855	834,272	67,169	7,360,334	6,305	48,137,007	40,770,368	249	100	100	100	149	15	12
41,705	40,940	133,528	1,783	26,821	1,365	277,999	6,829	687,147	412,319	232	120	68	68	44	5	13
35,995	41,741	180,698	4,007	9,406	4,006	499,203	47,549	965,678	418,926	1,669	260	6	725	678	14	14
51,121	33,819	183,735	1,600	3,612	3,612	339,479	9,472	697,909	348,958	603	127	109	271	96	45	15
237,273	406,876	1,005,842	21,345	30,282	30,282	1,385,530	69,761	4,047,052	2,591,761	3,007	2,038	68	35	868	2,054	16
129,772	171,430	470,761	13,000	11,363	11,363	626,195	24,052	1,966,637	1,316,390	668	600	35	35	33	45	17
107,501	235,446	535,081	8,345	18,919	18,919	759,335	45,709	2,080,415	1,275,371	2,339	1,438	68	68	835	2,009	18
96,549	53,279	413,750	36,715	32,320	11,369	863,010	10,179	1,709,828	836,639	972	600	131	131	241	55	19
21,978	11,917	67,767	10,548	15,860	379	150,557	2,833	358,651	205,261	30	10	10	10	20	20	20
73,710	93,841	246,259	13,489	14,613	8,155	1,062,410	27,532	1,852,314	762,372	650	569	20	20	61	103	21
4,612	5,563	25,941	150	302	302	71,193	1,577	164,002	91,232	29	29	29	29	29	29	22
69,098	88,278	220,318	13,339	10,349	7,853	991,217	25,955	1,688,312	671,140	621	569	20	20	32	103	23
370,583	465,555	1,886,559	24,173	50,735	49,796	4,483,638	202,536	10,228,445	5,542,271	11,915	6,715	114	578	4,603	3,262	24
63,332	92,535	516,802	1,652	83,748	13,282	1,319,896	34,333	2,675,392	1,321,173	731	65	80	80	586	25	25
23,936	77,668	89,329	1,200	2,947	1,200	5,028	5,028	558,104	436,180	155	125	125	125	30	26	26
180,594	109,923	816,311	563	1,038	42,537	944,754	420,705	3,553,638	2,188,179	6,540	6,287	60	78	115	1,868	27
20,471	86,084	77,729	2,215	7,955	13,684	914,698	13,684	1,396,705	968,323	535	375	147	147	160	138	23
12,081	39,503	303,378	425	47,175	6,735	2,861,497	54,907	3,869,497	3,869,497	1,564	157	147	147	1,260	29	29
12,081	39,503	9,173	1,880	35,769	1,118	57,250	20,368	39	20,368	39	5	5	5	34	30	30
39,322	34,144	294,205	425	45,295	6,735	2,845,978	53,789	3,812,247	912,430	1,525	157	142	142	1,226	31	31
72,281	75,157	1,005,842	500	6,875	5,652	265,782	17,185	690,952	407,985	947	635	53	53	259	32	32
18,144	5,225	65,821	508	5,250	1,642	70,913	5,100	198,846	122,833	260	70	140	140	50	34	34
22,333	51,363	110,493	896	8,740	1,137	343,721	5,452	343,721	265,946	160	85	41	41	25	25	25
20,083	51,363	103,271	6,060	772	66,216	4,859	314,033	242,958	145	145	85	85	85	22	36	36
2,250	7,222	896	2,680	365	6,107	593	29,688	22,988	15	15	3	3	3	12	12	12
183,354	183,547	2,478,255	86,520	38,975	59,697	2,161,352	128,993	6,835,156	4,544,811	9,728	2,850	260	260	6,618	741	38
244,145	147,021	2,492,803	40,592	112,202	53,301	2,793,429	89,004	7,360,142	4,477,709	7,936	4,689	943	20	2,284	14	39
114,365	57,793	849,630	9,835	24,985	18,161	1,368,477	32,973	3,012,655	1,611,205	2,707	1,954	352	352	401	14	40
90,365	72,207	1,400,967	28,007	67,656	29,494	1,099,088	46,151	3,505,205	2,369,966	4,423	2,581	311	311	1,531	41	41
37,110	17,021	221,714	2,350	15,793	5,627	292,037	9,318	768,996	467,141	787	142	273	273	352	42	42
2,295	3,768	400	3,768	19	3,768	33,827	62	73,286	39,397	39	12	7	7	20	43	43
525,875	1,240,920	6,595,459	4,574,793	464,641	30,670	22,344,385	194,696	41,257,891	18,718,810	5,055	2,399	431	580	1,645	379	44
54,338	22,371	26,828	3,120	26,828	888	321,944	6,261	758,844	427	225	136	136	136	66	45	45
318,292	255,512	1,478,668	87,625	182,687	11,344	1,970,372	44,204	5,662,134	3,647,608	1,505	918	66	30	491	1	46
48,463	33,320	216,785	26,770	28,084	788	271,935	4,019	679,395	403,441	45	45	45	45	44	44	47
144,710	116,036	707,228	26,700	117,572	5,611	940,422	24,672	2,889,605	1,924,511	990	550	55	30	355	20	48
125,119	106,156	491,655	34,155	37,031	4,945	758,015	15,513	2,093,184	1,319,656	470	368	10	10	92	119	49
621,629	684,292	4,966,625	1,041,562	288,946	68,493	16,463,532	272,689	29,260,763	12,524,542	14,707	8,221	968	1,330	4,188	2,484	50
536,944	580,458	4,371,476	802,407	248,786	56,369	12,559,305	190,559	23,740,100	10,990,236	8,503	5,131	768	850	1,754	2,119	51
84,685	103,834	595,149	239,155	40,160	12,124	9,430,227	82,130	5,520,663	1,534,306	6,204	3,090	200	480	2,434	365	52
114,658	137,607	532,261	7,071	46,228	9,134	897,420	26,532	2,264,112	1,340,160	942	570	93	93	279	498	53
783,003	1,621,192	4,610,250	41,913	340,025	241,310	126,704,702	577,031	144,236,162	16,954,429	16,189	10,916	817	1	4,455	3,448	54
34,959	84,711	213,186	8,265	4,867	8,265	8,923,760	59,630	10,264,454	1,281,064	59	746	4	4	432	150	55
518,544	784,843	1,784,781	815	50,031	181,538	19,456,946	412,438	27,526,199	7,656,815	8,744	8,201	137	137	406	5,114	56
21,951	16,807	78,045	1,150	14,310	1,547	247,644	6,885	512,402	257,873	131	20	20	20	111	57	57
46,515	32,294	527,135	11,094	3,464	954,540	17,355	1,920,945	1,920,945	949,050	644	136	85	85	423	2	58
69,399	19,599	251,456	163	33,020	6,900	345,030	34,894	961,718	581,794	692	240	77	190	185	16	59
18,050	5,867	47,842	163	6,550	718	42,212	5,293	144,876	97,371	211	40	72	40	59	60	60
51,349	13,732	203,614	26,470	6,182	302,818	29,601	29,601	816,842	484,423	481	200	5	150	126	16	61
515,654	759,372	3,572,321	11,671	133,891	82,294	7,489,275	348,973	15,496,087	7,657,839	7,073	3,585	131	45	3,312	1,487	62
413,440	514,424	2,258,960	8,141	133,291	52,713	5,199,484	143,195	10,271,086	4,928,407	4,856	1,590	131	45	3,090	1,015	63
102,214	244,948	1,313,361	3,530	600	29,531	2,289,781	205,778	5,225,001	2,729,432	2,217	1,995	215	40	222	472	64
207,689	288,922	798,414	10,144	100,591	8,378	2,591,188	26,227	4,690,225	2,072,810	693	215	40	40	438	2	65
44,818	46,660	616,411	7,347	43,473	4,484	339,112	15,332	1,552,394	1,197,950	291	125	2	2	164	40	66
601,608	1,096,809	3,364,844	18,382	104,926	97,761	5,640,645	325,455	13,096,819	7,130,719	7,751	1,205	382	382	6,164	524	67
339,824	760,738	2,603,141	1,800	4,140												

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.				
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.				
								Maximum month.	Minimum month.									
1 Steam packing.....	33	894	19	46	114	53	662	Fe ^s	864	Au	488	739	667	71	1	.....	\$2,653,539
2 Stencils and brands.....	21	171	19	15	12	6	119	Au	122	Mh ^s	117	121	108	12	1	.....	169,726
3 Stereotyping and electrotyping.....	51	1,433	31	73	190	42	1,097	Fe	1,118	Se	1,073	1,073	1,044	13	16	.....	1,482,187
4 Stoves and hot-air furnaces.....	32	2,948	4	103	239	66	2,536	Mh	1,865	Ja	1,157	2,588	2,588	.....	.....	.....	6,501,223
5 Stoves and ranges.....	21	2,012	.....	76	153	42	1,741	Ap	868	Au	733	1,851	1,851	.....	.....	.....	4,482,424
6 Hot-air furnaces.....	11	936	4	27	86	24	795	Mh	649	Jy	279	737	737	.....	.....	.....	2,018,799
7 Stoves, gas and oil.....	15	630	13	18	60	24	515	Jy	649	Jy	279	529	525	1	3	.....	1,192,626
8 Structural ironwork, not made in steel works or rolling mills.	362	9,386	292	455	858	155	7,626	Jy	8,314	Mh	6,915	7,961	7,949	3	9	.....	18,361,404
9 Sugar, refining.....	5	5,564	3	75	545	42	4,899	Ja	5,556	Ja	3,766	4,967	4,708	259	.....	.....	64,220,102
10 Surgical appliances.....	76	684	56	50	58	78	442	Mh	464	Se ^s	429	430	151	274	2	3	835,266
11 Suspenders, garters, and elastic woven goods.	87	1,510	105	46	132	78	1,149	Jy	1,197	Ja	1,081	1,149	546	589	6	8	1,624,117
12 Tinware, not elsewhere specified.....	62	4,951	31	110	255	85	4,470	Je	4,787	De	3,913	4,097	3,399	678	16	4	16,226,448
13 Tobacco, chewing and smoking, and snuff.	73	509	69	20	36	6	378	393	202	184	6	1	1,129,096
14 Smoking.....	51	413	50	12	24	3	324	No	369	Ja	287	241	121	117	2	1	652,477
15 Chewing, snuff, and all other.....	22	96	19	8	12	3	54	Au	59	De ^s	53	152	81	67	4	.....	476,619
16 Tobacco, cigars and cigarettes.....	2,798	36,195	2,982	547	2,034	521	30,111	29,844	14,252	15,313	113	166	60,809,012
17 Cigars.....	2,654	28,201	2,852	433	1,103	288	23,525	Oc	24,081	Au	23,070	23,934	12,421	11,280	99	134	24,980,219
18 Cigarettes.....	124	7,861	109	109	921	231	6,941	Ja	6,942	De	5,453	5,812	1,755	4,012	13	32	35,737,028
19 Both cigars and cigarettes.....	20	133	21	5	10	2	95	Au	111	Se	60	98	76	21	1	.....	91,765
20 Tools, not elsewhere specified.....	100	1,421	97	73	55	39	1,157	.....	.....	.....	.....	1,128	1,092	32	4	.....	3,547,031
21 Shovels, spades, scoops, and carpenters' and machinists' tools.	21	549	17	26	19	18	469	Fe	490	No	443	471	469	2	.....	.....	1,677,518
22 All other.....	79	872	80	47	36	21	688	Mh	735	No	641	657	623	30	4	.....	1,869,513
23 Toys and games.....	97	2,202	75	98	77	69	1,883	Oc	2,618	Ja	1,143	1,976	1,121	781	26	48	1,818,842
24 Trunks and valises.....	149	2,846	155	103	177	71	2,340	Ap ^s	2,432	De	2,153	2,307	2,077	210	20	.....	3,352,774
25 Type founding.....	6	41	4	3	1	3	30	Mh ^s	34	Oc	24	34	33	1	.....	.....	63,105
26 Typewriters and supplies.....	61	5,126	29	168	275	208	4,446	3,894	3,367	509	15	3	12,183,925
27 Typewriters.....	32	4,533	15	108	203	151	4,056	Ja	5,399	Se	1,676	3,528	3,144	373	11	.....	10,737,833
28 Carbon paper.....	13	295	6	36	41	43	169	Je	178	De	158	159	134	22	3	.....	899,931
29 Ribbon.....	6	139	4	13	25	9	88	Mh ^s	99	De	79	81	42	39	.....	.....	369,760
30 All other.....	10	159	4	11	6	5	133	My	145	Jy	120	126	47	75	1	3	176,401
31 Umbrellas and canes.....	146	2,073	173	76	182	75	1,567	Mh	1,719	No	1,406	1,606	786	787	31	2	2,471,095
32 Upholstering materials, not elsewhere specified.	27	707	23	34	62	27	561	.....	.....	.....	.....	615	507	104	.....	.....	3,138,672
33 Imitation leather, leatheroid, and excelsior.	21	463	19	17	42	21	364	Ap	383	Oc ^s	338	391	358	33	.....	.....	2,825,940
34 All other.....	6	244	4	17	20	6	197	No	231	Jy ^s	180	224	149	71	.....	.....	312,732
35 Varnishes.....	45	1,554	30	121	452	156	795	Je	836	Au	769	786	742	37	7	.....	8,125,220
36 Vault lights and ventilators.....	14	302	9	19	20	9	245	No	280	Fe	217	275	275	.....	.....	.....	293,263
37 Vinegar and cider.....	189	649	202	46	21	18	362	.....	.....	.....	.....	724	710	13	1	.....	2,596,008
38 Vinegar.....	50	322	49	27	7	7	232	No	478	Ja	152	349	336	13	.....	.....	1,614,446
39 Cider.....	139	327	153	19	14	11	130	No	440	My	35	375	374	.....	.....	.....	981,562
40 Wall paper, not made in paper mills.....	11	1,815	46	221	35	1,513	Ja	1,812	Au	1,032	1,804	1,543	256	3	2	5,376,802
41 Wall plaster.....	29	1,904	5	74	162	35	1,628	Au	1,738	No	1,488	1,577	1,556	21	.....	.....	9,110,084
42 Washing machines and clothes wringers.	8	141	5	9	11	7	109	My ^s	115	No	100	109	109	.....	.....	.....	636,709
43 Watch and clock materials.....	5	13	4	1	.....	.....	7	(*)	7	(*)	7	7	7	.....	.....	.....	16,573
44 Watchcases.....	13	849	9	26	39	19	756	Ap	813	De	660	658	572	80	5	1	3,913,195
45 Wheelbarrows.....	6	74	4	4	9	1	56	Je	66	De ^s	49	49	45	.....	.....	.....	73,066
46 Whips.....	5	45	4	3	4	1	33	Ap	39	Se	27	30	19	11	.....	.....	79,782
47 Window and door screens and weather strips.	13	554	9	19	41	19	466	Ap	596	Oc	364	415	395	15	4	1	1,200,621
48 Window shades and fixtures.....	106	1,339	109	39	149	36	1,006	No	1,045	Jy	906	1,038	832	199	5	2	3,247,158
49 Wire.....	6	1,499	1	19	83	12	1,384	Mh	1,476	De	1,305	1,305	1,231	73	1	.....	5,059,349
50 Wirework, including wire rope and cable, not elsewhere specified.	100	1,739	95	98	95	51	1,400	Oc	1,464	Je ^s	1,365	1,411	1,226	166	12	7	3,152,785
51 Wood carpet.....	6	192	4	6	12	4	166	Oc	212	Fe	120	138	138	.....	.....	.....	147,014
52 Wood distillation, not including turpentine and rosin.	19	510	7	35	23	7	438	Ja	555	Jy	312	556	556	.....	.....	.....	4,282,894
53 Wood preserving.....	5	114	.....	13	8	11	82	My	101	Fe	62	92	92	.....	.....	.....	530,196
54 Wood, turned and carved.....	189	920	157	39	12	6	706	Ap	777	Jy	658	748	722	19	7	.....	1,087,851
55 Wooden goods, not elsewhere specified.	47	425	42	21	23	14	325	My	367	No	274	337	285	32	14	6	652,867
56 Wool pulling.....	3	30	3	.....	.....	.....	22	Mh	27	My	16	18	18	.....	.....	.....	70,406
57 Wool shoddy.....	11	323	8	17	11	4	283	De	307	Se	255	306	260	46	.....	.....	943,202
58 Woolen and worsted goods.....	32	7,211	20	90	164	45	6,892	Oc	7,209	De	6,005	6,942	3,498	3,313	78	53	19,406,472
59 All other industries*.....	192	27,599	112	750	1,916	408	24,413	.....	.....	.....	.....	.....	.....	.....	.....	.....	141,190,128

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

*All other industries embrace—	Belting and hose, woven.....	2	Cars, electric-railroad, not including operations of railroad companies...	1	Firearms.....	7	
Aeroplanes and parts.....	3	Billiard tables and materials.....	7	Cash registers and calculating machines.....	5	Fireworks.....	6
Aluminum ware.....	8	Bone, carbon, and lamp black.....	1	Explosives.....	3	Fuel, manufactured.....	1
Ammunition.....	3	Butter, reworking.....	1			Glucose.....	3
Baking powders and yeast.....	28					Graphite, ground and refined.....	2
Bells.....	2					Haircloth.....	3
Belting and hose, rubber.....	2					Hardware, saddlery.....	3

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.				Electric horsepower generated in establishments reporting.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).		

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

\$123,964	\$134,068	\$424,860	\$11,563	\$25,930	\$20,984	\$1,543,151	\$47,423	\$2,612,071	\$1,021,497	2,162	1,482	86	25	569	1
17,895	16,155	86,001	2,650	19,416	1,106	60,643	2,950	262,602	199,009	70	34	34	36	36	2
130,125	192,135	1,068,120	31,338	121,196	2,973	711,244	89,777	2,781,235	1,980,214	1,813	169	169	169	1,644	3
291,620	329,098	1,820,862	.....	59,860	53,345	1,480,501	116,201	5,152,187	3,555,485	3,695	2,407	21	6	1,261	4
214,529	192,510	1,295,168	.....	37,980	21,200	994,918	58,102	3,508,745	2,455,725	1,806	1,012	21	6	767	5
77,091	136,588	525,694	.....	21,880	32,145	485,533	58,099	1,043,442	1,099,760	1,889	1,305	.....	.....	494	6
56,252	78,331	325,188	1,000	19,862	5,949	636,724	19,664	1,451,296	794,908	670	.....	32	.....	638	7
948,506	1,000,433	5,339,632	577,743	271,524	84,976	10,431,472	239,209	22,063,798	11,393,117	11,455	6,394	1,348	.....	3,713	8
479,970	563,417	3,214,885	.....	12,050	236,951	112,890,483	1,467,520	124,941,470	10,574,467	16,017	15,594	.....	.....	423	9
121,442	83,211	237,806	3,188	50,829	3,244	682,593	10,461	1,682,885	989,831	299	125	7	.....	167	10
95,418	155,189	521,502	64,612	80,372	694	3,012,178	13,134	4,460,635	1,435,323	156	.....	.....	.....	156	11
280,084	293,365	2,547,823	73,833	92,904	96,115	8,955,604	156,148	14,362,697	5,250,945	3,866	2,455	927	.....	494	12
50,383	40,551	173,506	1,290	20,166	271,898	726,734	8,845	1,590,281	854,702	563	314	4	.....	284	13
25,962	26,741	96,045	1,040	15,505	136,908	599,048	7,305	1,299,810	693,457	484	287	4	.....	193	14
24,421	13,810	77,461	250	4,661	134,990	127,686	1,540	2,900,471	161,245	79	27	.....	.....	52	15
1,364,660	3,025,146	13,958,011	91,377	966,318	14,296,158	37,064,032	171,164	86,489,307	49,254,111	3,425	1,827	156	.....	1,442	16
915,578	1,488,397	11,547,410	83,705	762,411	3,617,327	18,206,487	105,318	44,183,961	25,872,156	1,744	1,052	156	.....	536	17
442,602	1,530,649	2,378,866	7,672	195,389	10,667,774	18,771,900	65,135	42,095,616	23,258,581	1,677	775	.....	.....	902	18
6,480	6,100	31,735	.....	8,518	11,057	85,645	711	209,730	123,374	4	.....	.....	.....	4	19
126,971	71,402	722,775	1,363	35,800	11,707	921,884	67,622	2,448,900	1,459,414	3,702	705	865	252	1,880	20
47,168	25,040	308,452	540	6,145	4,357	499,058	26,605	1,131,398	605,735	1,586	180	471	.....	935	21
79,803	46,362	414,323	814	29,655	7,350	422,806	41,017	1,317,502	853,679	2,116	525	394	252	945	22
173,048	108,701	820,426	11,934	94,823	6,582	1,696,212	29,512	3,713,487	1,987,763	996	200	111	225	460	23
212,447	215,106	1,334,554	2,064	209,777	14,255	4,100,580	35,210	7,128,712	2,992,922	771	290	117	.....	364	24
5,460	1,348	20,383	.....	3,140	621	14,857	2,121	60,183	43,205	49	.....	20	.....	29	25
502,576	495,283	2,903,234	5,383	60,884	62,082	2,340,434	128,088	12,252,046	9,783,524	4,491	3,851	111	110	419	26
332,455	356,198	2,681,510	4,850	29,782	54,677	1,472,308	111,119	10,041,965	8,458,038	3,999	3,736	2	110	151	27
108,853	98,131	108,522	518	15,227	5,306	539,193	10,006	1,513,848	964,649	298	65	66	.....	167	28
35,435	32,433	58,011	.....	8,765	1,527	250,223	3,050	480,148	226,875	108	50	.....	.....	58	29
25,833	8,521	54,291	15	7,130	572	78,210	3,913	216,085	133,962	86	.....	43	.....	43	30
169,138	218,604	841,355	18,472	166,632	2,445	3,639,630	33,811	5,960,504	2,287,063	365	5	74	.....	286	31
85,469	91,800	295,968	500	21,630	9,159	1,313,262	27,882	1,964,558	623,414	2,211	635	.....	1,206	370	32
50,740	67,939	200,267	.....	1,860	8,375	1,104,167	21,829	1,495,656	369,660	1,713	585	.....	886	242	33
34,729	23,861	95,701	500	19,770	784	209,095	6,053	468,902	253,754	498	50	.....	320	128	34
457,106	799,692	546,577	2,080	39,782	42,486	4,686,142	82,694	9,458,463	4,689,627	2,414	1,577	14	.....	823	35
45,030	20,561	158,010	8,287	12,646	873	286,270	4,190	643,340	352,880	124	.....	37	.....	87	36
47,787	15,413	206,456	3,696	10,152	1,005,930	33,657	1,788,986	749,399	5,092	2,668	979	878	.....	572	37
31,665	8,615	143,370	3,670	6,527	660,785	23,889	1,162,264	477,590	1,552	947	255	61	.....	289	38
10,122	6,798	63,086	28	3,625	345,145	9,768	626,722	271,809	3,540	1,721	724	812	.....	283	39
157,674	354,955	844,053	24,675	33,052	22,480	2,119,385	62,414	4,576,726	2,394,927	1,763	1,309	.....	.....	454	40
188,162	216,233	992,632	27,477	15,061	37,459	2,901,745	275,469	5,247,290	2,070,076	9,502	4,955	631	145	3,771	41
17,560	18,348	72,048	4,199	2,669	191,532	3,073	432,918	238,313	397	370	4	.....	.....	23	42
2,600	520	4,380	100	2,131	42	10,541	232	27,213	16,440	6	.....	.....	.....	6	43
77,872	57,168	438,056	35,240	10,614	7,319	1,077,072	23,607	2,123,535	1,022,856	233	150	.....	.....	83	44
17,184	9,508	32,423	45	8,600	742	33,666	2,921	126,090	89,503	348	195	12	31	110	45
2,750	8,525	15,129	.....	600	350	25,221	963	65,762	39,578	76	75	.....	.....	1	46
42,585	46,533	297,866	140	4,383	5,116	444,970	8,568	954,317	500,779	463	336	9	.....	118	47
104,493	206,054	528,727	6,419	67,647	21,583	3,526,271	52,325	5,008,595	1,429,999	1,767	1,620	14	.....	133	48
86,441	124,520	787,774	.....	15,817	373,624	3,537,830	149,303	5,779,462	2,092,329	4,474	2,165	487	114	1,708	49
215,192	115,201	697,856	13,317	71,059	12,277	1,623,397	44,918	3,393,889	1,725,574	1,710	120	327	.....	1,263	50
12,348	15,392	165,854	3,146	11,380	496	300,880	7,448	557,247	248,919	131	.....	112	.....	19	51
56,665	23,350	225,174	29,586	24,584	1,770,843	162,681	2,789,731	856,207	1,067	971	27	.....	.....	69	52
37,122	16,629	60,711	.....	14,250	4,367	494,068	7,112	745,197	244,017	305	280	.....	.....	25	53
56,708	9,627	391,790	3,255	44,042	4,240	453,372	22,999	1,305,070	828,699	2,548	1,664	440	126	318	54
29,867	31,197	156,375	9,904	17,532	2,010	391,697	6,723	761,348	362,928	1,067	765	82	59	161	55
10,840	936	14,669	.....	2,580	18	158,503	1,489	200,370	40,378	80	80	.....	.....	.....	56
34,480	14,524	145,352	870	2,400	4,944	738,674	29,128	1,110,303	342,501	1,891	895	.....	747	249	57
323,211	290,641	3,285,481	122,724	8,921	122,546	9,446,343	321,734	15,857,635	6,089,553	16,910	11,957	311	4,104	538	58
2,086,185	2,702,904	15,232,595	24,383	118,504	967,068	119,265,980	4,120,651	152,790,371	29,403,740	71,068	49,632	2,271	1,964	17,201	59

Hones and whetstones.....	2	Matches.....	3	Petroleum, refining.....	6	Theatrical scenery.....	2
Horseshoes, not made in steel works or rolling mills.....	2	Mats and matting, from cocoa fiber and grass.....	3	Pottery.....	16	Tin foil.....	9
Jute goods.....	3	Millstones.....	3	Poultry, killing and dressing.....	3	Waste.....	5
Linen goods.....	2	Oilcloth and linoleum, floor.....	2	Rules, ivory and wood.....	5	Whalebone cutting.....	1
Locomotives, not made by railroad companies.....	3	Oilcloth, enameled.....	1	Sand-lime brick.....	2	Wool scouring.....	1
		Pencils, lead.....	4	Smelting and refining, copper.....	2		
				Sulphuric, nitric, and mixed acids.....	2		

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.							Minimum month.

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

1	ALBANY—All industries.....	476	11,375	465	342	943	254	9,371	My	9,662	Au	8,903	9,916	6,774	3,101	32	9	\$26,559,835
2	Automobile bodies and parts.....	5	138	4	6	8	10	110	Jy	116	Ja	101	106	106				225,661
3	Bookbinding and blank-book making.....	5	33	4	2	1	1	26	No	29	Jy ^s	24	26	16	10			14,303
4	Bread and other bakery products.....	67	534	73	12	66	28	355	Ja	370	Je	348	352	279	72	1		866,712
5	Brick and tile, terra-cotta, and fire-clay products.....	4	91	4	1	2	2	82	Je	148	Fe	31	99	99				141,010
6	Carriages, wagons, and repairs.....	8	95	15	4		3	73	My	82	De	66	69	69				194,036
7	Chemicals.....	5	268	4	7	38	10	209	De	245	Ja	166	246	225	20	1		1,128,751
8	Clothing, men's.....	20	215	23	7	24	6	155					164	62	102			212,236
9	Regular factories.....	3	120	3	7	20	4	86	Je	92	Jy	54	89	20	69			129,884
10	Contract work.....	17	95	20		4	2	69	My ^s	77	Ja ^s	63	75	42	33			82,350
11	Confectionery and ice cream.....	13	158	10	10	26	3	109	Jy	131	Ja	76	115	76	39			251,004
12	Copper, tin, and sheet-iron work.....	7	61	7	5	5	3	41	Au ^s	44	De	32	43	41		2		50,962
13	Engraving, steel and copper plate, including plate printing.....	4	118	7	4	30	7	70	Ja ^s	72	Au ^s	64	72	54	18			84,254
14	Food preparations, not elsewhere specified.....	7	29	6	2	1		20	My	22	Oc ^s	19	20	15	5			75,330
15	Foundry and machine-shop products.....	20	281	18	12	11	10	230	My	267	Oc	202	240	240				855,167
16	Hats and caps, other than felt, straw, and wool.....	3	35	6		1	1	27	No ^s	29	Je	16	29	23	6			41,127
17	Jewelry.....	5	19	6		1		12	(⁴)	12	(⁴)	12	12	11	1			12,808
18	Liquors, malt.....	7	415		30	71	2	312	Au	325	De	303	308	308				4,244,494
19	Lumber, planing-mill products, not including planing mills connected with sawmills.....	6	106	7	5	3	2	89	Je	96	De	81	83	83				202,401
20	Marble and stone work.....	9	56	11	5	1		39	Au	53	Mh	24	46	46				70,408
21	Mineral and soda waters.....	8	52	11	1	1	1	38	Jy ^s	44	Ja ^s	34	36	36				120,261
22	Oil, not elsewhere specified.....	4	9	4		2		3	(⁴)	3	(⁴)	3	3	3				21,307
23	Patent medicines and compounds.....	6	18	7		4	2	5	(⁴)	5	(⁴)	5	5	3	2			35,278
24	Photo-engraving.....	3	39		7	1	1	30	Au ^s	31	Oc ^s	29	30	30				20,249
25	Printing and publishing, book and job.....	45	442	49	16	23	19	335					326	208	112	6		711,069
26	Job printing.....	39	395	41	14	9	14	317	Jy	333	Mh	304	308	191	111	6		483,004
27	Book publishing without printing, linotype work, and type-setting.....	6	47	8	2	14	5	18	Au	19	Se	17	18	17	1			228,062
28	Printing and publishing, newspapers and periodicals.....	19	1,316	3	19	238	46	1,010					1,053	843	200	10		2,621,421
29	Printing, publishing, and job printing.....	9	1,300	2	16	233	39	1,010	De	1,051	Au	946	1,053	843	200	10		2,513,224
30	Publishing without printing.....	10	16	1	3	5	7											108,197
31	Saddlery and harness.....	4	13	8				5	No ^s	6	My ^s	4	6	6				18,940
32	Sausage, not made in slaughtering and meat-packing establishments.....	5	13	5				8	(⁴)	8	(⁴)	8	9	9				15,110
33	Shirts.....	8	1,215	8	6	3	6	1,192	De	1,278	Au	786	1,252	55	1,184	4	9	252,946
34	Slaughtering and meat packing.....	3	20	4		2	1	13	Ja ^s	16	Jy ^s	10	18	18				102,300
35	Tobacco manufactures.....	52	474	53	15	20	1	385	Oc	421	Ja	345	417	330	83	4		520,654
36	All other industries*.....	124	5,112	108	166	360	90	4,388					4,731	3,480	1,247	4		13,442,910

* All other industries embrace—	2	Brass, bronze, and copper products.....	2	Coffins, burial cases, and undertakers' goods.....	1	Furniture.....	3
Automobile repairing.....	2	Brushes.....	1	Cordials and flavoring sirups.....	1	Gas, illuminating and heating.....	2
Awnings, tents, and sails.....	3	Carpets, rag.....	1	Cork, cutting.....	1	Gas machines and gas and water meters.....	1
Bags, paper, not including bags made in paper mills.....	1	Cars and general shop construction, and repairs by electric-railroad companies.....	1	Druggists' preparations.....	2	Glass, cutting, staining, and ornamenting.....	2
Baking powders and yeast.....	3	Cars and general shop construction and repairs by steam-railroad companies.....	2	Electrical machinery, apparatus, and supplies.....	1	Hair work.....	1
Baskets, and rattan and willow ware.....	1	Cleaving and polishing preparations.....	3	Electroplating.....	1	Hand stamps.....	2
Belting, leather.....	1	Clothing, women's.....	5	Emery and other abrasive wheels.....	1	Hardware.....	1
Billiard tables and materials.....	1	Coffee and spice, roasting and grinding.....	4	Engraving and diesinking.....	3	Hosiery and knit goods.....	2
Blacking, stains, and dressings.....	3			Felt goods.....	1	House-furnishing goods, not elsewhere specified.....	1
Boot and shoe findings.....	1			Flour-mill and gristmill products.....	2	Ice, manufactured.....	1
Boots and shoes, not including rubber boots and shoes.....	2			Fur goods.....	2		
Boxes, fancy and paper.....	2						
Boxes, wooden packing.....	2						

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$962,776	\$1,078,630	\$5,634,592	\$197,031	\$169,053	\$763,063	\$10,790,327	\$609,409	\$25,211,390	\$13,311,654	16,420	10,182	1,061	75	5,102	7,098	1
9,960	10,251	74,297	400	600	1,399	113,795	3,551	285,054	167,708	83	.....	5	.....	78	.....	2
2,964	728	16,061	1,535	1,980	139	7,795	164	38,704	30,745	2	.....	.....	.....	2	.....	3
18,212	71,326	230,128	1,900	14,042	8,952	782,490	27,828	1,439,197	628,879	215	61	.....	.....	154	.....	4
520	3,892	39,272	605	1,980	1,097	1,718	11,746	94,754	81,290	242	80	.....	.....	162	.....	5
7,420	1,328	60,493	230	1,200	1,811	30,232	3,161	124,746	91,853	76	.....	8	.....	68	.....	6
23,700	64,775	126,035	110	.....	5,814	1,030,733	44,272	1,729,099	654,094	719	570	.....	.....	149	58	7
13,433	14,018	73,075	36,900	6,615	729	197,292	2,373	408,005	208,340	18	.....	.....	.....	18	.....	8
13,433	8,196	35,161	7,280	4,077	695	113,277	1,107	213,185	98,801	8	.....	.....	.....	8	.....	9
.....	5,822	37,914	29,620	2,538	34	84,015	1,266	194,820	109,539	10	.....	.....	.....	10	.....	10
15,025	7,336	51,843	500	2,880	1,684	189,324	11,964	400,966	199,678	412	30	6	.....	376	.....	11
5,000	1,720	29,040	514	1,645	292	35,928	1,288	91,151	58,935	24	.....	.....	.....	24	.....	12
11,200	34,024	46,818	.....	2,150	982	47,261	1,145	176,845	128,439	36	.....	.....	.....	36	.....	13
4,400	123	12,056	19	408	611	64,058	2,604	102,602	35,940	38	15	10	.....	13	.....	14
19,216	14,791	171,832	339	9,457	4,028	324,762	32,434	662,095	304,399	362	175	2	.....	185	230	15
.....	1,520	21,940	.....	995	.....	52,335	460	105,822	53,027	4	.....	.....	.....	4	.....	16
.....	750	8,786	500	1,873	.....	21,176	594	44,433	22,663	5	.....	.....	.....	5	.....	17
255,936	80,973	329,167	.....	498,026	.....	680,536	61,754	3,181,016	2,438,726	2,363	1,979	1	.....	383	418	18
12,280	3,356	54,424	580	2,750	1,517	268,807	3,996	376,502	103,699	481	270	.....	.....	211	.....	19
5,900	500	32,210	8,716	2,380	77	39,762	2,077	118,720	76,881	110	.....	.....	.....	110	.....	20
1,000	1,144	26,713	.....	750	1,763	33,494	1,480	103,557	68,583	25	.....	6	.....	19	.....	21
.....	1,124	2,267	.....	506	.....	26,923	168	33,928	6,332	2	2	.....	.....	.....	.....	22
.....	3,145	1,997	268	780	222	11,388	144	31,728	20,196	2	2	.....	.....	.....	.....	23
13,580	1,700	26,550	.....	1,770	43	10,921	566	54,407	42,920	11	.....	5	.....	6	.....	24
16,884	32,311	198,081	57,858	17,534	1,480	242,312	9,912	792,030	539,806	301	.....	25	.....	276	.....	25
14,684	16,716	182,233	15,869	13,295	1,190	231,493	9,537	608,351	367,331	292	.....	25	.....	267	.....	26
2,200	15,595	15,848	41,989	4,239	290	10,829	375	183,679	172,475	9	.....	.....	.....	9	.....	27
100,996	243,127	722,633	28,150	6,071	14,222	708,430	27,201	2,331,923	1,596,292	874	90	80	.....	704	70	28
91,534	233,964	722,633	1,176	5,221	14,208	708,430	27,201	2,259,548	1,523,917	874	90	80	.....	704	70	29
9,462	9,163	.....	26,974	850	14	.....	.....	72,375	72,375	.....	.....	.....	.....	.....	.....	30
.....	.....	3,776	.....	697	.....	5,159	141	14,702	9,402	.....	.....	.....	.....	.....	.....	31
.....	.....	6,780	.....	510	98	51,470	1,309	72,123	19,344	94	65	.....	.....	29	.....	32
12,076	5,897	434,415	3,525	10,212	921	49,824	8,370	569,410	511,216	229	125	.....	.....	104	70	33
.....	1,796	10,708	.....	1,600	371	228,392	1,074	295,638	66,222	61	53	.....	.....	8	.....	34
29,576	19,880	173,421	.....	13,386	110,766	302,699	3,163	771,848	465,986	142	75	.....	.....	67	.....	35
383,518	457,095	2,649,774	54,382	64,332	106,019	5,231,306	344,470	10,760,335	5,184,559	9,489	6,590	913	75	1,911	6,252	36

Ink, writing.....	1	Musical instruments, pianos.....	1	Stationery goods, not elsewhere speci-	2	Toys and games.....	1
Jewelry and instrument cases.....	2	Optical goods.....	1	fied.....	1	Trunks and valises.....	1
Lasts.....	1	Paints.....	1	Steam fittings and steam and hot-	2	Window shades and fixtures.....	2
Lithographing.....	3	Paper goods, not elsewhere specified.....	2	water heating apparatus.....	2	Wirework, including wire rope and	1
Lubricating greases.....	1	Perfumery and cosmetics.....	1	Sterotyping and electrotyping.....	1	cable, not elsewhere specified.....	1
Lumber and timber products.....	1	Phonographs and graphophones.....	1	Stoves, gas and oil.....	1	Wood, turned and carved.....	1
Mattresses and spring beds.....	1	Pickles, preserves, and sauces.....	2	Structural ironwork, not made in	3	Wool pulling.....	1
Millinery and lace goods.....	2	Pottery.....	1	steel works or rolling mills.....	3		
Models and patterns, not including	1	Saws.....	1	Surgical appliances.....	1		
paper patterns.....	1	Signs and advertising novelties.....	2	Suspenders, garters, and elastic woven	1		
Mucilage and paste.....	1	Soap.....	1	goods.....	1		
Musical instruments and materials,	2	Stamped and enameled ware, not	1	Tinware, not elsewhere specified.....	1		
not specified.....	2	elsewhere specified.....	1	Tools, not elsewhere specified.....	1		

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.		Female.	
								Maximum month.							Minimum month.

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

1	BINGHAMTON—All industries..	245	8,413	209	286	390	280	7,248	Mh 7,769	De 6,783	6,982	4,007	2,874	81	20	\$18,236,715
2	Boxes, cigar.....	3	88	2	4	.....	2	80	Ja 91	Au 69	75	21	54	.....	.....	50,377
3	Bread and other bakery products.....	18	163	17	1	1	8	136	Se 138	Ja 133	138	115	23	.....	.....	271,443
4	Carriages, wagons, and repairs.....	6	121	4	3	4	4	106	My 112	Fe 102	110	106	4	.....	.....	255,938
5	Confectionery and ice cream.....	8	67	7	6	2	1	51	Se 62	Mh 43	50	31	19	.....	.....	139,940
6	Copper, tin, and sheet-iron work.....	4	34	8	1	.....	.....	25	Se 28	De 21	24	24	.....	.....	36,898	
7	Foundry and machine-shop products.....	7	321	7	13	12	5	284	Ja 403	Se 136	227	227	.....	.....	1,476,788	
8	Furniture.....	3	499	.....	10	29	14	446	Mh 495	Jy 387	432	406	25	1	.....	954,298
9	Lumber, planing-mill products, not including planing mills connected with sawmills.....	7	263	10	13	12	4	224	Ja 253	De 194	200	199	1	.....	.....	596,997
10	Mineral and soda waters.....	4	27	2	2	1	1	21	Ap 26	Oc 17	21	19	2	.....	.....	42,602
11	Patent medicines and compounds.....	12	147	9	6	8	58	66	Ja 79	Jy 48	78	41	37	.....	.....	344,242
12	Printing and publishing, book and job.....	18	194	22	10	2	8	152	Ja 175	De 133	157	130	25	2	.....	354,199
13	Saddlery and harness.....	4	11	4	1	.....	1	5	(4)	5	5	5	.....	.....	21,578	
14	Silk goods, including throwsters.....	4	326	.....	6	3	3	314	Jy 338	Ja 282	310	123	187	.....	.....	657,502
15	Tobacco, chewing and smoking, and snuff.....	3	7	3	.....	.....	.....	4	(4)	(4)	4	3	1	.....	.....	3,104
16	Tobacco, cigars and cigarettes.....	48	2,016	50	44	45	10	1,867	Fe 1,979	De 1,727	1,736	862	1,350	4	20	2,561,702
17	All other industries*.....	96	4,129	64	166	271	161	3,467	.....	.....	3,415	2,195	1,146	74	.....	10,469,987

* All other industries embrace—	1	Carpets, rag.....	2	Clothing, women's.....	1	Engines, steam, gas, and water.....	1
Agricultural implements.....	1	Carriages and sleds, children's.....	1	Coffee and spice, roasting and grinding.....	1	Engraving, steel and copper plate, including plate printing.....	1
Artificial stone products.....	2	Cars and general shop construction and repairs by electric-railroad companies.....	1	Combs and hairpins, not made from metal or rubber.....	1	Flavoring extracts.....	5
Awnings, tents, and sails.....	2	Cars and general shop construction and repairs by steam-railroad companies.....	1	Cordials and flavoring sirups.....	1	Flour-mill and gristmill products.....	4
Bookbinding and blank-book making.....	2	Chemicals.....	1	Corsets.....	1	Food preparations, not elsewhere specified.....	3
Boot and shoe cut stock.....	1	Chemicals.....	1	Dental goods.....	1	Furnishing goods, men's.....	1
Boots and shoes, not including rubber boots and shoes.....	3	Clothing, men's.....	2	Electrical machinery, apparatus, and supplies.....	1	Gas, illuminating and heating.....	1
Boxes, fancy and paper.....	2			Electroplating.....	1	Glass.....	1
Brass, bronze, and copper products.....	2						
Brick and tile.....	1						
Butter.....	1						

1	BUFFALO—All industries.....	2,225	67,518	1,908	2,527	6,083	2,584	54,416	Ap 56,051	No 52,591	54,289	45,849	7,751	389	300	\$243,289,693
2	Artificial limbs.....	4	13	2	2	1	.....	8	Ap 9	Fe 7	9	9	.....	.....	.....	21,147
3	Artificial stone products.....	14	74	9	7	4	1	53	Je 65	Ja 44	58	58	.....	.....	.....	97,080
4	Automobile bodies and parts.....	25	775	19	34	36	15	671	Ja 828	Au 558	586	579	7	.....	.....	1,317,732
5	Automobile repairing.....	76	318	80	7	11	8	212	Se 222	Ja 194	218	217	.....	1	.....	310,894
6	Awnings, tents, and sails.....	6	72	5	10	4	2	51	Je 90	Oc 39	47	25	22	.....	.....	84,513
7	Blacking, stains, and dressings.....	9	202	6	10	34	12	140	My 209	Ja 82	123	33	86	2	2	280,741
8	Bookbinding and blank-book making.....	15	238	13	9	3	5	208	Ap 226	No 186	193	82	109	2	.....	193,129
9	Boots and shoes, including cut stock.....	16	704	12	11	22	20	639	No 676	Je 599	668	368	231	46	23	1,214,147
10	Boxes, cigar.....	4	28	4	.....	.....	.....	24	Ja 25	De 23	23	11	11	.....	.....	24,979
11	Boxes, fancy and paper.....	14	1,282	7	49	28	30	1,168	Ja 1,370	Jy 983	1,061	668	738	6	49	1,803,428
12	Brass, bronze, and copper products.....	25	809	21	32	49	19	688	Jy 773	Au 542	703	297	6	.....	.....	1,870,100
13	Bread and other bakery products.....	233	2,239	234	30	371	70	1,534	Mh 1,593	De 1,321	1,575	1,075	480	10	10	4,676,400
14	Brick, tile, pottery, and other clay products.....	6	546	5	8	11	8	514	Je 586	Mh 444	575	429	125	6	15	856,357
15	Brooms.....	5	39	4	1	5	4	25	(4)	(4)	25	18	7	.....	.....	43,880
16	Buttons.....	3	8	3	.....	.....	.....	5	(4)	5	5	.....	4	.....	.....	12,600
17	Canning and preserving.....	5	41	7	.....	3	5	26	Je 35	Jy 25	31	23	8	.....	.....	171,721
18	Carpets, rag.....	10	66	12	3	.....	2	49	My 56	Au 45	48	26	21	1	.....	39,983
19	Carriages and wagons and materials.....	41	402	44	12	5	12	329	Mh 396	Oc 248	375	338	37	.....	.....	1,067,492
20	Cars and general shop construction and repairs by steam-railroad companies.....	14	3,699	.....	106	171	4	3,418	Fe 3,607	Mh 3,282	3,355	3,354	.....	1	.....	3,628,927
21	Clothing, men's.....	51	1,915	70	15	57	47	1,726	.....	.....	1,767	698	1,010	6	53	1,670,070
22	Regular factories.....	25	1,513	33	15	57	47	1,361	Mh 1,446	Se 1,295	1,376	573	756	6	41	1,605,690
23	Contract work.....	26	402	37	.....	.....	.....	365	Ja 392	No 312	371	125	254	.....	12	64,330
24	Clothing, women's.....	18	598	18	26	39	18	497	Oc 592	Je 406	635	66	553	1	15	432,856
25	Coffee, roasting and grinding.....	18	88	18	6	7	9	48	Oc 49	Au 47	48	29	19	.....	.....	470,752
26	Confectionery and ice cream.....	39	801	37	45	66	55	598	.....	.....	584	298	285	.....	1	1,568,576
27	Confectionery and chewing gum.....	29	564	32	22	51	40	419	Oc 468	Jy 364	432	163	268	.....	1	565,917
28	Ice cream.....	10	237	5	23	15	15	179	Jy 248	Ja 131	152	135	17	.....	.....	1,002,659
29	Cooperage.....	12	165	10	5	1	2	147	Mh 156	De 127	147	146	.....	1	.....	244,180
30	Copper, tin, and sheet-iron work.....	127	754	143	31	37	10	533	Oc 593	Fe 474	577	550	25	2	.....	1,192,792
31	Corsets.....	3	10	3	.....	.....	.....	7	(4)	(4)	7	.....	7	.....	.....	4,645
32	Druggists' preparations.....	7	55	6	5	1	4	39	Mh 42	Au 37	38	31	7	.....	.....	187,005
33	Electrical machinery, apparatus, and supplies.....	8	173	6	12	6	16	133	Au 141	De 125	127	92	35	.....	.....	893,323
34	Electroplating.....	11	62	10	4	.....	2	46	Ap 51	De 42	41	41	.....	.....	.....	68,125
35	Engraving and diesinking.....	13	51	12	6	.....	1	32	Au 43	Fe 26	34	33	.....	1	.....	51,292

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).

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

\$626,462	\$658,898	\$3,652,628	\$32,063	\$128,728	\$407,519	\$10,110,451	\$273,319	\$18,359,516	\$7,975,746	8,158	4,609	422	446	2,681	1,147	1
5,780	884	32,660	.....	2,640	361	48,029	883	105,255	56,343	117	.....	.....	100	17	.....	2
5,000	4,651	87,697	.....	7,135	2,245	332,209	11,076	568,366	225,081	69	.....	.....	.....	69	.....	3
4,992	7,929	71,411	.....	2,080	1,234	63,953	4,219	223,190	155,018	112	84	.....	.....	28	.....	4
9,980	2,312	25,207	.....	7,816	451	147,963	5,555	245,779	92,261	192	.....	10	.....	182	.....	5
1,082	.....	17,136	.....	1,032	68	29,569	145	62,395	32,681	.....	.....	.....	.....	.....	.....	6
24,017	17,832	191,676	1,911	306	3,136	177,709	16,947	413,938	219,282	657	321	23	.....	313	.....	7
23,854	48,822	250,536	.....	3,900	3,542	499,759	9,520	979,694	470,415	760	615	5	.....	140	240	8
26,102	16,057	136,442	450	825	3,667	481,972	7,534	722,033	232,527	695	605	.....	.....	90	.....	9
3,500	1,800	15,345	.....	1,380	606	38,526	648	77,485	38,311	19	4	2	1	12	.....	10
40,060	29,649	38,401	.....	36,668	2,047	168,792	2,113	746,117	575,212	8	.....	.....	.....	8	.....	11
20,184	6,618	104,564	6,715	4,702	519	51,274	4,691	275,725	219,760	158	.....	21	.....	137	5	12
.....	624	3,432	.....	1,156	116	8,379	289	22,416	13,748	1	.....	.....	.....	1	.....	13
13,950	4,495	133,306	.....	300	1,589	417,580	6,173	756,296	332,543	291	76	45	.....	170	.....	14
.....	.....	1,921	.....	.....	2,717	4,333	190	11,750	7,227	1	.....	.....	.....	1	.....	15
83,151	133,680	716,596	.....	10,801	307,272	1,370,033	5,661	3,031,967	1,656,273	77	20	.....	.....	57	.....	16
361,810	384,045	1,826,298	22,987	47,987	77,922	6,270,371	197,675	10,117,110	3,649,064	5,001	2,884	316	345	1,456	902	17

Glass, cutting, staining, and ornamenting.....	2	Mattresses and spring beds.....	3	Printing and publishing, newspapers and periodicals.....	4	Surgical appliances.....	1
Gloves and mittens, leather.....	2	Models and patterns, not including paper patterns.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	2	Varnishes.....	1
Hand stamps.....	1	Musical instruments, organs.....	1	Scales and balances.....	1	Vinegar and cider.....	1
Hardware, saddlery.....	2	Musical instruments, pianos.....	2	Shirts.....	2	Washing machines and clothes wringers.....	1
Hats, fur-felt.....	1	Optical goods.....	1	Soap.....	1	Whips.....	1
Hats, wool-felt.....	1	Paper goods, not elsewhere specified.....	1	Stereotyping and electrotyping.....	1	Wirework.....	2
Linen goods.....	1	Perfumery and cosmetics.....	1	Structural ironwork, not made in steel works or rolling mills.....	1	Wood distillation, not including turpentine and rosin.....	1
Liquors, malt.....	2	Photographic materials.....	2				
Marble and stone work.....	2						

\$6,437,300	\$8,530,615	\$34,817,852	\$848,093	\$1,169,697	\$2,798,439	\$151,171,767	\$6,824,613	\$247,516,476	\$89,520,066	152,338	74,147	8,797	31	69,363	21,725	1
2,125	936	6,909	.....	1,698	.....	5,662	397	24,585	18,526	6	.....	.....	.....	6	.....	2
7,520	6,783	31,003	.....	2,962	237	37,558	1,629	117,901	78,714	64	.....	23	.....	41	.....	3
77,356	37,141	464,442	3,900	12,863	8,737	907,643	25,219	1,764,212	831,350	453	256	.....	.....	197	9	4
11,040	15,933	162,302	3,546	35,088	1,340	116,554	7,440	465,405	341,411	327	4	130	.....	193	5	5
11,167	5,310	34,566	2,390	5,520	105	113,886	1,027	182,239	67,826	52	.....	14	.....	38	.....	6
27,220	48,401	65,903	.....	5,660	3,433	534,758	2,338	943,766	406,670	149	135	3	.....	11	30	7
14,545	6,075	93,832	1,114	9,625	371	62,589	2,864	233,890	168,437	104	.....	.....	.....	58	.....	8
18,905	29,009	312,613	.....	8,040	4,111	948,828	8,296	1,499,457	542,333	426	14	357	.....	55	40	9
.....	.....	10,148	.....	1,125	430	12,171	565	28,012	15,276	47	.....	45	.....	2	.....	10
78,902	35,956	412,236	150	13,145	9,771	745,208	17,268	1,586,341	823,865	1,206	200	241	.....	765	331	11
74,639	81,408	478,501	11,500	11,966	6,307	2,356,901	73,004	3,399,130	969,225	3,335	150	90	.....	3,095	.....	12
73,920	433,002	927,730	400	63,081	40,262	3,436,299	104,752	6,514,377	2,973,326	1,678	311	132	.....	1,235	1	13
22,550	23,319	273,643	6,620	13,546	8,861	137,246	41,015	552,635	374,374	570	450	80	.....	40	119	14
1,500	3,605	10,448	1,091	.....	215	28,541	182	55,197	26,474	4	.....	.....	.....	4	.....	15
.....	.....	1,352	.....	540	65	3,525	44	7,550	3,981	2	.....	.....	.....	2	.....	16
.....	7,723	14,402	.....	180	377	62,827	579	107,053	43,647	10	6	4	.....	.....	.....	17
6,600	1,040	14,962	487	3,180	248	3,898	1,207	56,222	51,117	111	.....	110	.....	1	.....	18
33,420	14,167	216,321	1,350	12,950	6,610	281,637	14,101	708,605	412,867	675	.....	110	.....	565	2	19
108,846	131,133	2,395,088	.....	31,219	2,744,484	89,860	89,860	5,507,262	2,672,918	2,888	1,395	.....	.....	1,493	782	20
41,154	80,005	731,000	158,514	44,603	2,461	1,763,002	12,634	3,517,308	1,741,672	366	15	133	30	188	30	21
41,154	80,005	591,351	157,414	41,086	1,831	1,761,399	10,147	3,322,067	1,550,521	323	15	133	30	150	30	22
.....	.....	139,649	1,100	3,517	630	1,603	2,487	195,241	191,151	38	.....	.....	.....	38	.....	23
39,280	38,833	201,148	304	20,695	440	340,604	5,330	749,128	403,144	207	.....	.....	.....	207	.....	24
5,550	12,090	36,480	265	9,746	648	683,842	3,406	871,316	184,068	118	30	40	.....	48	.....	25
106,583	92,463	251,958	.....	31,765	8,944	1,104,821	26,603	1,875,503	744,079	1,816	370	833	.....	613	590	26
28,870	56,248	144,747	.....	29,257	1,258	601,938	11,603	965,115	351,574	491	356	30	.....	105	113	27
77,713	36,215	107,211	.....	2,508	7,686	502,883	15,000	910,388	392,505	1,325	14	803	.....	508	477	28
10,600	2,926	96,423	.....	4,119	2,141	301,576	1,769	459,833	156,538	125	125	.....	.....	.....	.....	29
50,283	31,653	336,630	3,877	23,370	8,900	650,760	11,952	1,450,401	787,689	432	160	82	.....	190	5	30
.....	.....	2,930	.....	432	22	4,290	81	11,364	6,993	.....	.....	.....	.....	.....	.....	31
10,760	2,324	28,032	.....	4,317	565	66,353	2,179	155,564	87,032	176	30	132	.....	14	77	32
29,846	10,811	95,916	21,815	2,616	3,034	434,382	11,343	674,188	228,463	761	75	.....	.....	508	20	33
4,720	781	29,155	.....	3,297	494	10,724	2,607	67,642	54,311	185	.....	118	.....	67	2	34
7,967	208	21,087	300	3,624	129	33,673	568	99,684	65,443	20	.....	.....	.....	20	.....	35

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.					Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.		Male.	Female.				
								Maximum month.	Minimum month.									
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																		
1	BUFFALO—Continued.	7	120	10	6	5	13	86	De	93	Au ^a	32	87	33	47	4	3	\$96,564
2	Engraving, steel and copper plate, including plate printing.	10	46	9	4	7	7	19	Je	28	Fe	16	19	10	9			70,727
3	Flavoring extracts.	11	1,032	29	199	55	79	749	No	790	My	705	793	741	52			8,551,873
4	Flour-mill and gristmill products.	20	534	19	26	94	39	356	Se	400	Ja	298	359	218	132		9	1,628,049
5	Food preparations, not elsewhere specified.	141	5,233	91	250	436	202	4,254					4,212	4,177	28	7		12,991,429
6	Foundry and machine-shop products.	5	73	5	5	3	2	58	Fe	89	Au	35	60	60				169,220
7	Boiler shops.	20	1,693	5	62	103	21	1,502	Ja	1,075	Oc	1,340	1,475	1,450	19			4,095,957
8	Foundries.	116	3,467	81	183	330	179	2,694	Ja	2,763	Au	2,647	2,677	2,661	9	7		8,726,252
9	Machine shops.	19	122	18	4	3	7	90	No	127	Mh	48	128	50	74	2	2	307,010
10	Fur goods.	34	2,113	23	62	130	55	1,843	Mh	1,949	Ja	1,742	1,779	1,657	80	35	1	3,927,806
11	Furniture.	16	152	14	19	1	3	115	Mh	124	Jy ^a	111	116	98	18			138,091
12	Glass, cutting, staining, and ornamenting.	12	174	15	7	12	9	131	Je	139	Ap	124	129	52	75	1	1	169,206
13	Gloves and mittens, leather.	4	9	4				5	Je ^a	6	Fe ^a	4	6	1	5			6,319
14	Hair work.	6	50	3	6	1	4	36	Ap	57	Se	20	42	31		11		128,912
15	Hardware.	4	121	4	2	5	2	108	Ap	113	Au ^a	102	112	62	48	1	1	119,323
16	Hats and caps, other than felt, straw, and wool.	6	268	5	7	31	15	210	Mh	282	Jy	122	258	99	153	2	4	560,595
17	Hosiery and knit goods.	5	69		8	14	5	42	My	45	De ^a	40	41	34	7			150,561
18	House-furnishing goods, not elsewhere specified.	7	100	1	20	7	8	64	Au	85	Ja	42	60	60				833,896
19	Ice, manufactured.	8	259	3	19	24	11	202	Mh	231	Jy	181	206	178	28	2		543,732
20	Instruments, professional and scientific.	5	194	1	11	14	3	165	Ap	190	Fe	143	177	177				1,030,876
21	Iron and steel forgings.	21	438	32	19	16	55	316	Ap	341	No	279	302	250	47	4	1	1,513,085
22	Jewelry.	9	502	7	17	7	12	459	No	524	Jy	410	492	95	367	6	24	317,049
23	Jewelry and instrument cases.	5	118	4	6	5	4	99	Se	106	Je	89	101	40	52	7	2	124,404
24	Leather goods, not elsewhere specified.	4	501	6	12	19	9	455	Se	474	De	440	440	418	10	0		3,915,449
25	Leather, tanned, curried, and finished.	16	1,166		74	119	15	958	Jy	1,001	Fe	929	944	940	4			19,423,051
26	Liquors, malt.	9	704	6	25	23	15	655	Mh	656	Jy ^a	604	625	482	141	2		1,716,846
27	Lithographing.	18	48	19	1	1	2	25	De	31	Ja ^a	23	27	25	1	1		71,468
28	Looking-glass and picture frames.	4	64	1	7	11	13	32	Ap	39	No ^a	30	30	28	2			171,159
29	Lubricating greases.	23	1,273	20	58	74	47	1,074	Se	1,200	Mh	1,008	1,066	1,064		2		4,298,779
30	Lumber, planing-mill products, not including planing mills connected with sawmills.	10	357	3	29	36	6	283	Fe	334	Se	190	312	309	2	1		8,178,488
31	Malt.	17	259	13	13	10	6	217	Ja	274	De	175	180	149	28	3		609,562
32	Marble and stone work.	11	283	7	18	37	16	205	My	224	Au ^a	195	199	159	34	4	2	353,405
33	Mattresses and spring beds.	24	151	27	6	7	3	108	Jy	116	De ^a	102	102	96	5	1		235,024
34	Mineral and soda waters.	11	76	9	7	2	2	56	Au	66	Fe ^a	51	58	57	1			93,712
35	Models and patterns, not including paper patterns.	6	91	4	3	15	9	60	Se	63	Fe ^a	59	60	26	33	1		89,488
36	Optical goods.	87	669	66	60	114	174	255	Ja	269	Jy	227	269	93	175	1		1,637,500
37	Patent medicines and compounds.	4	243		8	11	2	222	Se	280	Fe	135	202	202				440,555
38	Paving materials.	7	12	4	2			6	Oc ^a	7	Mh ^a	5	6	2	4			18,870
39	Perfumery and cosmetics.	6	140	6	8	37	9	80	My	91	Ja	69	73	66				101,477
40	Photo-engraving.	130	1,534	129	70	110	77	1,168	Fe	1,243	Au	1,085	1,155	898	222	29	6	2,151,037
41	Printing and publishing, book and job.	49	1,522	25	75	413	150	859	Oc	876	Au	839	876	860	8	8		2,972,208
42	Printing and publishing, newspapers and periodicals.	3	8	3				5	(^a)	5	(^a)	5	5	5				16,614
43	Printing materials.	4	154		9	11	5	129	My	167	Oc	90	127	125		2		394,962
44	Refrigerators.	16	327	20	11	22	10	264	Ja	353	Jy	217	249	231	18			968,487
45	Saddlery and harness.	19	79	20	1	2	3	53	Ap	55	Ja	51	53	53				217,922
46	Sausage, not made in slaughtering and meat-packing establishments.	10	338	8	6	7	2	315	Mh	454	Oc	165	294	294				1,893,480
47	Shipbuilding, including boat building.	24	1,987	17	58	266	89	1,557	De	1,637	Au	1,500	1,524	1,524				10,429,340
48	Slaughtering and meat packing.	11	1,814	7	40	187	115	1,465	My	1,551	Jy	1,293	1,446	962	480	4		15,636,414
49	Soap.	4	13	9				4	Oc ^a	5	Mh ^a	3	4	4				8,450
50	Statuary and art goods.	4	2,851	1	39	403	165	2,243	Mh	2,585	Se	1,784	2,322	2,288	2	32		9,098,902
51	Steam fittings and steam and hot-water heating apparatus.	3	65	3	1	3	3	55	Jy ^a	56	Fe ^a	54	55	51		4		78,469
52	Stereotyping and electrotyping.	14	917	9	32	125	11	740	Je	890	Ap	627	698	698				1,996,967
53	Structural ironwork, not made in steel works or rolling mills.	5	9	5				4	(^a)	4	(^a)	4	4	2	2			9,225
54	Tobacco, chewing and smoking, and snuff.	174	717	189	7	25	8	488	Ja	586	Je	428	586	401	137	11	37	449,581
55	Tobacco, cigars and cigarettes.	11	189	12	9	10	7	151	Ja	167	De	124	153	148	4	1		300,020

^a Owned power only.

^a Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$11,550	\$9,126	\$37,456	\$2,354	\$6,855	\$14	\$55,355	\$1,384	\$169,365	\$112,626	31				31	1
5,056	10,149	7,529	200	2,796	266	63,750	346	142,747	78,651	5				5	2
108,750	222,986	562,167	2,500	11,850	30,012	24,869,321	167,690	28,068,796	3,031,785	8,645	5,250			3,395	3
77,479	110,805	211,020	3,000	6,476	12,962	2,515,229	44,003	4,117,187	1,567,955	1,365	252	75		1,038	4
630,490	601,392	3,003,133	15,577	82,809	76,084	4,748,822	265,202	11,375,640	6,361,616	11,627	975	1,104		9,548	5
7,840	2,600	36,717		2,640	959	18,396	2,994	87,522	66,132	320	165	65		90	6
193,220	129,968	1,033,911	1,461	14,463	27,975	1,764,509	141,057	3,885,844	1,980,278	4,261	180	3		4,078	7
429,430	468,824	1,932,505	14,116	65,706	47,150	2,965,917	121,151	7,402,274	4,315,206	7,046	630	1,036		5,380	8
5,391	8,232	60,065	30	17,397	402	216,285	1,284	411,383	193,814	15				15	9
158,349	197,345	988,313	15,955	29,381	21,880	1,808,218	42,466	3,728,066	1,877,382	3,056	1,655	405		996	10
21,780	3,546	71,017	772	6,475	590	111,776	1,676	267,842	154,390	141		120		21	11
8,725	12,954	61,652		5,622	159	145,808	1,629	282,802	135,365	33		12		21	12
7,496	3,468	17,970		1,665	78	4,350	148	10,800	55,284	64		20		44	14
3,080	8,514	41,809		2,880	727	24,348	1,548	81,180	97,880	15				15	15
12,800	20,542	101,251		3,420	110	98,362	680	196,922	97,880						
6,264	11,549	22,759	1,750	5,096	2,699	266,116	6,578	467,817	195,123	105	24			81	16
26,861	7,848	58,220		2,108	639	45,324	1,545	123,574	76,705	77				77	17
48,305	29,403	131,254	15	2,108	639	45,324	1,545	123,574	76,705	77				77	17
45,160	17,819	146,998	408	9,248	2,653	132,460	35,701	403,046	234,885	829	480			349	18
45,296	74,498	191,230	1,347	2,378	2,084	494,329	4,836	1,125,359	781,203	177	40			137	19
39,264	13,913	182,202	7,211	10,948	1,088	176,184	2,967	518,276	339,125	131		80		51	20
9,760	13,883	43,721		4,410	142	46,613	775	153,780	106,392	28				28	21
46,415	24,698	257,704		2,100	12,955	2,926,793	32,906	3,830,576	870,877	1,825	400	15		1,410	22
368,220	164,848	787,401	94,032	1,418,028	2,161,217	442,066	7,962,285	5,359,002	5,248	4,554	50			694	23
87,319	50,520	445,462	40,371	22,017	7,920	494,595	7,044	1,442,621	940,982	454	365			39	24
1,300	1,872	14,742		4,520	459	64,430	911	115,973	50,632	13		10		3	25
10,825	15,552	18,057		3,700	569	215,980	2,805	305,938	87,153	141	12			129	26
113,326	90,415	728,235		7,335	25,680	2,359,685	22,776	3,944,209	1,561,748	4,285	3,410	245		630	27
139,049	65,774	275,968		7,470	58,194	6,397,486	200,474	8,074,154	1,476,194	5,219	320	25		4,874	28
27,291	15,976	156,578	22,816	1,214	5,156	326,042	9,778	588,130	252,310	585		270		315	29
25,685	46,711	111,990	148	10,414	1,514	367,075	3,953	686,267	315,209	279		134		145	30
8,760	7,438	64,921		6,804	1,148	117,989	5,369	263,523	145,165	94	34			51	31
16,280	2,234	48,040		8,816	96	34,052	1,132	124,036	88,852	82		54		28	32
6,760	16,691	43,558		12,476	140	89,375	2,777	197,619	105,467	80				80	33
146,032	153,394	122,289	5,756	32,944	14,245	594,818	6,276	3,160,655	2,559,571	227	75	33		119	34
22,725	14,875	122,492	8,433	2,477	3,590	111,090	18,763	390,217	260,364	820	425			395	35
1,900		2,514	101	1,816	130	6,050	64	18,883	12,799						36
18,068	40,630	70,879	3,779	5,438	286	55,559	3,179	228,282	169,544	69				69	37
170,420	157,681	766,090	55,811	85,909	18,129	828,625	34,559	2,671,808	1,808,624	1,539	225	403		911	38
176,231	571,292	816,478	181,059	26,908	20,452	1,458,053	41,851	4,498,802	2,998,898	1,664	790	138		736	39
		3,172		930	114	9,635	106	18,654	8,913	8				8	40
18,300	16,522	67,261		900	2,420	110,755	4,311	290,381	175,315	295	80			125	41
22,908	54,616	159,212	1,000	3,502	8,071	309,216	17,596	763,117	436,305	445		25		420	42
1,500	3,336	38,843	200	1,245	2,191	203,013	8,586	309,460	97,861	258	65	50		143	43
15,178	10,408	219,167		1,520	18,714	90,846	10,189	536,100	435,065	1,804	633	15		1,156	44
154,652	435,907	965,424	3,656	13,280	49,306	27,016,499	151,016	29,390,200	2,222,685	4,702	2,375	145		2,181	45
249,897	258,914	865,537	400	3,504	135,314	5,954,238	191,125	8,834,802	2,689,499	2,890	2,830			60	46
		2,328		990	65	2,100	169	11,850	9,581						47
268,464	692,235	1,665,220		540	72,147	1,697,539	173,696	5,100,819	3,229,584	3,001	230	18		2,753	48
3,868	4,514	38,681	2,060	4,600		42,492	4,187	131,144	84,465	129		14		115	49
89,529	135,041	457,983	65,117	9,158	9,474	1,588,766	22,122	2,681,649	1,070,761	1,384	645	88		651	50
		1,720		416	3,195	5,664	80	13,910	8,166	12	12				51
9,692	21,978	247,214		21,475	92,775	360,619	3,616	937,008	572,773	10		5		5	52
21,416	11,867	86,550		6,472	664	55,561	7,691	250,460	187,208	262		45		217	53

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.					

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

BUFFALO—Continued.																		
1	Trunks and valises.....	7	200	6	7	17	2	168	Fe	183	No	147	156	131	20	5	.....	\$330,651
2	Umbrellas and canes.....	4	8	4	.....	.....	.....	4	Se ⁴	4	Ja	4	4	4	.....	.....	.....	5,100
3	Wall plaster.....	3	58	1	6	9	3	39	Je	46	Ja	28	33	33	.....	.....	.....	200,700
4	Wirework, including wire rope and cable, not elsewhere specified.	11	275	6	14	21	8	226	Ja	240	Au	214	227	184	36	6	1	563,452
5	Wood, turned and carved.....	3	4	3	.....	.....	.....	1	My ⁴	2	Se ⁴	1	1	1	.....	.....	.....	3,233
6	All other industries*.....	277	20,511	157	803	1,953	708	16,890	.....	.....	.....	.....	16,622	15,183	1,313	90	36	96,524,622

*All other industries embrace—	Carriages and sleds, children's.....	1	Dyestuffs and extracts.....	1	Glass.....	1	
Agricultural implements.....	2	Cars and general shop construction and repairs by electric-railroad companies.....	2	Emery and other abrasive wheels.....	2	Glue, not elsewhere specified.....	2
Aluminum ware.....	2	Cars, steam-railroad, not including operations of railroad companies.....	2	Enameling.....	2	Gold and silver, reducing and refining, not from the ore.....	1
Ammunition.....	1	Cement.....	2	Engines, steam, gas, and water.....	9	Grease and tallow, not including lubricating greases.....	2
Artificial flowers.....	3	Chemicals.....	4	Engraving, wood.....	2	Hand stamps.....	2
Automobiles.....	8	Cleansing and polishing preparations.....	7	Envelopes.....	3	Hats, straw.....	1
Bags, other than paper.....	2	Clothing, horse.....	1	Fancy articles, not elsewhere specified.....	4	Ink, printing.....	3
Baking powders.....	1	Clothing, men's, buttonholes.....	1	Feathers and plumes.....	1	Ink, writing.....	1
Baskets, and rattan and willow ware.....	8	Coffins, burial cases, and undertakers' goods.....	2	Fertilizers.....	2	Iron and steel, blast furnaces.....	2
Belting, leather.....	2	Cotton small wares.....	1	Fire extinguishers, chemical.....	3	Iron and steel, steel works and rolling mills.....	3
Belting and hose, rubber.....	1	Dairymen's, poultrymen's, and apiarists' supplies.....	6	Flags and banners.....	1	Iron and steel, doors and shutters.....	2
Billiard tables and materials.....	1	Dental goods.....	1	Furnishings, men's.....	1	Lamps and reflectors.....	2
Bluing.....	3	Dental goods.....	1	Galvanizing.....	1	Lasts.....	2
Boxes, wooden packing.....	3	Dental goods.....	1	Gas and electric fixtures.....	12		
Brushes.....	2	Dental goods.....	1	Gas, illuminating and heating.....	2		
Butter.....	2	Dental goods.....	1	Gas machines and gas and water meters.....	1		

NEW YORK CITY—All industries.																		
1	Artificial flowers.....	156	4,339	176	76	164	85	3,838	No	4,457	Ja	2,861	4,453	716	3,545	4	188	2,536,258
2	Artificial limbs.....	9	102	9	7	11	8	67	Se ⁴	70	Je	64	68	60	8	.....	.....	200,816
3	Artificial stone products.....	22	252	11	20	16	6	199	Mh	224	Se ⁴	171	220	220	.....	.....	.....	702,396
4	Automobile bodies and parts.....	129	2,841	94	141	242	116	2,248	My	2,389	Mh	2,044	2,283	2,201	81	1	.....	5,888,285
5	Automobile repairing.....	734	4,685	583	155	285	77	3,585	.....	.....	.....	.....	3,529	3,526	1	2	.....	3,405,013
6	Repair work.....	731	4,655	581	152	281	74	3,567	My	3,744	Ja	3,337	3,513	3,510	1	2	.....	3,430,174
7	Vulcanizing tires.....	3	30	2	3	4	3	18	Se	22	No ⁴	16	16	16	.....	.....	.....	20,730
8	Automobiles.....	6	893	.....	39	134	46	674	Mh	805	De	517	584	577	6	1	.....	2,753,557
9	Awning, tents, and sails.....	135	984	147	42	44	16	735	Je	1,046	Fe	573	731	562	159	2	8	1,135,650
10	Babbit metal and solder.....	22	371	14	36	79	37	205	Ap	243	Ja	164	190	197	2	.....	.....	2,186,771
11	Bags, other than paper.....	18	1,135	10	29	51	22	1,023	No	1,111	My	967	1,040	336	650	.....	54	1,495,893
12	Bags, paper, not including bags made in paper mills.....	8	509	10	14	38	20	427	No	450	Fe	398	428	206	219	1	2	1,051,433
13	Baskets, and rattan and willow ware.....	34	485	35	19	19	6	406	Se ⁴	423	Jy	371	426	331	89	3	3	693,905
14	Belting, leather.....	24	441	23	23	95	26	274	Jy	281	De	258	270	261	5	4	.....	2,265,362
15	Blacking, stains, and dressings.....	21	460	20	23	77	23	317	My	406	Ja	272	282	184	146	.....	2	804,070
16	Bluing.....	3	22	2	4	1	1	14	Jy ⁴	18	No	11	11	2	8	.....	1	11,507
17	Bookbinding and blank-book making.....	324	8,309	324	266	429	205	7,085	Mh	7,648	Au	6,749	6,983	3,485	3,394	70	34	8,510,950
18	Boot and shoe cut stock.....	10	222	9	17	13	6	177	Au	185	Se	171	179	159	4	16	.....	557,541
19	Boot and shoe findings.....	49	793	50	28	32	22	661	De	820	Se	513	605	347	216	40	2	601,442
20	Boots and shoes, not including rubber boots and shoes.....	146	10,567	151	206	299	253	9,658	.....	.....	.....	.....	9,943	7,556	2,323	23	41	12,201,831
21	Regular factory products.....	135	10,264	139	201	266	243	9,415	Fe	9,762	No	8,707	9,697	7,442	2,202	23	30	11,821,085
22	Footwear, other than boots and shoes.....	11	303	12	5	33	10	243	Mh	276	Au	194	246	114	121	.....	11	380,746
23	Boxes, cigar.....	22	1,150	21	24	57	7	1,041	Se	1,002	Ap	1,006	1,037	592	428	3	14	725,193
24	Boxes, fancy and paper.....	220	11,186	208	297	452	229	10,000	.....	.....	.....	.....	9,753	4,444	5,112	35	162	12,715,405
25	Paper boxes and cartons.....	212	10,907	202	289	438	222	9,756	Mh	10,132	Jy	9,367	9,504	4,281	5,026	35	162	12,476,245
26	All other.....	8	279	6	8	14	7	244	My	265	Ja	231	249	163	86	.....	.....	239,160
27	Boxes, wooden packing.....	74	2,274	70	66	113	25	2,000	Jy	2,120	Ja	1,915	1,959	1,953	3	.....	3	3,639,749
28	Brass, bronze, and copper products.....	148	4,533	149	144	267	108	3,865	.....	.....	.....	.....	3,915	3,514	387	8	6	8,284,483
29	Brass and bronze.....	135	3,984	128	134	220	85	3,417	My	3,757	Se	3,206	3,359	2,989	357	7	6	7,450,300
30	Copper.....	5	232	5	2	27	16	182	No	275	Je	127	260	231	29	.....	.....	302,835
31	All other.....	8	317	16	8	20	7	266	Oc	306	My	228	298	294	1	1	.....	531,339
32	Bread and bakery products.....	2,491	25,197	2,639	373	1,537	775	19,870	.....	.....	.....	.....	21,455	16,990	4,410	39	7	49,115,177
33	Biscuits and crackers.....	16	6,147	3	92	466	100	5,486	No	6,451	Ja	4,219	6,336	3,362	2,972	.....	2	27,328,975
34	All other.....	2,475	19,050	2,636	281	1,071	678	14,384	De	14,959	Jy	14,065	15,119	13,637	1,438	39	5	21,786,202
35	Brick and tile, terra-cotta, and fire-clay products.....	8	517	6	11	55	10	435	Je	509	Mh	322	455	455	.....	.....	.....	1,236,492
36	Brooms.....	18	197	19	4	8	5	161	.....	.....	.....	.....	174	163	9	2	.....	228,980
37	From broom corn.....	14	175	15	3	6	3	148	Au	161	Ja	133	160	152	7	1	.....	216,454
38	All other.....	4	22	4	1	2	2	13	Mh ⁴	14	Jy ⁴	11	14	11	2	1	.....	12,535
39	Brushes.....	79	1,369	95	57	99	43	1,075	.....	.....	.....	.....	1,107	705	387	5	10	2,005,330
40	Toilet.....	12	239	8	14	17	8	192	De	206	Jy	180	200	102	98	.....	.....	534,069
41	Paint and varnish and all other.....	67	1,130	87	43	82	35	883	Mh	949	Jy	832	907	603	289	5	10	1,471,431
42	Buttons.....	207	3,495	256	99	162	75	2,903	Mh	3,260	Jy	2,370	2,991	1,850	1,107	20	14	2,558,680
43	Candles.....	5	70	6	5	6	2	51	Se ⁴	65	Se ⁴	46	46	31	14	1	.....	167,466
44	Canning and preserving, fish.....	13	167	5	14	15	4	129	Ja	144	Au	119	137	105	31	1	.....	500,871
45	Card cutting and designing.....	18	198	20	6	7	3	162	Mh	177	Au	150	166	87	77	1	1	182,504
46	Carpets and rugs, other than rag.....	4	250	4	6	14	9	217	Mh	237	Oc	200	210	97	110	1	2	288,976
47	Carpets, rag.....	11	47	11	2	5	1	28	No	42	Mh	16	33	30	3	.....	.....	13,063

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.							Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.			Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

\$16,912	\$15,188	\$82,843		\$5,729	\$6,665	\$262,559	\$1,602	\$419,524	\$155,363	94		93	1	20
		1,880		1,630		5,950	190	14,036	7,896					
13,400	6,778	23,522		4,800	581	77,621	2,710	164,121	83,790	240	150	50	40	3
28,384	24,333	115,252	\$600	6,745	2,542	182,294	5,228	454,228	266,711	240	83		157	4
		468		156	15	916	192	4,777	3,669	8			8	5
1,987,150	2,867,854	11,234,161	92,762	258,560	490,813	40,889,936	4,276,250	72,666,428	27,500,242	68,528	43,876	1,701	22,951	9,228

Lead, bar, pipe, and sheet.....	1	Photographic materials.....	2	Silversmithing and silverware.....	1	Suspenders, garters, and elastic woven goods.....	1
Liquors, vinous.....	1	Pipes, tobacco.....	1	Smelting and refining, copper.....	1	Tinware, not elsewhere specified.....	1
Lumber and timber products.....	1	Plumbers' supplies, not elsewhere specified.....	5	Smelting and refining, not from the ore.....	2	Toys and games.....	2
Millinery and lace goods.....	9	Printing and publishing, music.....	1	Sporting and athletic goods.....	2	Typewriters and supplies.....	1
Mirrors, framed and unframed.....	2	Pumps, not including power pumps.....	1	Springs, steel, car and carriage, not made in steel works or rolling mills.....	1	Varnishes.....	2
Motorcycles, bicycles, and parts.....	8	Pumps, steam and other power.....	2	Stamped and enameled ware, not elsewhere specified.....	5	Vault lights and ventilators.....	1
Mucilage and paste.....	1	Regalia and society badges and emblems.....	1	Stationery goods, not elsewhere specified.....	1	Vinegar.....	1
Musical instruments and materials.....	1	Rubber goods, not elsewhere specified.....	3	Safes and vaults.....	1	Wall paper, not made in paper mills.....	1
Musical instruments, organs.....	1	Saws.....	1	Scales and balances.....	1	Window and door screens and weather strips.....	1
Musical instruments, pianos.....	2	Scales and balances.....	1	Saws, machine.....	1	Wood distillation, not including turpentine and rosin.....	1
Musical instruments, piano and organ materials.....	2	Scissors, machine.....	2	Shirts.....	6	Wooden goods, not elsewhere specified.....	3
Oil, linseed.....	3	Show cases.....	2	Signs and advertising novelties.....	17	Wool pulling.....	1
Oil, not elsewhere specified.....	3	Signs and advertising novelties.....	2	Silk goods, including throwsters.....	2		
Paints.....	4	Surgical appliances.....	2				
Paper goods, not elsewhere specified.....	4						
Paper patterns.....	1						
Petroleum, refining.....	1						

\$59,974,743	\$93,238,258	\$357,497,611	\$61,394,677	\$41,653,404	\$36,892,477	\$1,197,653,810	\$31,500,896	\$2,292,831,693	\$1,063,676,988	550,962	334,086	38,423	68	178,385	111,844	1
154,514	224,935	1,606,180	76,709	178,613	3,058	2,475,710	18,165	6,100,207	3,606,332	98				98		2
7,360	12,616	53,773	1,859	11,140	78	32,352	5,153	214,100	176,590	25				19		3
56,126	21,918	153,868	11,246	16,374	3,837	235,328	6,796	593,417	359,328	170	115	6		46		4
375,499	308,287	1,703,911	4,688	265,766	54,320	2,532,770	84,290	5,967,412	3,320,352	2,787	835	329		1,623	739	5
261,622	244,704	3,321,502	27,934	689,938	11,431	2,700,863	146,289	9,009,765	6,162,613	3,873	10	154		3,709		6
255,322	240,750	3,308,118	27,934	688,038	11,431	2,674,440	145,522	8,942,931	6,122,969	3,854		154		3,700		7
3,300	3,954	13,384		3,900		36,423	767	66,834	39,644	19	10			9		8
137,409	222,144	360,516	142,695	7,260	14,172	2,339,496	27,677	3,516,802	1,149,629	1,693	50			1,643		9
59,191	52,960	503,238	4,733	82,693	2,365	1,159,102	12,350	2,357,699	1,138,247	238	50	11		177		10
115,400	120,833	147,966	1,628	19,848	8,439	3,690,871	31,853	4,635,797	913,068	175	40			135		11
99,884	83,213	413,132	100	49,155	5,880	6,021,872	15,700	7,096,303	1,058,671	422	250			172	50	12
46,654	57,649	215,492		35,762	1,485	1,182,681	8,514	1,903,345	712,150	263		47		216		13
41,716	20,176	203,320	8,858	18,067	4,409	671,332	4,168	1,161,329	485,779	150	100	2		48	43	14
90,283	120,651	158,706	15,240	54,139	37,730	1,877,617	18,897	2,859,713	963,204	1,461	1,315	25		121	10	15
57,155	183,142	148,484	3,479	20,445	5,413	706,852	7,958	1,460,951	746,141	289	175	86		28	126	16
10,680	1,274	5,457		1,920	15	21,261	452	47,265	25,582	12				12		17
655,041	458,064	3,769,373	241,155	532,271	16,702	3,776,518	127,178	11,512,285	7,608,589	3,071	595	271		2,205	2	18
25,028	13,792	101,490		16,000	3,748	727,324	4,010	983,560	252,516	212	18			194		19
48,490	35,527	241,070	14,241	33,069	1,049	3,736,602	14,333	1,318,855	507,920	348				260		20
529,148	574,381	6,102,612	91,415	302,288	25,793	12,146,004	137,705	13,859,052	11,575,353	4,196	1,847	287		2,062	227	21
501,090	507,625	6,000,022	91,115	290,613	28,252	11,860,685	134,677	23,203,413	11,208,051	4,121	1,847	262		2,012	227	22
28,058	66,756	102,590	300	11,675	541	285,319	3,028	655,649	367,302	75		25		50		23
70,437	60,563	482,350	1,944	41,546	10,705	735,944	12,437	1,516,506	768,125	635	475	86		74	40	24
679,305	619,491	4,126,328	41,283	666,914	48,729	6,800,461	128,371	15,852,953	8,924,121	5,012	2,580	371		2,061	2,822	25
661,001	591,435	4,006,327	41,283	648,930	48,208	6,586,238	122,184	15,386,982	8,678,560	4,921	2,580	354		1,987	2,822	26
18,304	28,056	120,001		17,984	521	214,223	6,187	465,971	245,561	91	17			74		27
140,117	122,075	1,063,369	2,520	160,434	59,552	4,138,631	67,992	6,519,973	2,313,350	4,311	3,145	732		384	253	28
351,604	285,420	2,405,923	21,911	211,757	40,338	4,955,654	156,164	10,499,290	5,387,472	4,016	1,973	1,213		830	206	29
300,104	247,468	2,070,179	21,911	180,145	37,918	4,343,890	123,192	9,109,770	4,642,688	3,542	1,958	1,197		387	206	30
5,200	20,452	117,968		17,664		185,993	10,565	392,455	195,897	204	6			198		31
46,300	17,500	217,776		13,948	2,420	425,771	22,407	997,065	548,887	270	15	10		245		32
941,024	1,592,836	13,083,514	24,392	1,982,377	308,493	41,037,779	1,492,086	80,056,218	37,506,353	12,701	4,474	358		7,869	2,733	33
326,243	350,428	2,537,936		225,543	143,555	8,948,176	260,662	21,430,752	12,231,914	4,984	2,480			2,504	1,607	34
614,781	1,242,408	10,545,578	24,392	1,756,834	164,938	32,109,603	1,241,424	53,625,462	25,274,439	7,717	1,994	358		5,365	1,126	35
25,110	56,064	263,132	3,513	4,620	6,113	95,592	63,732	577,272	417,948	1,250	1,235			15	134	36
3,512	9,612	64,527		11,574	1,239	157,560	3,118	315,837	155,159	61		14		47		37
3,200	6,804	57,849		9,419	1,239	144,754	2,900	280,357	132,703	51		10		41		38
312	2,808	6,678		2,155		12,806	213	35,480	22,456	10		4		6		39
126,369	121,803	514,306	9,964	67,768	7,897	1,253,333	19,504	2,668,471	1,395,623	643	327	105		211	16	40
28,149	23,747	96,931	250	13,390	1,249	205,979	4,754	486,022	275,289	288	250			38	16	41
98,220	98,056	417,375	9,714	54,378	6,648	1,047,359	14,750	2,182,449	1,270,340	355	77	105		173		42
228,621	176,325	1,186,273	34,021	170,401	4,938	1,721,006	43,968	4,309,656	2,544,682	1,315	525	308		482	20	43
12,500	7,913	18,870		3,180	804	105,463	4,075	212,229	102,686	101	61	50		16		44
39,797	19,008	73,254		10,555	2,050	1,092,141	8,757	1,337,378	236,480	122	50	15		57		45
9,404	9,653	81,120	2,500	21,810	119	119,198	3,482	314,850	132,170	82		5		77		46
21,607	23,077	105,837		12,076	1,775	122,033	6,530	345,967	217,404	198	198			47		47
1,760	3,428	11,701	900	4,252	2	9,694	998	54,590	43,863	24		11		13		48

¹ Same number reported throughout the year.

² Same number reported for one or more other months.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$2,505	\$2,126	\$21,379		\$3,852	\$269	\$31,985	\$1,323	\$86,802	\$53,494	41		15		26	1
12,270	7,310	100,226	\$26,000	13,322	963	197,686	1,683	430,583	231,214	16				16	2
75,428	52,747	1,109,542	23,797	173,640	25,810	1,050,508	61,112	3,195,463	2,083,843	2,217	310	416		1,491	3
70,923	43,672	990,866	23,429	158,854	24,531	953,923	57,315	2,883,485	1,872,247	2,096	310	416		1,370	4
4,505	9,075	118,676	368	14,786	1,279	96,585	3,797	311,978	211,596	121				121	5
197,437	182,048	2,742,986		350	134,969	3,092,171	141,365	6,491,327	3,257,791	6,060	50			6,010	6
80,933	122,464	1,424,086			26,774	1,417,925	48,269	3,142,624	1,676,430	2,682	1,385			1,297	7
286,114	332,514	1,644,872,146	721	630	50	6,060	7,893	12,302,023	2,606,561	3	3			444	8
936	9,478	56,198	825	7,526	63,434	9,403,944	291,518	300,071	130,620	4,269	3,707	118		249	9
89,847	261,526	284,744		53,050	20,157	4,168,688	57,993	5,826,273	1,599,592	3,269	3,050	40		179	10
49,408	70,280	52,370	4,150	21,132	1,904	350,143	5,935	714,307	358,229	115	60			55	11
16,302	45,537	18,824	1,800	11,373	466	159,038	2,744	339,826	178,044	29				29	12
33,106	24,743	33,546	2,350	9,759	1,438	191,105	3,191	374,481	180,185	86	60			26	13
121,299	65,971	510,690	4,976	16,352	13,010	681,745	24,669	2,194,129	1,487,715	928	480	16		432	14
2,007,678	5,040,576	27,241,635	21,285,736	2,848,669	67,272	77,657,077	522,174	162,854,257	84,675,006	7,669	990	1,257	1	5,421	15
1,887,101	4,992,705	15,498,286	20,969,780	2,298,808	59,488	76,939,014	267,360	146,287,948	69,034,574	4,139	921	264	1	2,953	16
1,529,559	3,958,425	12,579,846	16,448,923	1,843,654	53,377	62,245,463	196,369	117,337,841	54,896,009	3,049	831	111	1	2,106	17
345,382	1,018,268	2,825,313	4,508,154	433,420	5,970	14,332,035	68,046	28,206,803	13,806,672	983	90	153		740	18
12,160	10,012	93,127	12,703	21,734	141	408,466	2,945	743,304	331,893	107				107	19
120,577	47,871	11,743,349	315,956	549,861	7,784	671,063	254,814	16,566,309	15,640,432	3,530	69	993		2,468	20
95,197	37,552	10,187,703	298,250	469,312	6,885	409,438	218,403	14,107,460	13,479,619	2,861	19	741		2,101	21
25,380	10,319	1,585,646	17,706	80,549	899	261,625	36,411	2,458,849	2,160,813	669	50	252		367	22
10,196		160,572	524	20,540	661	31,679	6,028	308,967	271,260	129		46		83	23
5,318,876	11,767,564	62,831,076	14,371,723	7,520,435	110,517	179,622,597	1,155,074	339,842,534	159,064,863	15,250	358	532		14,360	24
5,244,593	11,712,726	58,030,704	14,302,177	7,120,544	109,088	179,042,871	1,016,767	331,009,369	150,949,671	13,021	358	346		12,317	25
2,210,354	5,939,042	29,158,512	8,223,861	3,613,492	55,107	89,798,886	428,418	165,820,963	75,398,659	5,124		43		5,081	26
1,997,055	3,958,743	21,287,839	4,439,951	2,492,123	37,820	58,940,066	375,956	112,533,254	53,217,232	4,953		100		4,853	27
724,545	1,067,083	4,934,764	575,389	644,051	13,343	19,469,072	127,185	32,817,925	13,221,668	1,852	195	178		1,479	28
126,624	343,894	1,023,434	678,559	239,361	1,259	5,625,858	30,447	10,051,996	4,395,691	399				399	29
186,015	403,964	1,656,155	384,417	231,517	1,559	5,203,989	54,761	9,985,171	4,721,421	693	163	25		505	30
74,283	54,838	4,800,372	69,546	399,891	1,429	570,726	138,307	8,833,225	8,115,192	2,229		186		2,043	31
25,248	14,968	628,667	2,425	117,293	345	101,812	40,933	2,138,124	1,995,379	727		67		660	32
6,500	1,620	248,421		16,771	242	98,930	6,294	478,671	373,447	109		8		101	33
42,535	38,250	3,923,284	67,121	265,827	842	378,984	91,080	6,216,430	5,746,366	1,393		111		1,282	34
311,607	939,318	869,151	15,885	273,316	33,712	23,994,134	147,754	20,860,995	5,719,107	4,808	1,678	97		3,033	35
272,145	793,670	739,777	15,423	231,844	31,734	22,378,755	136,105	27,896,768	4,881,908	4,242	1,633	94		2,515	36
39,462	145,648	129,374	462	41,472	1,978	1,615,379	11,649	2,404,227	837,199	566	45	3		518	37
69,980	122,645	386,913		32,287	12,034	1,490,007	20,073	2,551,259	1,029,179	957	650	37		270	38
3,000		19,000		1,610	790	16,198	790	51,846	34,858	11				11	39
95,000	67,757	232,367	87,195	17,525	258	483,849	14,392	1,107,308	609,067	267	131	106		30	40
900,194	963,289	4,320,313	3,100	842,631	124,430	19,161,261	344,784	32,869,805	13,363,760	11,540	8,539	1,447		1,554	41
781,037	822,624	3,570,827	3,100	765,671	88,093	15,041,555	292,308	25,251,805	9,917,942	9,970	8,429	618		923	42
36,529	42,167	124,809		28,879	25,465	1,435,728	5,588	3,302,719	1,861,403	318		10		308	43
82,628	95,468	624,677		48,081	10,272	2,683,978	46,888	4,315,281	1,584,415	1,252	110	819		323	44
72,438	30,211	734,580		40,452	28,169	2,892,518	43,934	3,653,985	1,217,533	1,902	1,815	13		74	45
65,638	28,411	704,386		38,712	27,119	2,818,538	42,701	3,516,275	1,155,036	1,699	1,640	13		46	46
6,800	1,800	30,194		1,740	1,050	78,980	1,233	137,710	62,497	203	175			28	47
472,455	273,123	2,466,391	141,314	276,564	20,797	4,437,848	65,228	9,681,308	5,178,232	2,072	380	183		1,509	48
38,746	61,925	88,762		34,553	9,054	749,537	6,258	1,290,734	634,889	72		10		62	49
165,700	410,182	963,939	90,895	212,237	13,024	2,182,011	20,166	5,170,942	2,985,765	437		40		397	50
10,160	21,060	65,201	30,342	9,210	662	392,852	10,259	604,859	201,748	238	88	45		105	51
35,025	12,432	113,984		3,560	3,030	278,402	6,352	540,891	256,137	227	140			48	52
64,253	108,718	291,027	545	39,356	1,069	491,435	12,065	1,321,581	818,081	268		74		194	53
160,413	179,912	548,774	12,869	22,089	9,062	5,118,036	25,803	7,032,321	1,888,482	1,059	940			119	54
314,742	494,375	573,823	2,640	90,768	23,414	3,657,611	39,763	6,122,199	2,424,825	1,060				343	55
366,793	358,080	1,629,202	104,106	143,016	31,361	3,781,331	175,145	8,380,858	4,444,382	5,067	3,907	470		690	56
156,009	124,835	296,918	2,150	19,353	29,722	3,073,885	39,201	4,520,676	1,407,790	2,512	2,337	15		160	57
726,457	920,031	2,653,183	61,571	268,375	35,249	6,325,593	161,046	14,145,603	7,658,964	4,236	1,085	411		2,740	58
30,387	19,379	310,105	3,160	69,167	224	130,980	25,323	799,811	643,508	540	12	281		247	59
5,000	3,693	22,610	1,140	3,000	345	18,520	3,171	76,680	54,989	32		25		7	60
10,468	3,730	11,226		4,590	241	109,901	1,260	153,970	42,809	83		53		30	61
47,349	24,627	298,765	5,671	61,446	795	105,162	9,684	851,571	736,725	285		62		223	62
285,548	466,001	1,573,163	52,924	102,919	53,625	1,314,836	58,342	4,833,974	3,460,796	1,918	100			1,818	63

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Total.	Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

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

NEW YORK CITY—Continued.																		
1	Engraving, wood	19	79	19	1	2	1	56	Jy ^s	57	Au ^s	54	56	43	9	4	.....	\$34,204
2	Envelopes	12	1,247	6	26	87	39	1,089	Mh	1,115	Jy	1,043	1,093	426	666	1	.....	1,750,204
3	Fancy articles, not elsewhere specified	205	3,435	221	112	266	157	2,679	.....	.....	.....	.....	2,809	1,244	1,483	8	74	3,323,939
4	Beadwork	8	226	6	3	13	9	195	Se	237	De	128	190	7	188	.....	1	107,630
5	Celluloid and paper novelties	27	471	29	9	49	21	363	Oc	467	Ja	307	348	169	163	2	14	435,452
6	Metal novelties	41	629	40	27	45	23	494	Fe	553	De	433	476	364	112	.....	.....	754,006
7	Wood novelties	6	113	3	3	7	5	95	Mh	105	De	76	107	82	25	.....	.....	122,825
8	All other	123	1,996	143	70	152	99	1,532	Oc	1,692	Jy	1,374	1,682	622	995	6	50	1,812,700
9	Feathers and plumes	203	4,528	139	110	304	155	3,820	Se	4,669	De	3,232	3,831	462	3,297	3	69	4,507,259
10	Flags and banners	21	785	12	29	79	34	581	Ja	625	Ja	540	594	160	412	11	11	801,102
11	Flavoring extracts	61	404	55	41	98	22	188	Je	205	Ap ^s	175	186	112	72	1	1	727,798
12	Food preparations, not elsewhere specified	181	2,789	175	106	268	84	2,156	.....	.....	.....	.....	2,200	1,619	666	2	3	5,507,696
13	Breadstuff preparations, cereals, and table foods	11	100	9	8	17	2	64	De	74	Jy ^s	60	74	34	40	.....	.....	160,010
14	Macaroni, vermicelli, and noodles	93	973	113	14	68	20	763	De	820	Fe	727	816	615	198	2	1	1,516,593
15	Meat products and all other for human consumption and for animals and fowls	77	1,711	53	84	183	62	1,329	Jy	1,402	Ja	1,233	1,400	970	428	.....	2	3,830,493
16	Foundry and machine-shop products	755	18,821	617	689	1,583	514	15,418	Fe	16,035	De	14,461	15,690	15,199	443	48	.....	68,319,865
17	Boiler shops	8	180	7	13	7	2	151	Fe	164	Mh	138	159	159	.....	.....	.....	165,030
18	Foundries	22	1,500	6	48	43	19	1,384	Mh	1,542	De	1,245	1,326	1,306	18	2	.....	2,316,932
19	Machine shops	725	17,141	604	628	1,533	493	13,883	Fe	14,467	Se	12,988	14,205	13,784	425	46	.....	65,837,303
20	Fur goods	824	8,216	1,238	199	919	341	5,519	No	7,210	Ja	3,975	6,903	5,055	1,834	9	5	17,484,210
21	Furnishing goods, men's	210	6,994	254	182	649	326	5,583	Oc	5,932	Ja	5,295	5,733	1,672	3,998	5	58	9,255,833
22	Furniture	474	10,295	510	414	634	187	8,550	.....	.....	.....	.....	8,110	7,892	209	8	1	11,782,464
23	Wood, other than rattan and willow	265	5,821	289	222	355	97	4,858	Ja	5,183	De	4,721	4,738	4,672	157	8	1	7,550,990
24	Rattan and willow	19	450	22	12	17	7	392	Mh	424	Oc	337	376	361	15	.....	.....	217,570
25	Metal	36	1,818	37	63	115	49	1,554	Oc	1,812	De	1,422	1,418	1,385	33	.....	.....	1,904,489
26	Store and office fixtures	154	2,206	162	117	147	34	1,746	Fe	2,137	Oc	1,561	1,578	1,574	4	.....	.....	2,108,415
27	Furs, dressed	52	1,124	59	37	45	9	974	Se	1,098	Fe	799	977	864	112	1	.....	1,640,155
28	Gas and electric fixtures	111	3,391	92	143	387	87	2,862	.....	.....	.....	.....	2,721	2,580	124	13	4	4,670,123
29	Gas fixtures	29	923	24	38	101	20	740	Mh	776	Jy	692	759	675	80	1	3	1,201,684
30	Electric fixtures and all other	82	2,468	68	105	286	67	1,942	Oc	2,032	Jy	1,834	1,962	1,905	44	12	1	3,414,830
31	Gas, illuminating and heating	20	11,145	.....	306	3,263	162	7,414	Je	7,695	Mh	7,208	7,228	7,223	5	.....	.....	280,497,340
32	Gas machines and gas and water meters	7	1,178	1	27	120	30	1,000	Jy	1,133	Ja	695	949	903	42	1	.....	5,157,698
33	Glass	8	912	3	25	37	9	838	Je	1,040	Jy	398	833	762	29	36	6	1,641,392
34	Glass, cutting, staining, and ornamenting	123	1,631	139	59	71	50	1,312	Ja	1,455	Oc	1,051	1,383	1,269	104	7	3	1,353,406
35	Gloves and mittens, leather	33	570	36	10	25	19	480	Ja	561	No	401	451	207	240	.....	4	501,349
36	Grease and tallow, not including lubricating greases	9	759	5	21	40	7	686	Je	736	No	608	640	633	7	.....	.....	1,874,194
37	Hair work	79	841	89	29	52	52	619	Mh	668	De	559	591	218	373	.....	.....	1,587,847
38	Hand stamps	35	253	33	18	24	12	166	Se	175	Mh	160	168	157	5	6	.....	189,167
39	Hardware	49	1,490	29	65	154	36	1,206	.....	.....	.....	.....	1,153	1,043	109	1	.....	2,976,058
40	Locks	8	112	4	6	4	1	97	Fe	101	Oc	62	96	90	6	.....	.....	130,694
41	Hinges and other builders' ware	12	344	9	16	27	12	280	Ja	353	Au	240	285	285	.....	.....	.....	819,065
42	All other	29	1,034	16	43	123	23	829	My	904	No	720	772	668	103	1	.....	2,026,299
43	Hats and caps, other than felt, straw, and wool	273	4,785	390	100	186	90	4,019	Se	4,227	No	3,873	4,124	3,388	735	.....	1	3,621,063
44	Hats, fur-felt	31	1,456	29	37	82	26	1,282	De	1,354	My	1,134	1,387	864	518	3	2	4,000,411
45	Hats, straw	70	2,798	61	110	173	134	2,320	Mh	3,082	Jy	1,538	2,522	1,245	1,271	3	3	3,381,105
46	Hosiery and knit goods	303	8,846	359	168	373	254	7,692	Se	8,220	De	6,784	7,818	2,269	5,405	9	135	13,314,213
47	House-furnishing goods, not elsewhere specified	118	2,071	129	62	162	85	1,633	Oc	1,750	Jy	1,492	1,687	619	1,053	.....	15	3,818,816
48	Ice, manufactured	52	1,097	13	70	46	2	966	Jy ^s	1,205	Ja	757	1,074	1,074	.....	.....	.....	8,050,757
49	Ink, printing	23	849	20	58	238	56	477	Se	486	Ja	468	474	466	6	2	.....	4,118,159
50	Ink, writing	9	243	5	15	55	7	161	No	172	Jy ^s	154	170	89	81	.....	.....	951,242
51	Instruments, professional and scientific	67	1,464	64	68	200	49	1,083	.....	.....	.....	.....	1,281	1,089	152	34	6	2,585,789
52	Medical and surgical	28	437	25	26	38	6	342	Ja	358	Jy	319	336	322	9	4	1	516,686
53	All other	39	1,027	39	42	162	43	741	Oc	1,086	Ja	500	945	767	143	30	5	2,069,103
54	Iron and steel, doors and shutters	10	355	12	9	19	6	309	No	486	Ja	81	425	425	.....	.....	.....	512,889
55	Ivory, shell, and bone work, not including combs and hairpins	22	208	21	13	9	10	155	My	172	No	130	152	116	38	2	1	168,189
56	Japanning	10	84	12	3	1	2	66	Je	72	Oc ^s	62	63	62	1	.....	.....	117,461
57	Jewelry	512	6,519	619	215	583	455	4,647	Mh	4,871	Au	4,393	4,731	4,172	517	33	9	16,047,640
58	Jewelry and instrument cases	61	894	60	38	37	25	734	No	801	Mh ^s	700	765	481	266	13	5	798,433
59	Labels and tags	31	806	20	38	100	49	599	Ja	633	Oc	583	578	437	136	5	.....	1,068,000
60	Lamps and reflectors	34	1,093	23	56	90	35	889	.....	.....	.....	.....	791	705	85	1	.....	2,171,626
61	Reflectors and automobile and carriage lamps	14	482	13	14	42	13	400	Mh	449	Au	359	365	394	.....	.....	.....	614,870
62	All other lamps	20	611	10	42	48	22	489	Fe	553	De	380	426	341	85	.....	.....	1,556,756

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$1,560	\$3,118	\$35,141	\$4,580	\$6,980	\$5	\$11,073	\$355	\$99,857	\$88,429	5				5	1	2
81,046	109,495	550,312	8,794	75,223	5,434	1,069,649	13,842	2,287,110	1,198,619	736	500			236	221	
220,449	349,444	1,234,151	93,066	232,941	6,033	3,509,430	35,499	6,899,434	3,354,505	1,055	580	90		385	50	3
5,540	15,845	54,006	33,959	10,471	316	660,263	1,117	893,765	232,385	5				5		4
19,679	89,779	180,202	13,541	49,162	388	560,491	7,183	1,089,185	521,511	213	160	27		26	50	6
43,208	57,900	244,989	2,879	38,443	1,576	352,276	8,670	964,623	603,677	360	240	24		96		6
4,830	7,736	51,439	2,500	11,200	105	28,717	2,156	134,114	103,241	154	125	3		26		7
147,192	173,181	703,615	40,187	123,665	3,648	1,907,683	16,373	3,817,747	1,893,691	323	55	36		232		8
309,192	435,741	1,728,373	39,370	309,996	6,629	5,597,323	27,492	10,247,911	4,623,096	302	68	93		141		9
77,570	117,614	290,518	3,881	46,470	2,036	714,610	10,273	1,639,391	914,508	149	45			104		10
96,201	101,564	88,797	1,151	52,125	5,696	898,029	5,323	1,514,627	610,775	124	40			80		11
363,870	424,753	1,082,013	19,614	245,042	31,768	9,109,375	218,076	13,341,495	4,014,044	3,842	1,594	625		1,623	366	12
11,160	9,932	26,193		11,400	477	304,349	3,674	409,146	101,123	147		45		102		13
50,732	107,628	324,773		89,017	9,866	1,544,330	65,909	2,437,736	827,497	1,575	700	515		360	140	14
301,978	307,193	731,047	19,614	144,625	21,425	7,260,696	148,493	10,494,613	3,085,424	2,120	894	65		1,161	226	15
2,100,945	2,131,178	11,725,738	176,440	744,618	312,501	12,709,512	577,400	41,418,120	28,131,208	21,800	9,919	3,292		8,589	10,544	16
25,457	8,908	93,631	3,248	14,617	1,372	104,595	5,520	340,839	230,721	206	110	76		20		17
168,005	59,968	1,095,173	4,951	15,803	629,672	92,088	2,488,414	1,766,654	2,008	727	115			1,166	153	18
1,907,485	2,062,302	10,536,934	168,241	690,837	295,326	11,975,242	479,792	38,588,867	26,133,833	19,586	9,027	3,101		7,403	10,391	19
460,413	1,191,348	4,116,246	182,391	1,105,777	38,607	16,050,699	79,296	29,070,984	12,940,989	1,161	100	7		1,154	108	20
545,391	1,023,647	2,909,101	832,014	390,777	7,256	12,688,733	53,316	21,446,080	8,704,031	824		24		700	25	21
860,917	753,416	5,682,185	225,296	859,907	54,556	9,163,536	228,122	21,611,530	12,219,872	7,939	4,587	1,029		2,323	618	22
504,196	462,222	3,243,485	161,267	544,951	39,533	4,627,822	128,299	11,517,212	6,761,091	3,827	2,452	427		948	3	23
16,019	17,964	207,011		32,240	399	207,497	5,231	624,569	411,841	153		5		148		24
131,420	104,140	835,995	1,046	94,493	5,029	2,370,927	52,489	4,512,050	2,088,634	2,016	1,265	98		653	450	25
209,282	169,090	1,395,694	62,083	183,223	9,595	1,957,290	42,103	4,957,699	2,958,306	1,943	870	499		574	165	26
133,381	55,314	596,360	67,359	62,247	4,689	565,534	48,545	1,945,004	1,340,925	1,234	665	87		482		27
394,749	606,328	1,798,078	16,397	241,720	21,061	3,040,399	88,651	7,278,042	4,148,992	1,769	665	299		805	15	28
97,487	142,819	499,416	52,593	903	903	785,870	23,950	1,914,295	1,104,475	285		24		261		29
297,262	463,509	1,298,662	16,397	189,127	20,158	2,254,529	64,701	5,363,747	3,044,517	1,484	665	275		544	15	30
984,754	1,935,839	4,206,217	103,139	50,995	2,326,558	6,582,437	11,691,676	42,299,984	24,025,871	34,675	34,271	332		72	3,711	31
180,879	217,373	665,961	55	3,276	35,736	1,147,249	46,398	3,449,413	2,255,766	1,479	330	750		399	425	32
63,175	39,912	484,436	14,332	2,850	11,286	145,500	103,806	1,217,665	868,359	711	536	100		75	245	33
93,266	98,093	356,542	27,036	103,264	2,979	886,932	40,868	2,730,098	1,802,298	552	71	178		303		34
15,604	34,918	227,428	42,260	31,228	237	474,299	4,119	937,861	459,443	47				47		35
85,154	58,174	550,698	9,832	222,027	19,637	2,471,013	274,867	3,997,637	1,251,757	2,037	1,975	12		50	1,016	36
66,540	102,231	289,515	16,547	65,260	3,853	1,008,634	5,651	1,980,677	966,392	25		4		21		37
22,465	22,878	107,667	3,000	26,426	3,848	421,995	4,699	421,894	291,200	73				73		38
167,939	133,937	752,367	4,882	90,758	11,241	1,721,434	44,530	3,347,378	1,581,414	1,478	718	224		536		39
7,753	4,360	63,528	2,528	8,195	1,241	42,606	3,673	159,816	113,537	85	50	13		22		40
47,254	34,319	216,727	1,418	12,248	2,503	271,632	14,717	695,296	408,947	567	338	116		113		41
112,932	95,258	472,112	936	70,315	7,497	1,407,196	26,140	2,492,266	1,068,980	826	330	95		401		42
181,390	241,621	2,560,118	67,875	256,115	2,321	5,152,385	53,112	10,523,884	5,318,387	679	100	34	3	542	58	43
95,348	82,656	840,956	288	40,026	11,469	1,972,065	25,118	3,601,944	1,604,761	434	305	35		94	52	44
270,348	317,040	1,451,527	6,769	208,350	4,993	5,087,271	39,105	8,586,261	3,509,585	552	150	59		343	9	45
446,332	588,868	3,402,175	1,218,225	273,961	37,651	9,399,635	108,760	19,006,869	9,498,474	2,373	1,520	168		1,185		46
148,650	218,403	891,438	16,854	130,094	18,714	4,549,647	32,206	6,440,055	1,858,202	903	510	23		370	101	47
128,338	46,920	836,439	4,627	133,895	101,797	440,903	913,902	3,664,182	2,304,377	27,314	24,825	2,466	16	7	2,755	48
435,912	396,152	395,652	56,146	39,640	22,837	2,561,735	63,899	6,113,476	3,487,842	2,863	2,402	205		256	742	49
49,694	107,962	87,869		20,158	4,675	355,322	6,817	882,728	520,589	152		65		87		50
147,366	191,712	793,278	34,674	91,257	9,176	960,390	35,240	3,231,399	2,235,769	731	195	74		462	40	51
41,372	32,561	245,453	11,137	22,464	1,593	186,332	12,178	765,976	567,466	410	195	52		163	40	52
105,994	159,151	547,825	23,537	68,793	7,583	774,058	23,062	2,465,423	1,668,303	321		22		299		53
27,036	20,224	242,634	6,258	9,305	1,904	251,081	11,050	705,058	442,927	247						54
16,286	11,037	77,164		14,840	17	199,674	4,813	372,838	168,351	102		32		70		55
20,481	1,793	43,600		9,533	111	33,848	2,714	127,138	90,576	66		9		57		56
555,854	962,310	3,622,828	173,328	449,946	9,374	10,589,495	93,143	20,467,868	9,785,225	1,927		76		1,851		57
67,608	44,384	375,199	15,473	51,916	926	477,509	10,297	1,362,068	874,262	479		30		449		58
123,769	136,903	375,995	12,901	74,752	3,962	751,896	14,353	1,838,480	1,119,231	430		97		333		59
150,724	97,219	531,478	4,330	53,254	12,003	909,008	22,702	1,977,741	1,046,031	578	250	89		239	75	60
47,463	53,688	248,626	30	17,699	3,571	354,833	11,993	899,537	522,711	223		58		165		61
103,261	43,581	282,852	4,300	35,555	8,432	554,175	10,709	1,088,204	523,320	355	250	31		74	75	62

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
NEW YORK CITY—Continued.																	
1 Lasts.....	6	238	2	17	13	4	202	Fe ^s	226	Au	168	186	184	1	1	.....	\$243,712
2 Leather goods, not elsewhere specified	156	4,050	192	99	291	111	3,357	Oc	3,922	Ja	3,122	3,337	2,363	903	38	33	4,273,181
3 Leather, tanned, curried, and finished	15	486	15	21	81	17	352	Fe	432	Se	273	374	353	21	.....	1,953,238	
4 Liquors, malt.....	53	7,442	5	259	855	40	6,283	Au	6,548	Fe	6,043	6,322	6,315	7	.....	102,768,016	
5 Lithographing.....	121	6,007	77	184	487	182	5,077	Mh	5,161	Jy	4,989	5,175	4,382	782	9	2	10,785,454
6 Looking-glass and picture frames.....	121	1,261	121	47	94	37	962	Mh	1,019	Jy	892	978	907	65	5	1	1,457,744
7 Lubricating greases.....	10	72	11	10	15	8	28	Mh ^s	29	Jy ^s	26	29	29	.....	.....	.....	243,819
8 Lumber and timber products.....	6	578	2	19	15	4	538	Ja	594	Je	494	529	522	2	5	.....	2,377,352
9 Lumber, planing-mill products, not including planing mills connected with sawmills.	180	5,277	129	244	354	61	4,489	Au	4,840	Fe	4,158	4,311	4,279	30	2	.....	10,258,801
10 Malt.....	3	101	.....	9	9	.....	83	De	120	No	60	120	120	.....	.....	.....	1,401,219
11 Marble and stone work.....	258	3,982	267	227	229	44	3,215	Jy	3,778	De	2,719	2,951	2,942	8	1	.....	8,197,537
12 Mattresses and spring beds.....	133	1,795	163	57	104	42	1,429	My	1,475	Ja	1,366	1,451	1,009	385	47	10	1,881,035
13 Millinery and lace goods.....	1,233	30,370	1,497	694	2,022	1,211	24,946	.....	.....	.....	.....	21,481	6,622	14,452	108	299	28,962,869
14 Embroideries.....	379	6,772	453	182	434	208	5,495	Mh	6,095	Jy	4,724	5,748	1,487	4,105	30	126	7,229,469
15 Trimmed hats and hat frames.....	367	10,613	454	246	715	467	8,731	Mh	11,108	Je	6,560	8,691	3,390	5,199	63	39	9,904,128
16 Women's neckwear, dress and cloak trimmings, braids, fringes, and all other.	487	12,985	590	266	873	536	10,720	Oc	11,624	Jy	9,775	7,042	1,745	5,148	15	134	11,829,268
17 Mineral and soda waters.....	271	2,031	299	79	138	23	1,492	Jy	1,675	De	1,364	1,400	1,389	11	.....	.....	3,197,942
18 Mirrors, framed and unframed.....	47	999	54	32	67	26	820	Oc	871	Jy	779	823	802	18	3	.....	2,136,277
19 Models and patterns, not including paper patterns.	99	1,309	101	67	78	51	1,012	Mh	1,123	No	914	964	820	133	7	4	1,649,816
20 Mucilage and paste.....	18	286	16	19	55	17	179	Se	185	De	175	175	163	9	8	.....	1,413,143
21 Musical instruments and materials.	46	270	55	8	10	7	190	.....	.....	.....	.....	193	187	5	1	.....	400,241
22 Metal and stringed instruments.	30	168	35	7	10	6	110	Mh ^s	117	Se	97	115	112	3	.....	.....	250,017
23 All other.....	16	102	20	1	.....	1	80	Fe ^s	84	Au	71	78	75	2	1	.....	150,224
24 Musical instruments, organs.....	6	50	11	.....	4	35	35	Oc	39	Fe	31	38	38	.....	.....	.....	67,891
25 Musical instruments, pianos.....	87	7,570	26	224	414	201	6,705	Ja	7,177	Jy	5,730	6,863	6,768	65	30	.....	25,220,640
26 Musical instruments, piano and organ materials.	28	2,479	11	55	59	21	2,333	Mh	2,467	Jy	2,156	2,325	2,038	186	92	9	4,544,670
27 Oil, not elsewhere specified.....	23	223	5	39	61	18	100	My	103	Se	96	100	94	6	.....	.....	516,930
28 Optical goods.....	44	646	44	16	88	37	461	Mh	491	Ap	441	472	423	43	6	.....	928,413
29 Paints.....	81	3,532	60	190	607	171	2,504	Ap	2,625	De	2,377	2,385	2,131	250	1	3	18,228,712
30 Paper goods, not elsewhere specified.	68	2,788	33	113	219	110	2,313	My	2,421	De	2,190	2,198	1,262	926	2	18	5,229,831
31 Patent medicines and compounds.....	318	3,524	188	326	640	448	1,922	De	1,999	Je	1,688	2,030	1,055	960	7	8	10,178,207
32 Paving materials.....	7	482	.....	12	25	3	442	Ap	639	Fe	288	418	417	1	.....	.....	1,061,772
33 Pens, fountain and stylographic.....	22	985	19	34	231	173	528	Mh	572	Se	505	526	460	65	.....	1	1,705,283
34 Pens, gold.....	9	262	6	16	15	13	212	Ja	233	De	194	196	170	25	1	.....	382,216
35 Perfumery and cosmetics.....	131	1,948	86	116	295	392	1,089	Oc	1,136	Ja	971	1,020	410	594	3	13	2,929,070
36 Photoengraving.....	65	2,038	27	118	314	69	1,510	Fe	1,538	Se	1,478	1,540	1,497	37	6	.....	1,493,255
37 Photographic apparatus.....	25	719	14	29	67	20	389	.....	.....	.....	.....	525	508	16	1	.....	1,121,933
38 Cameras and motion-picture machines.	15	598	8	13	59	11	507	Fe	577	De	449	450	448	1	1	.....	935,825
39 All other apparatus and parts.....	10	121	6	16	8	9	82	No	89	Jy ^s	.74	75	60	15	.....	.....	186,108
40 Photographic materials.....	10	131	6	12	22	4	87	Jy ^s	89	Fe ^s	85	87	77	10	.....	.....	719,709
41 Pickles, preserves, and sauces.....	63	1,507	53	60	141	44	1,209	.....	.....	.....	.....	1,244	701	541	2	.....	2,687,437
42 Preserves.....	12	634	5	27	66	22	514	Oc	695	My ^s	359	583	344	239	.....	.....	1,108,545
43 Pickles and sauces.....	42	873	48	33	75	22	695	Au	753	Fe	621	661	357	302	2	.....	1,578,862
44 Pipes, tobacco.....	16	1,498	15	13	29	11	1,430	My	1,520	De	1,289	1,289	1,040	229	6	14	1,299,324
45 Plated ware.....	15	679	13	20	61	32	553	No	709	Jy	377	528	475	53	.....	.....	1,036,078
46 Plumbers' supplies, not elsewhere specified.	32	622	27	29	55	17	494	Jy	518	Ja	464	512	508	4	.....	.....	1,088,015
47 Pottery.....	7	737	1	37	22	6	671	.....	.....	.....	.....	649	546	99	1	3	1,600,724
48 China, earthen, and stone ware..	3	106	1	8	4	.....	93	De	109	Jy	79	109	87	22	.....	.....	159,377
49 All other.....	4	631	.....	29	18	6	578	Mh	614	Se	530	540	459	77	1	3	1,441,347
50 Printing and publishing, book and job.	1,705	28,847	1,523	1,315	3,031	1,965	21,013	.....	.....	.....	.....	20,992	17,268	3,488	207	29	52,094,480
51 Job printing.....	1,455	23,930	1,379	954	1,311	679	19,607	Mh	20,742	Jy	18,645	19,599	16,435	2,937	198	29	30,724,465
52 Book publishing and printing.....	22	1,508	8	49	196	76	1,179	Ja	1,336	Se	1,098	1,174	639	528	7	.....	3,619,342
53 Book publishing, without printing.	205	3,137	115	289	1,520	1,206	7	.....	.....	.....	.....	6	1	5	.....	.....	17,329,973
54 Linotype work and typesetting..	23	272	21	23	4	4	220	Se	228	No	209	213	193	18	2	.....	420,700
55 Printing and publishing, newspapers and periodicals.	874	32,678	339	1,776	11,525	6,509	12,524	.....	.....	.....	.....	12,763	11,143	1,572	35	13	73,076,551
56 Printing and publishing.....	85	18,323	25	504	5,639	2,153	10,002	De	10,229	Jy	9,790	10,233	8,902	1,306	19	6	42,442,775
57 Printing, publishing and job printing.	126	4,019	70	202	1,026	411	2,310	Fe	2,394	Ap	2,210	2,360	2,186	156	15	3	7,978,839
58 Publishing without printing.....	663	10,331	244	1,070	4,860	3,945	212	Fe	275	Oc	163	170	55	110	1	4	22,654,947
59 Printing materials.....	17	215	11	18	26	8	152	Oc	162	Au	145	153	147	6	.....	.....	468,809
60 Pumps, steam and other power.....	8	220	1	16	23	4	176	Oc	181	De	167	168	168	.....	.....	.....	589,812
61 Refrigerators.....	21	600	13	23	41	7	516	Ap	590	Au	293	471	471	.....	.....	.....	1,145,500
62 Regalia and society badges and emblems.	33	178	41	8	11	5	113	De	118	Ap	107	118	45	67	.....	.....	128,448
63 Roofing materials.....	15	334	6	22	27	12	267	No	338	Je	238	268	267	.....	.....	.....	1,350,150
64 Rubber goods, not elsewhere specified	35	2,550	20	58	168	24	2,282	Je	2,522	De	1,840	1,882	1,157	698	10	22	4,577,490
65 Saddlery and harness.....	134	401	130	4	12	7	248	Je	253	De	242	245	234	9	2	.....	477,414
66 Sausage, not made in slaughtering and meat-packing establishments.	83	375	96	4	37	1	237	.....	.....	.....	.....	240	239	.....	.....	.....	564,309
67 Canned.....	5	18	5	.....	.....	.....	13	Au	15	Fe ^s	12	13	13	.....	.....	.....	8,710
68 All other.....	78	357	91	4	37	1	224	No ^s	229	Ap	220	227	226	.....	.....	.....	555,599

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.				Electric horsepower generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).	

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

\$44,930	\$21,228	\$164,025		\$17,537	\$3,261	\$125,046	\$15,592	\$508,694	\$368,056	321	125	5	191	1
202,270	408,027	1,863,774	865,595	213,239	9,673	5,108,004	36,157	9,527,011	4,382,850	579	100	31	448	67
79,126	87,108	211,771	387,106	23,485	7,304	1,811,311	16,462	2,747,766	919,993	769	620	24	125	100
1,915,428	1,546,013	5,648,074	251,710	93,116	10,885,002	14,647,763	1,238,923	56,311,597	40,424,911	42,520	41,326	320	874	12,178
731,433	787,063	4,131,116	386,144	494,976	44,111	4,380,197	111,258	13,617,487	9,146,032	4,356	2,130	199	2,027	2,208
117,591	115,610	562,365	8,034	147,757	3,047	989,056	14,926	2,423,637	1,419,655	364	188	36	140	81
23,910	21,293	15,891		5,426	1,587	212,835	1,139	356,485	142,511	53	40	7	6	7
71,740	19,492	376,133		44,543	5,385	277,183	37,405	1,028,821	714,233	3,397	3,227	100	70	820
497,257	419,236	3,130,973	121,941	268,058	66,521	6,683,067	121,305	12,822,859	6,018,487	18,628	10,365	1,325	1,938	3,702
29,516	12,934	77,074	200		7,794	609,969	14,237	731,846	107,640	517	517			324
518,865	283,999	3,030,935	484,018	220,423	51,985	3,365,837	155,788	9,455,855	5,934,230	10,281	6,015	1,112	3,154	2,965
118,725	123,937	901,531	200	150,836	2,678	2,794,663	25,509	4,734,436	1,914,264	812	320	38	454	75
1,533,308	2,983,339	12,395,887	1,581,941	1,870,083	35,225	36,279,426	330,187	70,800,274	34,190,661	4,635	656	332	3,647	158
420,422	582,212	2,806,731	1,090,632	398,663	13,708	5,553,697	70,944	13,960,351	8,335,710	898		20	878	4
575,194	1,015,128	4,982,196	60,819	749,344	8,978	15,090,032	131,061	27,645,149	12,424,056	1,560	168	147	1,245	30
537,692	1,385,999	4,606,960	430,490	722,076	12,541	15,635,697	128,182	29,194,774	13,430,895	2,177	488	165	1,524	124
141,907	133,625	962,953	5,093	185,552	18,936	1,559,517	66,704	4,278,005	2,651,784	1,430	398	436	596	43
50,432	83,139	529,947	11,250	73,708	6,430	1,380,595	27,691	2,538,608	1,130,322	883	404	238	241	109
147,208	106,228	623,366	14,226	126,614	3,289	805,750	32,723	2,714,046	1,875,573	712	182	102	428	7
43,092	63,092	112,546	720	10,336	11,535	809,419	23,881	1,434,939	601,639	447	124	56	267	3
17,532	13,897	112,112	1,235	31,714	2,403	100,336	5,910	547,280	391,034	139	30	56	53	25
15,972	13,221	64,826		21,960	1,662	70,169	3,553	366,084	292,362	91	30	38	23	25
1,560	676	47,286	1,235	9,754	741	80,167	2,367	181,196	98,672	48		18	30	23
	2,116	25,686	1,753	5,014	179	19,020	892	58,888	38,971	25		20	5	24
844,525	628,002	4,622,900	255,295	515,699	79,756	10,082,988	125,940	20,463,818	10,254,890	4,894	3,886	295	683	1,558
196,057	71,471	1,222,986		142,389	12,547	1,851,893	47,508	4,607,460	2,708,059	1,922	1,672	63	187	494
112,267	74,031	63,141	5,619	29,659	1,	436,925	8,659	1,894,833	449,245	233	130		103	27
35,588	108,831	277,445	1,948	37,085	4,294	519,007	13,146	1,237,547	705,394	229			229	3
668,884	1,059,564	1,645,205	4,001	146,376	122,387	13,207,190	253,284	21,661,546	8,201,072	11,093	6,344	2,871	1,863	2,203
354,146	273,800	1,097,110	3,785	165,324	172,202	3,452,036	107,384	7,127,176	3,567,756	3,140	2,486	169	485	1,155
1,021,324	994,638	1,041,411	47,122	287,920	93,635	6,227,076	68,062	17,836,905	11,541,767	2,141	1,219	304	618	600
33,407	28,325	337,248	62,174	25,197	16,246	554,992	35,935	1,043,012	452,085	1,359	1,275		84	56
72,690	242,669	340,706	100,098	32,773	2,295	746,414	12,686	4,595,404	3,836,304	202		35	167	33
31,748	27,818	148,955	293	14,551	1,279	260,790	4,377	573,814	308,647	100		22	78	34
440,332	691,858	523,842	550	204,523	40,389	2,790,259	15,835	6,197,665	3,390,971	550	145	34	369	35
322,819	376,093	1,643,016	61,997	150,078	3,272	731,676	58,174	3,766,327	2,976,477	489		8	481	36
109,690	65,332	430,364	35,777	46,635	2,457	549,151	11,931	1,645,050	1,083,938	214		17	197	37
85,630	48,502	331,798	34,150	35,371	2,194	501,067	10,960	1,441,319	929,292	192		14	178	38
24,060	16,830	48,566	1,627	11,264	263	48,114	971	203,731	154,646	22		3	19	39
36,742	19,949	51,897		10,940	625	200,217	7,123	373,993	166,653	58		20	38	40
148,790	182,849	678,212	3,573	124,466	17,260	4,217,053	46,278	6,410,755	2,147,424	1,331	666	207	458	1
85,130	85,540	311,937		26,173	7,415	2,321,639	27,339	3,135,574	736,596	538	300	149	89	42
63,660	97,309	361,275	3,573	98,293	9,845	1,895,414	18,929	3,275,181	1,360,828	793	366	58	369	1
33,087	34,677	745,479	3,678	29,416	3,622	1,547,500	31,004	2,624,783	1,046,369	651	450	70	131	470
61,890	112,902	336,217	2,839	27,802	1,539	338,908	15,789	1,145,398	740,696	497	213	19	265	45
63,048	60,188	272,983	3,150	47,460	2,225	952,922	24,072	1,578,077	601,083	756	585	64	107	3
91,814	30,654	379,605		7,680	13,142	109,395	81,435	782,635	591,805	570	490		80	47
12,039	2,562	48,954		1,167	13,993	8,109	74,943	52,841	52,841	125	125		48	48
79,775	28,092	330,651		7,680	11,985	95,402	73,326	707,692	538,964	445	365		80	49
3,647,819	4,493,128	15,969,295	7,135,993	2,391,269	131,681	16,711,232	743,107	68,272,608	50,818,269	19,361	2,605	970	15,785	1,703
2,450,499	1,941,688	15,009,406	972,801	1,968,176	76,972	13,479,669	695,721	45,034,131	30,858,741	18,021	1,850	967	15,204	1,594
199,039	250,129	716,537	220,917	86,429	17,342	1,332,813	34,513	3,470,561	2,103,235	1,218	755	3	459	51
964,337	2,296,225	3,985	5,942,275	317,811	37,015	1,864,207	2,873	19,334,733	17,467,653	19			19	53
33,944	5,086	239,367		18,853	352	34,543	10,000	433,183	388,640	103			103	54
7,137,898	19,012,721	12,885,641	2,880,270	2,101,238	342,927	27,790,209	605,030	113,715,577	85,320,338	18,884	3,095	74	15,715	2,160
2,652,325	9,506,021	10,565,298	842,435	1,033,923	228,308	17,943,134	484,543	57,605,125	39,177,448	15,407	2,995	24	12,388	2,145
624,765	1,516,249	2,121,474	321,182	262,405	50,427	1,561,789	114,336	10,023,906	7,347,781	3,229		50	3,179	56
3,860,808	7,990,451	198,869	1,716,653	804,910	64,192	7,285,286	6,151	46,086,546	38,795,109	248	100		148	15
39,657	39,796	128,120	1,783	24,975	1,232	267,371	6,623	668,171	394,177	214	120	58	36	5
47,000	26,909	135,546		18,255	2,155	170,632	7,809	533,217	354,776	358	265	35	58	9
76,010	36,119	336,752	36,715	30,888	8,778	736,276	5,101	1,382,920	641,543	631	475	41	115	55
17,502	9,925	55,164	10,178	14,130	369	124,517	2,028	304,353	177,808	23		10	13	61
47,521	51,768	198,667	13,314	13,433	6,219	783,533	17,685	1,359,548	558,330	317	269	20	28	20
192,206	207,967	1,142,684	24,173	45,281	26,533	1,848,187	75,532	4,864,561	2,940,832	4,558	3,560	74	924	2,480
5,202	18,622	157,414	652	51,002	2,412	405,850	6,059	852,851	441,442	57		11	64	63
5,993	30,062	193,236		38,506	2,576	2,059,732	33,941	2,747,457	653,784	804		49	755	65
		9,173		1,880		35,769	1,118	57,250	20,363	39		5	34	66
5,993	30,062	184,063		36,626	2,576	2,023,963	32,823	2,690,207	633,421	765		44	721	67

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																	
NEW YORK CITY—Continued.																	
1	Saws	7	71	7	4	4	6	50	Ap	58	Oc	38	42	42		\$180,568	
2	Scales and balances	7	300	5	12	45	10	228	Mh	242	Oc	205	218	218		289,870	
3	Shipbuilding, wooden, including boat building	59	2,375	57	73	88	12	2,145					1,926	1,924	2	5,115,410	
4	New vessels	16	945	16	42	31	4	852	Je	1,051	No	676	718	717	1	1,927,881	
5	Repair work only	11	1,211	10	18	48	6	1,129	Oc	1,333	Au	955	1,095	1,095		2,592,550	
6	Small boats, masts, and spars	32	219	31	13	9	2	164	Ja	238	De	90	113	112	1	594,985	
7	Shirts	184	9,071	271	97	494	286	7,923	Fe	8,771	Se	6,976	8,295	2,815	5,309	10	12,920,771
8	Signs and advertising novelties	249	2,037	209	101	129	79	1,519					1,523	1,243	264	1,999,334	
9	Electric signs and advertising novelties	48	920	34	42	73	43	728	Se	884	Mh	592	758	548	205	1,104,491	
10	Other signs	171	1,417	175	59	56	36	791	Ja	867	No	731	765	695	59	834,843	
11	Silk goods, including throwsters	94	6,648	93	119	369	120	5,947					5,028	2,200	3,245	11,020,820	
12	Finished products	84	6,186	78	112	338	111	5,647	Fe	5,800	De	5,084	5,243	2,134	2,928	10,475,034	
13	Throwsters and winders	13	462	15	7	31	9	400	My	445	No	355	385	60	817	1,145,186	
14	Silversmithing and silverware	35	803	27	38	118	22	598	Oc	656	Jy	541	609	582	22	1,748,961	
15	Slaughtering and meat packing	126	5,192	126	135	658	139	4,134	Ja	4,277	Se	4,036	4,109	4,083	21	31,389,990	
16	Smelting and refining, not from the ore	13	336	21	7	43	15	250	My	277	Au	220	2,175	273	1	2,784,772	
17	Soap	38	2,377	22	76	354	311	1,614	Au	1,678	Fe	1,516	1,628	1,402	221	11,517,627	
18	Sporting and athletic goods	22	715	21	14	26	15	639	No	727	Jy	587	649	426	219	903,496	
19	Springs, steel, car and carriage, not made in steel works or rolling mills	7	288	3	19	11	6	229	Au	251	De	205	205	205		287,420	
20	Stamped and enameled ware, not elsewhere specified	42	4,500	15	101	313	80	3,991	Ap	4,262	De	3,647	3,723	3,001	691	8,728,225	
21	Stationary goods, not elsewhere specified	50	1,612	43	55	149	71	1,294	Mh	1,362	Au	1,105	1,254	500	716	1,680,004	
22	Statuary and art goods	56	853	76	18	39	10	710	Se	752	My	668	770	761	4	1,020,064	
23	Steam fittings and steam and hot-water heating apparatus	21	1,028	9	58	203	56	702	Ap	721	No	673	696	679	16	3,429,933	
24	Steam packing	27	440	17	27	50	22	324	Ja	523	Au	167	417	394	22	1,057,984	
25	Stencils and brands	17	156	16	12	5	111	Au	114	Se	109	113	113	101	11	154,236	
26	Stereotyping and electrotyping	37	1,271	18	63	182	34	974	Fe	996	Se	950	951	929	12	1,304,110	
27	Stoves and hot-air furnaces	6	625	1	24	72	12	516	Ja	618	Oc	428	443	443		702,739	
28	Stoves, gas and oil	12	236	12	9	27	18	170	Mh	183	Jy	146	182	178	1	410,401	
29	Structural ironwork, not made in steel works or rolling mills	303	6,473	255	325	490	85	5,318	Oc	5,873	Fe	4,562	5,792	5,784	1	10,242,717	
30	Surgical appliances	62	569	47	44	38	61	379	My	397	Ja	303	370	125	246	701,948	
31	Suspenders, garters, and elastic woven goods	81	1,430	101	41	128	77	1,083	Jy	1,123	Ja	1,016	1,086	507	565	1,555,335	
32	Tinware, not elsewhere specified	46	3,481	29	87	190	48	3,127	Mh	3,290	De	2,951	3,129	2,625	487	11,217,214	
33	Tobacco, chewing and smoking, and snuff	38	168	38	6	3	1	120					117	65	52	302,438	
34	Smoking	27	128	28	5	2		93	Mh	98	Se	88	90	54	36	223,887	
35	Chewing, snuff, and all other	11	40	10	1	1		27	Au	32	My	26	27	11	16	78,551	
36	Tobacco, cigars and cigarettes	1,650	27,849	1,710	397	1,795	459	23,488	Ja	23,892	De	22,482	23,185	10,917	12,200	53,380,766	
37	Tools, not elsewhere specified	51	277	48	20	10	6	193					201	182	16	363,384	
38	Shovels, spades, scoops, and carpenters' and machinists' tools	6	41	2	7	2	2	28	My	33	Se	24	28	28		41,321	
39	All other	45	236	46	13	8	4	165	Au	169	Jy	160	173	154	16	322,063	
40	Toys and games	32	1,871	66	85	63	48	1,609	Se	2,274	Ja	921	1,627	901	652	2,075,553	
41	Trunks and valises	136	2,401	147	81	135	55	1,983	Jy	2,063	Ja	1,825	2,000	1,823	167	1,353,696	
42	Type founding	3	23	1	2	1		19	Je	23	Oc	13	23	23		35,455	
43	Typewriters and supplies	44	1,152	27	63	114	60	879					957	806	137	2,352,272	
44	Typewriters	26	751	15	33	69	39	595	My	766	Oc	349	687	657	23	1,042,528	
45	Carbon paper	8	191	6	17	24	25	119	Je	128	De	109	109	86	20	340,150	
46	Ribbons and all other	10	210	6	13	21	5	165	My	170	De	159	161	63	94	369,585	
47	Umbrellas and canes	137	2,051	162	76	182	74	1,557	Mh	1,709	No	1,396	1,596	784	779	2,453,220	
48	Varnishes	38	1,243	24	104	365	99	651	Je	690	Au	624	642	609	26	6,952,301	
49	Watch and clock materials	5	13	4	1	1		7	(*)	(*)		7	7	7		16,573	
50	Window and door screens and weather strips	7	124	6	5	18	7	88	Je	126	Fe	64	77	72	2	185,764	
51	Window shades and fixtures	94	781	95	26	92	21	547	Oc	605	Jy	469	586	460	119	1,556,025	
52	Wirework, including wire rope and cable, not elsewhere specified	66	1,124	68	64	60	28	904	Oc	973	Ap	865	909	817	81	1,910,801	
53	Wood carpet	6	192	4	6	12	4	166	Oc	212	Fe	120	138	138		147,014	
54	Wood, turned and carved	32	395	38	11	9	3	284	Oc	311	Ja	258	293	288	3	230,731	
55	Wooden goods, not elsewhere specified	23	172	23	11	15	8	115	Je	135	No	89	104	74	23	207,695	
56	All other industries*	654	35,655	564	879	3,025	1,247	29,940					29,912	23,548	6,206	174,206,204	

* All other industries embrace—	Canning and preserving, fruits and vegetables	4	Engines, steam, gas, and water	4	not from the ore	12
Aeroplanes and parts	1	Felt goods	1	Hat and cap materials	54	
Aluminum ware	2	Cardboard, not made in paper mills	2	Hats, wool-felt	5	
Artists' materials	3	Cash registers	3	Horseshoes, not made in steel works or rolling mills	2	
Asbestos products, not including steam packing	3	Cloth, sponging and refinishing	22	Iron and steel, steel works and rolling mills	2	
Baking powders and yeast	14	Clothing, horse	5	Iron and steel, bolts, nuts, washers, and rivets	3	
Belting and hose, rubber	1	Cordage and twine	4	Iron and steel forgings	7	
Belting and hose, woven	2	Cork, cutting	29	Iron and steel, nails and spikes, cut and wrought, including wire nails	4	
Billiard tables and materials	15	Cotton lace	5	Iron and steel, wrought pipe	2	
Bone, carbon, and lamp black	1	Dairymen's, poultrymen's, and apairists' supplies	2			
Boots and shoes, rubber	1	Drug grinding	10			
Butter, reworking	1	Emery and other abrasive wheels	2			

* Owned power only.

* Includes rented power, other than electric.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.			
								Maximum month.	Minimum month.							

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

BROOKLYN BOROUGH—Contd.																			
1	Hats, fur-felt.....	9	781	7	7	37	12	718	Ja	803	Se	636	727	437	285	3	2	\$3,163,301	
2	Hosiery and knit goods.....	193	6,150	235	83	173	143	5,516	Au	5,893	De	4,772	5,590	1,475	4,014	8	93	10,061,832	
3	House-furnishing goods, not elsewhere specified.....	16	269	14	11	22	6	216	Mh	253	Jy	175	202	103	96	.....	3	554,327
4	Ice, manufactured.....	15	314	4	21	9	1	279	Je	361	Ja	214	292	292	.....	.....	.....	2,612,317
5	Ink, printing.....	9	373	4	20	119	26	204	De	210	Ja	200	209	204	5	.....	.....	1,735,941
6	Instruments, professional and scientific.....	23	955	27	33	147	31	717	Oc	1,063	Ja	481	933	775	123	29	6	1,639,627	
7	Ivory, shell, and bone work, not including combs and hairpins.....	6	92	5	2	5	8	72	My	85	No	51	67	51	16	.....	.....	76,899
8	Jewelry.....	21	459	29	12	55	30	333	Fe	364	De	301	334	298	41	.....	.....	1,540,830
9	Leather goods, not elsewhere specified.....	18	479	24	3	32	14	406	Oc	436	Je	387	412	241	145	16	10	685,555	
10	Leather, tanned, curried, and finished.....	8	450	6	19	79	15	331	Fe	403	Se	251	345	324	21	.....	.....	1,857,801
11	Liquors, malt.....	23	2,558	3	109	270	24	2,152	Au	2,222	Fe	2,095	2,158	2,152	6	.....	.....	31,321,969
12	Looking-glass and picture frames.....	21	132	23	2	8	4	95	Oc	104	Au	87	95	70	24	.....	1	195,416
13	Lumber, planing-mill products, not including planing mills connected with sawmills.....	65	2,518	50	98	174	27	2,169	Se	2,360	De	1,965	2,029	2,029	.....	.....	5,205,648	
14	Marble and stone work.....	69	872	76	60	47	8	681	Je	781	Fe	560	722	721	.....	1	.....	1,735,911
15	Mattresses and spring beds.....	43	842	54	26	28	15	719	No	771	Au	659	757	456	281	19	1	810,493	
16	Millinery and lace goods.....	82	2,060	101	50	52	47	1,810	Mh	1,978	Jy	1,619	1,896	412	1,454	.....	30	2,031,240
17	Mineral and soda waters.....	71	384	80	23	10	3	265	Jy	313	Fe	238	255	255	.....	.....	.....	482,164
18	Mirrors, framed and unframed.....	11	256	11	11	14	11	209	Ja	223	Au ³	193	222	212	10	.....	.....	284,966
19	Musical instruments and materials, not specified.....	8	83	6	5	7	3	62	Mh	66	Jy ³	57	63	62	.....	1	.....	200,280
20	Musical instruments, pianos.....	3	189	1	6	11	3	168	Mh	213	Jy	125	168	168	.....	.....	.....	531,353
21	Oil, not elsewhere specified.....	8	90	2	13	17	6	52	Mh ³	54	Oc ³	50	51	45	6	.....	.....	285,440
22	Paints.....	48	2,177	44	122	402	109	1,500	My	1,583	Ja	1,422	1,442	1,252	190	.....	.....	11,376,987
23	Paper goods, not elsewhere specified.....	19	1,253	9	41	117	53	1,033	My	1,091	De	992	1,442	993	529	448	1	15	2,061,717
24	Patent medicines and compounds.....	52	776	29	74	159	65	449	Fe	492	Au	389	489	264	221	.....	4	2,787,757
25	Perfumery and cosmetics.....	18	179	11	13	27	24	104	Fe	115	De	92	97	63	34	.....	.....	293,828
26	Pickles, preserves, and sauces.....	14	731	8	29	36	13	645	Oc	850	Fe	445	709	395	313	1	.....	1,217,007
27	Plated ware.....	7	429	7	7	37	13	365	No	472	Jy	207	361	325	36	.....	.....	723,650
28	Printing and publishing, book and job.....	259	3,129	272	92	184	108	2,473	Ja	2,511	Ap	2,445	2,438	1,732	680	26	.....	6,083,140
29	Printing and publishing, newspapers and periodicals.....	51	2,123	26	98	623	204	1,172	.....	.....	.....	.....	1,244	1,044	199	1	.....	4,327,391
30	Printing and publishing.....	6	646	1	24	192	31	398	Je	492	Ap ³	327	460	357	103	.....	.....	1,019,417
31	Printing, publishing, and job printing.....	18	1,124	4	48	308	56	708	De	721	Fe	687	721	664	56	1	.....	2,972,734
32	Publishing without printing.....	27	353	21	26	123	117	66	My	76	Au	53	63	23	40	.....	.....	335,240
33	Pumps, steam and other power.....	5	181	1	11	19	2	148	Ja	160	De	140	141	141	.....	.....	.....	408,872
34	Refrigerators.....	6	233	3	8	15	2	205	My	229	Au	106	208	208	.....	.....	.....	614,685
35	Rubber goods, not elsewhere specified.....	9	476	2	23	19	3	429	No	485	Ja	356	469	242	227	.....	.....	683,574
36	Saddlery and harness.....	29	63	28	.....	4	1	30	Au ³	32	De	27	28	28	.....	.....	.....	84,637
37	Sausage, not made in slaughtering and meat-packing establishments.....	23	104	24	.....	14	.....	66	.....	.....	.....	.....	64	64	.....	.....	.....	69,739
38	Canned.....	5	18	5	.....	.....	.....	13	Au	15	Ja ³	12	13	13	.....	.....	.....	8,710
39	All other.....	18	86	19	.....	14	.....	53	Je ³	56	Oc	50	51	51	.....	.....	.....	61,029
40	Shirts.....	35	3,174	58	18	71	29	2,998	Fe	3,410	Se	2,306	3,145	814	2,246	2	83	2,197,233	
41	Show cases.....	7	161	6	8	7	2	138	Je	146	De	128	128	127	1	.....	.....	133,910
42	Signs and advertising novelties.....	29	321	26	21	16	22	236	Je	258	De	223	238	194	35	9	.....	509,715
43	Silk goods, including throwsters.....	17	1,425	15	34	86	34	1,256	No	1,370	Au	1,113	1,352	417	889	24	22	2,454,595	
44	Slaughtering and meat-packing.....	40	905	51	23	117	20	694	De	719	Ap	674	715	699	15	1	.....	3,339,092
45	Soap.....	17	1,008	12	39	194	266	497	Au	546	Fe	454	525	497	28	.....	.....	3,418,665
46	Sporting and athletic goods.....	10	616	10	9	18	11	568	No	659	Jy	513	573	352	217	4	.....	813,123
47	Stamped and enameled ware, not elsewhere specified.....	18	1,386	6	49	85	26	1,220	Ap	1,284	De	1,090	1,095	764	326	.....	5	2,336,453
48	Stationery goods, not elsewhere specified.....	5	370	1	14	26	14	315	Ja	359	Au	268	275	88	173	4	10	530,479	
49	Steam packing.....	8	269	4	11	28	13	213	Ja	411	De	69	311	289	21	1	.....	776,941
50	Stoves, gas and oil.....	6	88	5	4	15	10	54	No	68	Jy	43	68	68	.....	.....	.....	119,997
51	Structural ironwork, not made in steel works or rolling mills.....	94	1,983	78	107	150	28	1,620	Je	1,707	De	1,442	1,519	1,518	1	.....	.....	3,708,001
52	Surgical appliances.....	14	135	12	8	12	13	90	Se ³	96	Ja	81	90	28	60	.....	2	85,804
53	Tin foil.....	3	8	3	.....	.....	.....	5	(⁴)	5	(⁴)	5	5	2	.....	.....	.....	6,200
54	Tinware, not elsewhere specified.....	15	1,748	5	37	91	28	1,587	Mh	1,641	My	1,510	1,531	1,135	383	12	1	6,828,639	
55	Tobacco, cigars and cigarettes.....	459	3,052	478	32	217	46	2,279	Je	2,511	De	1,995	2,018	1,005	984	2	27	8,350,336	
56	Toys, not elsewhere specified.....	14	79	17	2	.....	.....	60	Ja ³	65	Oc	53	53	48	8	.....	.....	133,030
57	Trunks and valises.....	13	74	17	.....	4	.....	53	Au	57	De ³	47	55	47	.....	.....	.....	45,313
58	Umbrellas and canes.....	14	317	15	22	24	12	244	De	292	Ja	209	286	77	209	.....	.....	650,636

¹ Owned power only.

² Includes rented power, other than electric.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.							Minimum month.

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

1	BRONX BOROUGH.—All industries.	1,271	23,729	1,167	797	1,731	647	19,387	Mh	19,885	De	13,577	19,108	14,496	4,297	127	188	\$65,245,498
2	Artificial stone products.....	4	74	2	4	9	1	58	Fe	83	Se	39	62	62				383,476
3	Automobile repairing.....	36	92	29	6		1	56	My	65	De	47	56	56				47,086
4	Awnings, tents, and sails.....	17	142	21	7	3	1	110	Jy	170	Ja	77	115	91	20		4	213,390
5	Brass, bronze, and copper products...	6	30	6	3		1	20	No	29	Ja	8	25	25				60,712
6	Bread and other bakery products.....	267	2,042	279	19	258	29	1,457	De	1,528	Fe	1,416	1,550	1,431	108	11		3,439,335
7	Carriages and sleds, children's.....	5	34	2	4		1	27	No ^s	42	Jy ^s	18	42	42				18,300
8	Carriages, wagons, and repairs.....	26	133	34		1		98	Je	108	De	88	89	89				205,118
9	Cars and general shop construction and repairs by steam-railroad companies.	5	525		14	43	2	466	Au ^s	487	Ja	411	486	486				904,301
10	Clothing, men's, including shirts.....	18	1,891	20	31	171	151	1,518	Ja	1,731	Au	1,207	1,616	463	1,149		4	2,715,332
11	Clothing, women's.....	16	260	16	11	5	4	224	No	280	Jy	163	241	52	178		11	114,285
12	Coffee and spice, roasting and grinding.	6	12	6		1		5	(*)	(*)		5	5	5				9,930
13	Confectionery and ice cream.....	29	142	34	5		4	99					118	61	53		4	138,856
14	Confectionery.....	14	103	17	4		4	78	No	107	Ap	58	96	43	49		4	59,889
15	Ice cream.....	15	39	17	1			21	Jy ^s	27	Ja ^s	17	22	18	4			78,967
16	Copper, tin, and sheet-iron work.....	37	454	29	31	24	10	360	Oc	429	Fe	259	378	374	2	2		507,098
17	Dyeing and finishing textiles.....	4	613	2	23	8	22	558	Oc	616	De	511	510	428	80	1	1	852,003
18	Electrical machinery, apparatus, and supplies.	4	352		12	63	23	254	Mh	292	De	202	202	196	6			756,541
19	Foundry and machine-shop products	26	920	19	35	125	19	722	Je	789	No	624	679	634	20	25		3,142,730
20	Fur goods.....	4	9	5				4	Se ^s	5	Fe ^s	3	5	5				6,503
21	Furniture.....	17	255	17	14	13	2	209	Se	223	Fe	196	213	213				522,914
22	Glass, cutting, staining, and ornamenting.	7	67	8	2	1	2	54	Jy	58	Fe	50	56	41	15			93,275
23	Hosiery and knit goods.....	14	379	10	19	9	22	319	Oc	378	Ja	229	364	107	252		5	341,104
24	House-furnishing goods, not elsewhere specified.	4	29	2	3		2	22	Je	37	No	12	18	4	14			25,327
25	Ice, manufactured.....	4	114		6	9		99	Jy	131	Ja	74	85	85				320,104
26	Liquors, malt.....	4	421		17	50		354	Se ^s	360	Mh	345	356	355	1			5,694,444
27	Looking-glass and picture frames.....	6	19	6	3			10	Je ^s	11	Ja ^s	9	10	4	6			13,056
28	Lumber, planing-mill products, not including planing mills connected with sawmills.	24	518	10	32	40	7	429	Au	494	Ja	356	429	428	1			1,358,868
29	Marble and stone work.....	54	1,450	54	65	81	14	1,236	Jy	1,540	De	926	911	910	1			2,708,590
30	Millinery and lace goods.....	55	2,061	51	29	159	77	1,745	Fe	2,070	Jy	1,528	1,588	407	1,052	23	106	3,334,531
31	Mineral and soda waters.....	16	85	15	8	2		60	Jy ^s	67	De	56	58	56	2			133,332
32	Musical instruments, pianos and organs.	39	2,432	17	94	115	55	2,151	Ja	2,333	Jy	1,875	2,254	2,209	37	8		7,388,824
33	Musical instruments, piano and organ materials.	10	531	1	22	14	10	484	Ap	526	Jy	355	512	436	34	39	3	908,924
34	Printing and publishing, book and job.	39	164	40	6	8	6	104	No	117	Jy	94	115	110	5			135,729
35	Printing and publishing, newspapers and periodicals.	20	258	8	11	29	25	185	No ^s	188	Je ^s	180	189	184	5			403,091
36	Refrigerators.....	4	254		12	20	4	218	Ja	270	Au	92	183	183				421,078
37	Saddlery and harness.....	9	16	9		1		6	No ^s	8	Ap ^s	5	8	8				10,495
38	Sausage, not made in slaughtering and meat-packing establishments.	5	14	8				6	Fe ^s	7	Ap ^s	5	7	7				24,675
39	Shipbuilding, including boat building.	15	557	14	81	20	6	486	My	642	Se	297	399	398	1			1,598,441
40	Signs and advertising novelties.....	8	25	8			1	16	Au ^s	17	De ^s	15	16	16				15,680
41	Slaughtering and meat packing.....	5	41	6	2	1	3	29	(*)	29	(*)	29	29	29				98,363
42	Structural ironwork, not made in steel works or rolling mills.	42	786	30	65	42	5	644	Au ^s	760	Mh	495	682	682				869,931
43	Tobacco, cigars and cigarettes.....	184	340	137	2	1	1	149					163	138	25			191,298
44	Cigars.....	178	332	180	2	1	1	148	No	154	Au	140	162	138	24			187,792
45	Cigars and cigarettes.....	6	8	7				1	(*)	1	(*)	1	1	1				3,506
46	All other industries*.....	176	5,188	162	149	405	136	4,336					4,284	2,986	1,230	18	50	25,098,128

*All other industries embrace—	Boxes, fancy and paper.....	4	Dental goods.....	4	Gas and electric fixtures.....	5
Artists' materials.....	Brooms.....	1	Druggists' preparations.....	1	Gas, illuminating and heating.....	3
Automobile bodies and parts.....	Brushes.....	1	Electroplating.....	2	Gloves and mittens, leather.....	2
Automobiles.....	Candles.....	1	Engraving and diesinking.....	1	Hardware.....	3
Bags, other than paper.....	Carpets and rugs, other than rag.....	2	Engraving, steel and copper plate, including plateprinting.....	3	Ink, printing.....	1
Bags, paper, not including bags made in paper mills.....	Cleansing and polishing preparations.....	1	Fancy articles, not elsewhere specified.....	5	Instruments, professional and scientific.....	4
Baskets, and rattan and willow ware.....	Cooperage.....	2	Feathers and plumes.....	5	Iron and steel, steel works and rolling mills.....	1
Bookbinding and blank-book making.....	Cordials and flavoringsirups.....	2	Flavoring extracts.....	1	Iron and steel, doors and shutters.....	1
Books and shoes, not including rubber boots and shoes.....	Cotton lace.....	2	Food preparations, not elsewhere specified.....	1	Jewelry.....	1
Boxes, cigar.....	Cotton small wares.....	1	Furnishing goods, men's.....	1	Lamps and reflectors.....	2
	Cutlery and edge tools.....	1				

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.							Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.			Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

\$2,169,954	\$2,087,331	\$12,636,587	\$1,261,707	\$1,152,393	\$1,029,648	\$26,318,488	\$1,668,539	\$58,708,792	\$30,721,765	31,695	23,238	2,379	30	6,048	7,657	1
16,448	9,436	39,996	1,337	4,325	2,533	104,114	4,713	210,279	101,452	81	80			1		2
5,250	500	50,307		14,950	226	30,950	2,679	153,869	120,210	150		25		125		3
12,575	4,209	72,852	1,560	9,102	513	144,842	1,468	320,201	173,891	24				24		4
3,280	468	17,942		4,895	118	31,786	2,424	79,171	44,961	33						5
48,737	247,894	1,137,250	10,421	171,697	24,990	3,771,555	136,068	6,976,816	3,069,163	1,197	775			422	495	6
3,950	290	13,540		5,070	30	21,610	205	55,625	33,810							7
	636	78,420	2,381	10,520	2,586	66,191	5,088	216,182	144,908	131	45	20		66		8
22,009	50,258	348,936			13,094	481,730		925,501	432,217	1,704	1,300			404	619	9
99,403	175,349	545,156	350,380	29,120	5,120	2,000,298	18,647	3,710,876	1,691,991	642	500	52		90	126	10
14,050	4,111	91,369	2,266	10,242	47	205,428	2,923	425,504	217,153	49				49		11
	812	2,740		3,120		30,964	1,272	48,546	10,310	13				13		12
6,449	1,830	54,048		18,010	397	178,587	5,196	341,034	157,251	101		22		79		13
5,449	1,830	39,674		6,250	242	101,835	2,619	207,558	103,104	44				37		14
1,000		14,374		11,760	155	76,752	2,577	133,476	54,147	57		15		42		15
63,500	32,581	344,820	23,226	29,990	2,516	628,923	6,573	1,379,661	744,165	155				155		16
83,836	22,857	267,280		4,200	9,537	242,961	53,968	992,164	695,235	1,179	1,160			19	40	17
39,208	97,250	162,038	1,680	3,800	4,634	201,918	16,817	626,678	407,043	221		50		171	40	18
91,104	148,526	607,686	1,759	19,534	14,473	1,022,787	12,341	2,328,473	1,293,345	1,114	125	824		165	200	19
		1,410		7,694		256		11,349		5				5		20
30,372	16,614	174,548	2,944	18,751	2,721	325,380	4,501	655,892	326,011	275	245			30		21
4,100	2,024	38,073	1,900	3,741	162	26,478	1,255	122,199	94,466	22	5			17		22
31,845	25,337	146,600	5,788	17,934	1,226	361,000	4,439	698,377	332,938	232	175			57		23
2,256	881	9,579	871	2,095	10	18,646	495	23,979	4,838	12				12		24
12,578	11,325	80,924		9,889	11,263	69,292	92,800	404,958	242,866	3,578	3,578				324	25
94,732	81,319	356,067		10,000	657,541	988,308	99,493	3,028,158	1,940,357	3,445	3,110	320		15	581	26
3,280		4,733		2,442	19	21,078	79	39,520	18,363	1				1		27
59,952	50,928	339,769	8,669	25,078	6,310	863,837	14,632	1,572,353	693,884	2,071	1,740	87		244	1,030	28
180,404	124,944	1,298,812	290,436	58,108	12,556	1,107,005	47,087	3,492,524	2,338,432	3,091	1,835	283		973	1,222	29
91,238	170,936	834,774	129,151	80,523	7,792	1,666,157	28,585	3,738,038	2,043,296	479	208			271	65	30
9,024	1,500	37,960		9,470	616	74,253	3,164	177,664	100,247	54	10	16		28		31
273,566	165,880	1,402,617	1,753	190,594	17,733	3,917,197	43,327	6,640,409	2,679,885	1,877	1,475	10	30	362	1,004	32
94,455	23,773	247,434		44,592	2,617	504,053	10,300	995,080	480,727	372	250	12		110	100	33
13,488	5,347	69,537	1,100	14,267	184	63,862	3,064	244,633	177,707	70		18		52		34
18,125	33,248	167,087	23,947	14,075	4,830	120,393	10,715	462,739	331,681	246		5		241		35
38,496	11,016	132,035	10,196	12,480	5,240	253,902	2,276	486,961	230,783	270	250	20				36
	468	3,475		2,593		10,628	214	25,950	15,108	2		1		1		37
		4,482		1,579	284	53,645	1,156	72,940	18,139	55		27		28		38
73,091	27,722	355,684	3,900	7,131	13,681	429,028	20,706	1,059,773	610,039	847	309	44		494	10	39
	780	12,768		4,532		15,395	188	46,718	31,135							40
3,580	3,172	24,171		7,900	291	700,768	3,925	852,307	147,614	106	50			56		41
109,302	42,961	476,364	144,888	31,501	5,309	605,434	15,752	1,611,385	990,199	593	63	235		295		42
1,833	1,361	80,292		32,973	33,918	168,292	2,617	442,448	271,539	2				2		43
1,833	1,361	79,892		32,268	33,089	165,125	2,599	433,583	265,839	2				2		44
		400		710	829	1,167	18	8,855	6,700							45
514,408	489,018	2,516,699	236,054	210,250	164,531	4,782,059	975,582	13,003,858	7,249,217	7,196	5,950	275		971	1,801	46

Leather goods, not elsewhere specified.	4	Patent medicines and compounds	5	Silk goods, including throwsters	5	Varnishes	1
Lithographing	2	Paving materials	2	Silversmithing and silverware	2	Vault lights and ventilators	2
Mattresses and spring beds	4	Perfumery and cosmetics	4	Smelting and refining, not from the ore	1	Vinegar and cider	1
Mirrors, framed and unframed	2	Photographic apparatus	1	Statuary and art goods	3	Wheelbarrows	1
Models and patterns, not including paper patterns	2	Pickles, preserves, and sauces	2	Steam fittings and steam and hot-water heating apparatus	1	Window shades and fixtures	13
Motorcycles, bicycles, and parts	1	Pocketbooks	2	Steam packing	1	Wirework	2
Mucilage and paste	2	Printing and publishing, music	1	Surgical appliances	1	Wood carpet	1
Musical instruments and materials, not specified	2	Regalia and society badges and emblems	2	Trunks and valises	3	Wood preserving	1
Paints	3	Roofing materials	1	Umbrellas and canes	2	Wood, turned and carved	3
Paper goods, not elsewhere specified	2	Rubber goods, not elsewhere specified	1			Wooden goods, not elsewhere specified	1

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Average number.	Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.		Number, 15th day of—			Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.							
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																
1	BROOKLYN BOROUGH—All industries.	6,096	166,740	6,267	4,310	11,409	3,873	140,881	Mh 144,594	De 135,897	143,732	100,320	42,102	479	831	\$448,757,380
2	Artificial stone products.	4	33	2	3	3	2	23	My ^a 25	Fe ^a 20	24	24			122,618	
3	Automobile bodies and parts.	27	487	20	19	28	14	406	Se 480	No 371	385	355	30		782,380	
4	Automobile repairing.	233	957	197	35	15	13	697	My 754	Ja 634	687	687			682,392	
5	Awnings, tents, and sails.	35	137	38	6	3		90	Je 148	Ja 56	94	70	18		143,414	
6	Bookbinding and blank-book making	22	1,239	21	23	179	46	970	Ja 1,025	Se 901	981	441	526	6	8	2,693,109
7	Boot and shoe findings.	18	589	20	19	15	11	524	De 688	Se 385	473	256	175	40	2	413,028
8	Boots and shoes, not including rubber boots and shoes.	72	7,317	62	157	204	178	6,716	Je 7,084	No 6,189	6,534	4,822	1,675	15	22	8,639,879
9	Boxes, cigar.	4	28	4	1	1	1	21	(*) 21	(*) 21	21	6	15		7,848	
10	Boxes, fancy and paper.	46	4,759	29	113	287	92	4,233	Ap 4,442	De 3,967	4,009	2,128	1,736	21	124	9,049,298
11	Brass, bronze, and copper products.	49	2,499	43	69	168	68	2,151	My 2,466	Se 1,954	2,183	1,821	353	4	5	4,838,060
12	Bread and other bakery products.	874	6,223	913	36	370	181	4,673	De 4,868	Fe 4,563	4,889	4,433	436	17	3	8,180,748
13	Brick and tile, terra-cotta, and fire-clay products.	3	58	2	6	3	2	45	My 52	Mh 37	40	40			70,839	
14	Brushes.	22	390	25	13	24	9	319	Mh 353	Jy 290	344	213	123	3	5	714,950
15	Buttons.	11	131	12	1	2	2	114	Se 135	My 90	123	63	69	1		120,130
16	Canning and preserving, fish.	8	68	4	6	4		54	De 60	My ^a 50	60	59		1		118,310
17	Carpets, rag.	5	35	5	2	4		24	No 35	Fe 15	28	25	3			6,463
18	Carriage and wagon materials.	3	11	3	4	1		3	(*) 3	(*) 3	3	3			11,484	
19	Carriages and sleds, children's.	10	127	8	4	2	2	111	Ap 124	Ja 103	108	103	3	2		105,233
20	Carriages, wagons, and repairs.	90	651	116	18	18	4	495			448	446		2		951,048
21	Carriages and wagons.	77	595	94	18	15	4	464	Je 546	De 403	413	411		2		893,332
22	Repair work.	13	56	22	3	3		31	Ap 38	Fe 25	35	35				57,116
23	Chemicals.	18	1,020	6	44	101	22	847	No 869	Ja 821	858	812	46			6,976,885
24	Chocolate and cocoa products.	5	365	1	13	51	9	291	Oc 377	Je 240	353	298	54	1		1,912,213
25	Clocks and watchcases.	5	1,392		45	78	20	1,249	Mh 1,461	No 1,091	1,372	930	442			3,270,686
26	Clothing, men's.	488	13,374	719	76	178	86	12,315			13,969	8,938	4,903	10	58	4,615,676
27	Regular factories.	68	2,247	96	44	163	66	1,878			1,899	1,263	622	5	9	3,312,362
28	Men's and youths'.	52	1,621	72	31	121	58	1,339	My 1,503	No 1,144	1,366	937	421	3	5	2,588,036
29	Boys' and all other.	16	626	24	13	42	8	539	Ja 616	No 447	533	326	201	2	4	723,726
30	Contract work.	420	11,127	623	32	15	20	10,437			12,070	7,675	4,341	5	49	1,303,314
31	Men's and youths'.	346	8,798	517	21	10	12	8,238	Ja 8,647	My 7,748	9,465	6,039	3,393	5	28	977,904
32	Boys' and all other.	74	2,329	106	11	5	8	2,199	Ja 2,437	No 1,964	2,605	1,636	948		21	325,350
33	Clothing, men's, buttonholes.	30	179	37	3			139	Oc 148	De 130	141	88	49	1	3	65,620
34	Clothing, women's.	425	9,726	601	107	171	153	8,694			10,100	3,380	6,676	11	33	3,665,107
35	Regular factories.	165	4,524	218	86	168	149	3,903			4,143	999	3,112	1	31	3,145,206
36	Suits, skirts, and cloaks.	59	790	68	18	36	24	644	Mh 759	Jy 510	690	372	318			524,757
37	Shirt waists and dresses, except house dresses.	48	1,637	74	24	38	31	1,470	Mh 1,942	Jy 893	1,642	332	1,308		2	1,021,616
38	Undergarments and petticoats.	23	975	26	33	44	35	837	My 918	Au 734	800	75	710		15	951,102
39	Wrappers, house dresses, and all other.	35	1,122	50	11	50	59	952	Ap 1,105	Jy 860	1,011	220	776	1	14	647,772
40	Contract work.	260	5,202	383	21	3	4	4,791	Mh 5,510	Jy 3,980	5,957	2,381	3,564	10	2	519,901
41	Coffee and spice, roasting and grinding	19	771	15	34	122	34	566	Je 609	Ja 521	552	347	205			3,830,327
42	Confectionery and ice cream.	68	3,115	54	86	270	64	2,641			2,755	1,223	1,457	8	67	3,564,311
43	Confectionery and chewing gum.	55	2,777	47	60	253	60	2,357	Oc 2,754	Je 2,123	2,428	913	1,440	8	67	3,295,326
44	Ice cream.	13	338	7	26	17	4	284	Jy 335	Fe ^a 231	327	310	17			265,985
45	Cooperage.	16	1,045	15	10	14	5	1,001	Je 1,135	No 813	824	824				3,274,146
46	Copper, tin, and sheet-iron work.	123	1,308	136	67	58	25	1,022	Mh 1,076	De 950	981	958	20	3		1,797,540
47	Cork, cutting.	17	1,021	6	29	24	15	947	Se 1,007	Ja 889	991	508	486		2	1,325,822
48	Drug grinding.	5	375	4	11	29	9	322	Je ^a 332	De 286	286	120	143		23	789,048
49	Dyeing and finishing textiles.	10	455	9	14	91	14	357	Mh 465	Au 285	390	250	140			1,077,915
50	Electrical machinery, apparatus, and supplies.	30	1,213	12	54	153	33	961	No 1,046	Mh ^a 921	1,062	929	131		2	2,642,611
51	Fancy articles, not elsewhere specified	36	737	35	27	42	24	609	Oc 675	De 569	623	381	215		27	782,159
52	Food preparations, not elsewhere specified.	79	1,122	76	45	106	41	854	Jy 893	No 795	879	605	271		3	1,691,014
53	Foundry and machine-shop products	203	10,155	160	310	860	249	8,576	Fe 9,104	Se. 7,900	8,534	8,214	311	9		37,783,472
54	Fur goods.	27	93	27	2	9	2	53	De ^a 82	Ap 28	81	47	33	1		145,231
55	Furniture.	102	3,606	109	116	183	61	3,137			3,022	2,984	31	7		3,557,446
56	Wood, other than rattan and willow.	44	1,586	47	45	61	25	1,408	Ja 1,510	Oc 1,339	1,397	1,371	19	7		1,627,631
57	Metals.	21	1,388	23	35	84	29	1,215	Oc 1,469	De 1,093	1,086	1,074	12			1,114,342
58	Store and office fixtures.	37	634	39	36	38	7	514	Je 534	Oc 480	539	539				815,473
59	Furs, dressed.	27	941	31	30	34	5	841	My 957	Fe 679	838	745	93			1,327,649
60	Gas and electric fixtures.	24	672	20	30	56	16	550	No 626	Jy 491	592	559	28	4	1	606,207
61	Glass.	4	463	3	13	24	6	417	De 477	Au 228	477	415	26	30	6	513,357
62	Glass, cutting, staining, and ornamenting.	44	664	55	18	25	18	548	Ja 696	Oc 273	606	575	31			573,270
63	Grease and tallow, not including lubricating greases.	5	510	5	9	20		476	Je 544	No 397	436	433	3			657,812
64	Hardware.	17	684	10	27	21	18	608	Ja 680	Se 548	585	482	102	1		1,014,500

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Primary horsepower.								
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.	Total.	Steam engines. ¹			Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.	

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

\$12,752,686	\$15,169,298	\$81,910,055	\$4,550,372	\$5,674,494	\$14,029,502	\$287,610,620	\$10,658,098	\$515,302,755	\$217,034,037	197,571	130,538	12,371	15	54,647	43,953	1
9,648	5,712	13,839	8,559	2,002	1,009	33,573	1,194	82,714	47,947	54	35	5		14		2
46,105	40,594	266,650	1,200	36,273	2,449	489,280	13,106	1,052,847	550,461	401	75	108		218		3
44,868	14,387	651,290		145,490	1,767	477,027	37,857	1,709,487	1,254,603	966				966		4
9,550	1,900	49,987	100	13,204	511	149,052	2,115	285,671	134,504	38				38		5
85,551	162,392	483,545	5,193	30,300	7,011	968,935	14,930	2,155,158	1,171,293	558	410	7		141		6
34,476	13,336	177,342	6,213	15,862	858	462,017	11,040	845,127	372,070	257		55		202		7
417,243	381,876	4,434,410	79,815	196,756	26,373	8,690,000	97,993	17,153,802	8,365,809	3,411	1,822	166		1,423	227	8
1,250	900	13,008		864	2	12,361	206	38,858	26,291	5				5		9
306,083	376,461	1,649,923	29,726	251,711	40,173	3,262,595	50,492	7,224,028	3,910,941	3,315	1,988	37		1,290		10
199,628	153,197	1,363,781	7,789	83,531	21,582	2,986,797	83,439	6,260,416	3,190,180	2,360	865	857		638	200	11
215,530	370,446	3,419,215	3,283	438,828	64,523	10,873,966	414,952	19,510,894	8,221,976	2,583	899	43		1,641	608	12
7,180	4,186	23,483	741	4,140	608	28,479	8,576	90,867	53,812	190	175			15		13
20,123	27,079	137,837	6,430	9,138	4,451	240,345	6,398	566,089	319,946	427	326	40		61	16	14
2,652	2,742	49,867		3,942	694	47,086	1,536	127,316	78,694	122	75	43		4		15
9,464	1,550	30,707		4,500	586	587,245	3,948	698,312	107,119	29		15		14		16
1,760	2,328	10,333		1,812		3,944	619	33,795	29,232	14		4		10		17
255	134	1,532		812	84	2,513	170	7,199	4,616			4				18
8,320	6,020	69,447	26,000	4,812	933	136,829	1,269	299,353	161,255	14				14		19
29,771	17,496	347,274	8,006	44,932	6,200	361,933	25,293	1,041,188	653,962	661	50	95		516		20
26,771	15,750	328,339	8,006	41,438	5,812	340,403	23,917	963,909	599,589	644	50	95		499		21
	1,716	15,985		3,494		21,530	1,376	77,279	54,373	17				17		22
178,338	175,920	560,180	721	41,738	41,764	8,648,174	189,840	10,803,371	1,765,717	2,474	2,126	36		312	71	23
43,314	77,906	152,506		35,210	7,992	2,058,537	33,010	2,859,379	767,832	1,444	1,325	40		179	545	24
132,220	74,324	590,209		10,560	14,118	982,457	26,205	2,742,520	1,733,858	993	530	16		447		25
219,011	289,889	5,859,815	501,985	228,905	17,067	3,310,641	132,439	12,296,551	8,853,471	2,098	66	305		1,727	14	26
146,215	269,799	1,062,318	316,807	52,777	9,743	2,976,494	24,582	5,557,128	2,556,052	532				525		27
114,915	212,792	830,746	169,051	33,413	8,362	2,096,112	17,793	4,021,579	1,907,674	452				452		28
31,300	57,007	147,756		19,364	1,381	880,382	6,789	1,535,649	648,378	81		8		73		29
72,796	20,090	4,797,497	185,188	176,128	7,324	334,147	107,857	6,739,423	6,297,419	1,565	66	297		1,202	14	30
50,836	11,741	3,369,969	168,954	134,822	6,425	112,799	87,924	5,205,569	5,004,846	1,195	16	215		964	14	31
22,260	8,349	927,528	10,234	41,296	899	223,348	19,933	1,292,573	370	370	50	82		238		32
2,946		60,107		6,441	631	7,715	2,814	108,317	97,788	62		34		28		33
217,356	280,424	3,798,167	331,830	274,408	6,541	5,133,286	99,533	12,124,280	6,891,461	1,728	163	78		1,487		34
191,838	277,372	1,849,132	326,000	189,066	5,991	5,038,275	51,556	9,425,338	4,335,497	843	163	26		654		35
29,999	31,781	362,097	82,868	50,350	1,173	738,656	13,337	1,632,494	880,501	152		6		146		36
57,184	58,613	627,706	155,193	47,560	2,516	1,787,798	19,528	3,274,657	1,467,331	249				249		37
83,766	73,514	358,741	56,049	33,136	1,055	1,100,288	8,639	2,098,609	899,682	146		20		126		38
20,889	113,464	500,588	31,890	38,020	647	1,321,533	10,062	2,419,578	1,087,983	296	163			133		39
25,518	3,052	1,949,035	5,830	105,432	1,150	95,011	47,967	2,698,942	2,555,964	885		52		833		40
108,691	193,500	341,363	462	89,869	19,847	12,558,701	54,589	14,208,112	1,594,822	2,018	900	72		1,046	928	41
233,969	238,429	1,146,056		121,733	47,202	4,055,801	81,926	9,376,734	4,059,007	2,373	1,438	149		791	478	42
196,159	221,204	881,616		105,093	40,666	4,398,637	65,989	8,168,992	3,701,306	2,081	1,328	130		623	478	43
37,810	17,225	264,440		16,640	6,536	657,164	12,937	1,207,742	537,641	297	110	19		168		44
56,618	23,815	584,735		16,488	26,885	1,976,554	40,715	2,941,542	924,270	1,649	1,615	13		21	250	45
163,556	63,494	885,007	23,419	72,198	7,049	1,630,237	25,168	3,366,774	1,711,369	827	128	73		629		46
62,028	37,708	375,722		25,619	7,327	1,190,047	16,876	1,920,923	714,000	822	708	42		72	337	47
51,095	36,278	124,362		4,800	9,689	604,602	16,974	1,053,285	431,709	642	300			342	45	48
36,023	86,125	198,730		15,380	9,058	622,039	36,654	1,245,269	589,576	958	700	115		143		49
152,833	162,074	555,272	1,819	58,125	9,952	1,176,814	35,689	2,974,304	1,761,801	1,204	100	64		1,040	106	50
55,899	58,737	294,753	8,305	33,697	2,201	447,615	11,643	1,128,415	669,157	512	395	54		83		51
102,377	141,327	431,248	3,054	84,190	9,852	2,906,585	76,604	4,253,861	1,270,722	1,271	474	274		523	135	52
1,158,007	1,201,576	6,456,614	50,563	208,117	220,918	7,304,393	341,004	24,788,297	17,142,900	12,415	6,050	989		5,376	7,460	53
5,204	36,597	9,100		16,880	626	136,702	1,837	269,694	131,155	13				13		54
237,647	199,634	1,867,373	11,178	175,527	15,617	3,623,331	69,868	7,491,005	3,797,306	3,381	2,380	341		660	450	55
89,899	87,550	847,550	5,195	92,860	6,872	1,263,574	17,094	2,915,702	1,635,034	985	775	67		143		56
77,118	65,561	632,693	1,946	42,853	4,513	1,776,716	41,753	3,242,478	1,424,009	1,687	1,240	65		382	450	57
70,632	40,723	387,130	4,037	39,814	4,232	583,541	11,021	1,332,825	738,263	709	365	209		135		58
109,661	42,395	512,824	65,068	42,067	3,660	445,346	31,087	1,591,973	1,115,540	984	465	70		399		59
43,290	99,788	342,216	2,687	36,081	535	536,613	13,578	1,389,717	839,526	434	255	109		70	2	60
25,897	24,772	193,940		2,400	3,492	103,524	37,973	476,054	334,557	361	286			75	85	61
81,185	34,702	370,656	9,890	30,649	1,221	317,416	12,565	1,044,833	714,852	218	48	31		139		62
48,064	30,353	402,898	9,832	215,700	11,558	1,030,753	223,520	2,200,200	945,927	1,387	1,375	12			294	63
84,581	35,776	384,427	3,343	31,342	5,219	598,001	18,505	1,347,519	731,013	729	408	54		267		64

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.			
								Maximum month.	Minimum month.							

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

BROOKLYN BOROUGH—Contd.																		
1	Hats, fur-felt.....	9	781	7	7	37	12	718	Ja	803	Se	636	727	437	285	3	2	\$3,163,301
2	Hosiery and knit goods.....	193	6,150	235	83	173	143	5,516	Au	5,893	De	4,772	5,590	1,475	4,014	8	93	10,061,832
3	House-furnishing goods, not elsewhere specified.....	16	269	14	11	22	6	216	Mh	253	Jy	175	202	103	96	.....	3	554,327
4	Ice, manufactured.....	15	314	4	21	9	1	279	Je	361	Ja	214	292	292	.....	.....	.....	2,612,317
5	Ink, printing.....	9	373	4	20	119	26	204	De	210	Ja	200	209	204	5	.....	.....	1,735,941
6	Instruments, professional and scientific.....	23	955	27	33	147	31	717	Oc	1,063	Ja	481	933	775	123	29	6	1,639,627
7	Ivory, shell, and bone work, not including combs and hairpins.....	6	92	5	2	5	8	72	My	85	No	51	67	51	16	.....	.....	76,899
8	Jewelry.....	21	459	29	12	55	30	333	Fe	364	De	301	334	298	41	.....	.....	1,540,830
9	Leather goods, not elsewhere specified.....	18	479	24	3	32	14	406	Oc	436	Je	387	412	241	145	16	10	685,555
10	Leather, tanned, curried, and finished.....	8	450	6	19	79	15	331	Fe	403	Se	251	345	324	21	.....	.....	1,857,801
11	Liquors, malt.....	23	2,558	3	109	270	24	2,152	Au	2,222	Fe	2,095	2,158	2,152	6	.....	.....	31,321,969
12	Looking-glass and picture frames.....	21	132	23	2	8	4	95	Oc	104	Au	87	95	70	24	.....	1	195,416
13	Lumber, planing-mill products, not including planing mills connected with sawmills.....	65	2,518	50	98	174	27	2,169	Se	2,360	De	1,965	2,029	2,029	.....	.....	.....	5,205,648
14	Marble and stone work.....	69	872	76	60	47	8	681	Je	781	Fe	560	722	721	.....	1	.....	1,735,911
15	Mattresses and spring beds.....	43	842	54	26	28	15	719	No	771	Au	659	757	456	281	19	1	810,493
16	Millinery and lace goods.....	82	2,060	101	50	52	47	1,810	Mh	1,978	Jy	1,619	1,896	412	1,454	.....	30	2,031,240
17	Mineral and soda waters.....	71	384	80	23	10	3	265	Jy	313	Fe	238	255	255	.....	.....	.....	482,164
18	Mirrors, framed and unframed.....	11	256	11	11	14	11	209	Ja	223	Au ³	193	222	212	10	.....	.....	284,966
19	Musical instruments and materials, not specified.....	8	83	6	5	7	3	62	Mh	66	Jy ³	57	63	62	.....	1	.....	200,280
20	Musical instruments, pianos.....	3	189	1	6	11	3	168	Mh	213	Jy	125	168	168	.....	.....	.....	531,353
21	Oil, not elsewhere specified.....	8	90	2	13	17	6	52	Mh ³	54	Oc ³	50	51	45	6	.....	.....	285,440
22	Paints.....	48	2,177	44	122	402	109	1,500	My	1,583	Ja	1,422	1,442	1,252	190	.....	.....	11,376,987
23	Paper goods, not elsewhere specified.....	19	1,253	9	41	117	53	1,033	My	1,091	De	992	993	529	448	1	15	2,061,717
24	Patent medicines and compounds.....	52	776	29	74	159	65	449	Fe	492	Au	389	489	264	221	.....	4	2,787,757
25	Perfumery and cosmetics.....	18	179	11	13	27	24	104	Fe	115	De	92	97	63	34	.....	.....	293,828
26	Pickles, preserves, and sauces.....	14	731	8	29	36	13	645	Oc	850	Fe	445	709	395	313	1	.....	1,217,007
27	Plated ware.....	7	429	7	7	37	13	365	No	472	Jy	207	361	325	36	.....	.....	723,650
28	Printing and publishing, book and job.....	259	3,129	272	92	184	108	2,473	Ja	2,511	Ap	2,445	2,438	1,732	680	26	.....	6,083,140
29	Printing and publishing, newspapers and periodicals.....	51	2,123	26	98	623	204	1,172	.....	.....	.....	.....	1,244	1,044	199	1	.....	4,327,391
30	Printing and publishing.....	6	646	1	24	192	31	398	Je	492	Ap ³	327	460	357	103	.....	.....	1,019,417
31	Printing, publishing, and job printing.....	18	1,124	4	48	308	56	708	De	721	Fe	687	721	664	56	1	.....	2,972,734
32	Publishing without printing.....	27	353	21	26	123	117	66	My	76	Au	53	63	23	40	.....	.....	335,240
33	Pumps, steam and other power.....	5	181	1	11	19	2	148	Ja	160	De	140	141	141	.....	.....	.....	408,872
34	Refrigerators.....	6	233	3	8	15	2	205	My	229	Au	106	208	208	.....	.....	.....	614,685
35	Rubber goods, not elsewhere specified.....	9	476	2	23	19	3	429	No	485	Ja	356	469	242	227	.....	.....	683,574
36	Saddlery and harness.....	29	63	28	.....	4	1	30	Au ³	32	De	27	28	28	.....	.....	.....	84,637
37	Sausage, not made in slaughtering and meat-packing establishments.....	23	104	24	.....	14	.....	66	.....	.....	.....	.....	64	64	.....	.....	.....	69,739
38	Canned.....	5	18	5	.....	.....	.....	13	Au	15	Ja ³	12	13	13	.....	.....	.....	8,710
39	All other.....	18	86	19	.....	14	.....	53	Je ³	56	Oc	50	51	51	.....	.....	.....	61,029
40	Shirts.....	35	3,174	58	18	71	29	2,998	Fe	3,410	Se	2,306	3,145	814	2,246	2	83	2,197,233
41	Show cases.....	7	161	6	8	7	2	138	Je	146	De	128	128	127	1	.....	.....	133,910
42	Signs and advertising novelties.....	29	321	26	21	16	22	236	Je	258	De	223	238	194	35	9	.....	509,715
43	Silk goods, including throwsters.....	17	1,425	15	34	86	34	1,256	No	1,370	Au	1,113	1,352	417	889	24	22	2,454,595
44	Slaughtering and meat-packing.....	40	905	51	23	117	20	694	De	719	Ap	674	715	699	15	1	.....	3,339,092
45	Soap.....	17	1,008	12	39	194	266	497	Au	546	Fe	454	525	497	28	.....	.....	3,418,665
46	Sporting and athletic goods.....	10	616	10	9	18	11	568	No	659	Jy	513	573	352	217	4	.....	813,123
47	Stamped and enameled ware, not elsewhere specified.....	18	1,386	6	49	85	26	1,220	Ap	1,284	De	1,090	1,095	764	326	.....	5	2,336,453
48	Stationery goods, not elsewhere specified.....	5	370	1	14	26	14	315	Ja	359	Au	268	275	88	173	4	10	530,479
49	Steam packing.....	8	269	4	11	28	13	213	Ja	411	De	69	311	289	21	1	.....	776,941
50	Stoves, gas and oil.....	6	88	5	4	15	10	54	No	68	Jy	43	68	68	.....	.....	.....	119,997
51	Structural ironwork, not made in steel works or rolling mills.....	94	1,983	78	107	150	28	1,620	Je	1,707	De	1,442	1,519	1,518	1	.....	.....	3,708,001
52	Surgical appliances.....	14	135	12	8	12	13	90	Se ³	96	Ja	81	90	28	60	.....	2	85,804
53	Tin foil.....	3	8	3	.....	.....	.....	5	(⁴)	5	(⁴)	5	5	2	.....	.....	.....	6,200
54	Tinware, not elsewhere specified.....	15	1,748	5	37	91	28	1,587	Mh	1,641	My	1,510	1,531	1,135	383	12	1	6,828,639
55	Tobacco, cigars and cigarettes.....	459	3,052	478	32	217	46	2,279	Je	2,511	De	1,995	2,018	1,005	984	2	27	8,350,336
56	Toys, not elsewhere specified.....	14	79	17	2	.....	.....	60	Ja ³	65	Oc	53	53	48	8	.....	.....	133,030
57	Trunks and valises.....	13	74	17	.....	4	.....	53	Au	57	De ³	47	55	47	.....	.....	.....	45,313
58	Umbrellas and canes.....	14	317	15	22	24	12	244	De	292	Ja	209	286	77	209	.....	.....	650,636

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$30,004	\$45,543	\$442,669	.....	\$2,364	\$10,805	\$752,751	\$17,238	\$1,533,559	\$763,570	302	290	4	.....	8	50	1
257,574	319,343	2,385,478	\$920,011	127,981	32,528	5,996,808	71,166	12,738,899	6,670,865	2,107	1,225	153	.....	729	.....	2
34,419	25,632	114,646	5,278	14,929	401	472,207	5,722	753,813	275,884	164	.....	4	.....	160	.....	3
37,698	9,096	253,859	1,707	.....	34,704	98,393	284,743	1,031,524	648,388	8,658	8,658	.....	.....	.....	768	4
160,252	175,456	182,549	.....	27,980	7,032	1,355,531	27,955	2,825,127	1,441,641	1,260	967	100	.....	193	303	5
87,800	141,788	530,333	14,116	51,819	7,203	722,912	22,800	2,272,551	1,526,839	349	20	44	.....	285	.....	6
2,430	7,830	32,823	.....	3,286	.....	86,608	2,676	143,808	54,524	50	.....	12	.....	38	.....	7
20,553	73,944	229,297	2,360	12,475	489	1,584,073	5,786	2,151,554	561,695	196	.....	20	.....	176	.....	8
6,060	61,827	214,550	286	18,499	469	569,092	3,152	1,044,689	472,445	52	.....	3	.....	49	.....	9
75,526	85,352	195,125	384,979	20,641	6,383	1,712,130	15,643	2,603,033	875,260	709	620	14	.....	75	100	10
667,649	427,047	1,762,351	211,822	1,040	3,173,965	4,405,026	486,250	15,680,273	10,788,997	14,314	13,535	.....	.....	779	5,560	11
2,100	9,349	46,855	2,931	12,534	868	138,243	1,234	285,552	146,075	26	.....	5	.....	21	.....	12
201,411	211,687	1,385,597	22,449	64,572	32,620	3,524,063	45,797	6,201,876	2,632,016	5,592	4,170	715	.....	707	187	13
99,666	45,328	608,328	42,166	38,442	11,841	802,111	37,733	2,138,963	1,299,069	1,926	765	189	.....	972	510	14
69,742	36,647	437,422	200	51,691	1,982	1,157,890	9,848	2,009,761	842,023	296	100	10	.....	186	.....	15
111,098	65,698	837,590	88,600	87,014	3,424	1,683,903	30,225	3,361,307	1,647,179	679	165	55	.....	459	.....	16
27,690	9,876	171,073	1,400	30,057	2,511	279,981	12,776	460,714	291	102	33	102	.....	166	15	17
19,264	21,354	122,576	.....	10,197	840	285,741	6,089	558,654	266,824	280	150	113	.....	17	.....	18
12,860	9,711	36,568	70	5,764	1,961	70,956	1,136	283,351	211,259	50	30	10	.....	10	25	19
24,740	11,502	124,772	.....	23,346	2,936	298,402	4,438	538,943	236,103	152	131	20	.....	1	.....	20
31,370	17,955	29,313	5,379	10,496	661	575,004	5,235	734,996	154,157	112	65	.....	.....	47	.....	21
451,893	719,453	1,011,580	2,395	96,320	75,502	9,559,689	162,149	14,753,436	5,031,582	7,816	4,008	2,451	15	1,342	1,077	22
160,410	133,935	492,294	.....	83,671	19,591	1,963,929	47,998	3,550,014	1,538,087	1,405	1,141	36	.....	228	480	23
251,681	315,522	280,943	13,683	37,981	24,622	1,565,922	32,012	4,323,900	2,725,966	852	567	60	.....	225	270	24
25,241	24,322	55,552	400	16,154	2,600	225,140	2,384	487,378	259,854	54	.....	30	.....	24	.....	25
82,012	37,704	366,199	50	36,946	10,494	2,288,334	19,386	3,132,217	824,497	541	205	58	.....	218	.....	26
27,750	78,293	218,863	339	8,317	1,514	198,942	10,428	680,246	470,876	899	213	12	.....	174	.....	27
210,615	260,881	1,573,255	103,028	146,630	17,538	1,755,144	72,038	5,142,577	3,315,395	2,464	1,317	118	.....	1,029	859	28
256,645	607,507	1,110,250	389,280	53,071	23,974	1,106,421	48,580	4,908,368	3,753,387	1,555	100	15	.....	1,440	.....	29
81,006	187,006	382,674	7,750	36,533	2,990	345,902	16,566	1,402,977	1,040,509	484	.....	.....	.....	484	.....	30
138,283	315,828	673,908	14,250	7,566	24,386	512,546	30,077	2,412,492	1,869,869	967	.....	15	.....	952	.....	31
37,359	104,673	53,663	367,280	8,922	1,598	247,973	1,917	1,092,899	843,009	104	100	.....	.....	4	.....	32
33,572	18,896	118,700	.....	13,320	1,742	138,493	5,455	435,712	291,764	300	265	35	.....	18	.....	33
32,550	18,548	128,489	26,519	3,530	3,444	332,443	1,289	611,894	278,162	258	255	15	.....	18	.....	34
74,250	33,556	218,107	.....	20,756	3,403	450,878	25,907	1,090,976	614,191	1,430	650	1	.....	779	230	35
.....	3,738	21,299	413	10,344	356	58,210	904	138,679	79,565	2	.....	.....	.....	2	.....	36
.....	11,853	51,842	.....	9,556	169	681,301	908	868,700	178,311	276	.....	12	.....	264	.....	37
.....	.....	9,173	.....	1,880	.....	35,769	1,118	57,250	20,363	39	.....	.....	.....	34	.....	38
.....	11,853	42,669	.....	7,676	169	645,532	7,970	811,450	157,948	237	.....	7	.....	230	.....	39
66,684	117,986	1,072,746	702,527	53,603	2,553	3,322,322	30,094	5,877,405	2,524,989	713	300	101	.....	312	30	40
22,160	8,715	80,926	.....	8,976	537	129,769	2,031	306,367	174,557	218	125	87	.....	6	.....	41
31,385	32,313	136,741	4,645	14,615	1,102	171,675	7,000	542,120	363,445	100	50	1	.....	49	.....	42
73,766	136,365	493,798	9,676	47,268	9,752	845,910	38,101	2,025,624	1,141,613	1,159	670	17	.....	452	165	43
55,920	107,318	618,343	10,314	36,197	19,136	14,457,722	78,687	16,356,300	1,819,891	1,640	942	30	.....	668	281	44
107,717	200,563	235,132	415	11,538	19,132	4,163,665	50,214	6,191,229	1,987,350	3,208	3,049	80	.....	79	630	45
23,381	19,942	337,213	.....	10,190	2,459	718,755	8,583	1,334,472	607,134	403	66	57	.....	280	.....	46
96,455	137,303	587,823	.....	67,095	11,196	1,689,237	47,720	3,084,590	1,347,633	1,102	360	48	.....	754	255	47
56,520	66,362	153,476	.....	19,811	939	471,867	4,421	819,865	343,577	94	50	.....	.....	44	.....	248
36,862	28,359	130,375	10,753	8,673	9,809	479,257	24,734	837,828	333,837	678	400	15	.....	263	.....	49
8,880	17,854	42,487	.....	6,342	1,453	94,980	2,203	232,882	135,094	61	.....	10	.....	51	.....	50
208,845	190,781	1,249,460	127,622	56,063	21,090	1,876,356	49,991	4,352,981	2,426,634	1,861	760	378	.....	723	664	51
18,040	17,047	53,146	.....	10,100	280	88,569	2,512	275,554	184,473	31	.....	4	.....	27	.....	52
.....	.....	1,932	.....	228	34	860	85	4,700	3,755	.....	.....	.....	.....	.....	.....	53
111,178	99,191	1,010,743	.....	15,035	34,433	2,224,485	47,538	4,134,700	1,802,677	1,137	800	228	.....	109	80	54
81,373	287,897	1,002,516	896	122,408	3,222,856	3,916,185	36,940	10,934,012	6,980,887	448	.....	.....	.....	448	.....	55
2,050	.....	39,729	.....	3,024	1,861	35,445	2,874	108,515	70,196	60	10	17	.....	33	.....	56
.....	2,800	28,849	.....	9,865	3	97,105	1,044	171,761	73,612	8	.....	.....	.....	8	.....	57
43,978	27,786	120,111	.....	7,918	1,343	604,431	3,935	934,391	326,023	55	.....	27	.....	28	.....	58

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Total.	Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

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

BROOKLYN BOROUGH—Continued.																		
1	Varnishes	16	539	8	40	168	39	284	Je	309	Fe ^s	269	278	256	15	7	.....	\$3,089,472
2	Vault lights and ventilators	3	125	1	7	4	2	111	De	142	Ja ^s	97	142	142	.....	.....	.....	83,418
3	Wall plaster	3	53	1	6	9	.....	37	Se	42	Ap	30	38	36	2	.....	.....	134,522
4	Window shades and fixtures	19	415	18	12	56	2	327	De	354	Jy	266	356	296	57	3	.....	802,584
5	Wirework, including wire rope and cable, not elsewhere specified	20	440	14	33	26	11	356	No	381	Ja	336	365	316	45	4	.....	988,135
6	Wood, turned and carved	23	104	24	3	2	1	74	Oc	80	Mh	67	82	82	.....	.....	.....	72,537
7	All other industries*	569	35,008	486	334	2,960	656	30,072	.....	.....	.....	.....	29,535	22,928	6,391	95	121	183,683,101

* All other industries embrace—	1	China decorating, not including that done in potteries	2	Enameling	1	Gold and silver, leaf and foil	23
Artificial flowers	10	Cleaning and polishing preparations	5	Engines, steam, gas, and water	1	Gold and silver, reducing and refining, not from the ore	1
Artificial limbs	1	Cloth, sponging and refinishing	1	Engravers' materials	2	Hair work	7
Automobiles	10	Clothing, horse	1	Engraving and diesinking	14	Hat and cap materials	5
Babbitt metal and solder	3	Coffins, burial cases, and undertakers' goods	3	Engraving, steel and copper plate, including plate printing	6	Hats and caps, other than felt, straw, and wool	27
Bags, other than paper	6	Combs and hairpins, not made from metal or rubber	3	Envelopes	1	Hats, straw	1
Baking powders and yeast	8	Cordage and twine	3	Feathers and plumes	3	Hats, wool-felt	2
Baskets, and rattan and willow ware	6	Cordials and flavoring sirups	5	Felt goods	1	Ink, writing	2
Belting, leather	1	Corsets	3	Files	3	Iron and steel, steel works and rolling mills	1
Belting and hose, rubber	1	Cotton goods	2	Flags and banners	3	Iron and steel, bolts, nuts, washers, and rivets	1
Billiard tables and materials	1	Cotton lace	1	Flavoring extracts	7	Iron and steel forgings	5
Blacking, stains, and dressings	8	Cotton small wares	1	Flour-mill and gristmill products	3	Iron and steel, nails and spikes, cut and wrought, including wire nails	4
Bluing	1	Cutlery and edge tools	5	Foundry supplies	3	Japaning	2
Bone, carbon, and lamp black	1	Dairymen's poultrymen's, and apirists' supplies	1	Furnishing goods, men's	15	Jewelry and instrument cases	2
Boot and shoe cut stock	3	Dental goods	4	Galvanizing	4	Jute goods	2
Boxes, wooden packing	11	Druggists' preparations	8	Gas, illuminating and heating	3	Labels and tags	1
Brooms	5	Dyesuffs and extracts	6	Gas machines and gas and water meters	3		
Candles	2	Electroplating	11	Gloves and mittens, leather	4		
Cars and general shop construction and repairs by electric-railroad companies	2			Glue, not elsewhere specified	1		
Cheese	1						

MANHATTAN BOROUGH—All industries.																		
1	Artificial flowers	145	4,237	162	76	164	85	3,750	No	4,366	Je	2,772	4,363	709	3,467	4	183	2,491,017
2	Artificial stone products	7	123	3	11	4	3	102	Mh	128	Fe ^s	86	112	112	.....	.....	.....	167,972
3	Artists' materials	6	36	7	3	8	2	16	Oc ^s	17	Se	13	17	15	2	.....	.....	33,174
4	Automobile repairing	385	2,943	283	100	149	61	2,350	My	2,431	Ja	2,240	2,350	2,347	1	2	.....	1,742,276
5	Automobiles, including bodies and parts	94	1,898	67	107	194	92	1,438	My	1,610	Fe	1,278	1,474	1,419	54	1	.....	3,711,985
6	Awnings, tents, and sails	77	674	80	28	37	15	514	Je	707	Fe	419	498	381	117	.....	.....	757,706
7	Babbitt metal and solder	11	178	7	17	36	24	94	Ap	124	Ja ^s	57	97	95	2	.....	.....	1,362,915
8	Bags, other than paper	14	804	9	20	37	19	719	No	746	My	692	732	260	435	.....	37	1,011,374
9	Baking powders and yeast	8	53	12	5	13	5	18	No ^s	21	Jy	15	21	13	8	.....	.....	51,883
10	Baskets, and rattan and willow ware	28	199	25	4	15	3	152	No	168	Jy	127	164	153	9	1	1	280,179
11	Belting, leather	18	310	19	16	81	19	175	Au	181	Ja ^s	168	172	168	.....	4	.....	1,836,778
12	Blacking, stains, and dressings	12	116	9	13	11	8	75	Je	87	Mh ^s	61	71	41	29	.....	1	240,988
13	Bookbinding and blank-book making	298	6,062	300	242	248	155	6,017	Mh	6,514	Au	5,734	5,917	2,959	2,839	63	26	5,601,907
14	Bookbinding and blank-book making	7	149	8	10	13	5	113	Au	121	Se	108	112	111	1	.....	.....	523,779
15	Boot and shoe cut stock	31	204	30	9	17	11	137	My	153	Se	128	132	91	41	.....	.....	188,414
16	Boot and shoe findings	70	2,588	84	47	87	63	2,307	Je	2,625	De	1,983	2,429	1,981	422	8	18	2,320,698
17	Boots and shoes, not including rubber boots and shoes	15	1,068	15	20	55	6	972	Se	1,023	Ap	937	968	559	392	3	14	681,766
18	Boxes, cigar	168	6,085	175	173	161	130	5,446	Mh	5,699	Jy	5,161	5,416	2,232	3,136	11	37	3,423,821
19	Boxes, fancy and paper	62	1,147	64	38	79	19	947	Mh	999	My	910	935	934	1	.....	.....	1,231,824
20	Boxes, wooden packing	88	1,923	96	71	95	37	1,624	Fe	1,593	Au	1,468	1,646	1,607	34	4	1	3,293,016
21	Brass, bronze, and copper products	81	1,817	81	70	95	35	1,536	Fe	1,593	Au	1,468	1,554	1,515	34	4	1	3,115,317
22	Brass and bronze	7	106	15	1	.....	2	88	Se	110	My	64	92	92	.....	.....	.....	117,199
23	Copper and all other	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Bread and bakery products	1,126	15,007	1,216	231	763	528	12,269	.....	.....	.....	.....	12,780	9,584	3,189	4	3	32,832,008
25	Biscuits and crackers	13	5,551	2	66	342	78	5,063	Jy	5,452	Ja	4,113	5,153	2,841	2,310	.....	2	24,654,916
26	All other	1,113	9,456	1,214	165	421	450	7,206	De	7,509	Au	6,813	7,627	6,743	879	4	1	8,277,992
27	Brooms	12	161	13	3	8	5	132	Mh	136	Ja	126	134	129	4	.....	.....	193,397
28	Brushes	54	915	66	40	71	32	706	Fe	119	Au	96	710	458	249	.....	3	1,231,744
29	Tollet	8	127	6	6	6	5	104	Fe	119	Au	96	109	72	37	.....	.....	231,345
30	Paint and varnish	13	306	10	13	27	12	244	Oc	253	My	222	258	189	66	.....	3	563,217
31	All other	33	482	50	21	38	15	358	Fe	377	Se ^s	341	343	197	146	.....	.....	437,182
32	Buttons	183	2,766	225	89	132	67	2,253	Mh	2,487	Jy	1,916	2,343	1,567	747	17	12	1,743,445
33	Canning and preserving, fish	5	99	1	8	11	4	75	Ja ^s	89	Au	66	77	46	31	.....	.....	382,561
34	Canning and preserving, fruits and vegetables	3	22	2	1	1	1	17	Jy	31	Ja ^s	5	30	12	18	.....	.....	42,893
35	Card cutting and designing	18	198	20	6	7	3	162	Mh	177	Au	150	166	87	77	1	1	182,504
36	Carriages and sleds, children's	8	85	11	2	2	.....	22	Oc ^s	28	Ap ^s	16	28	27	.....	.....	.....	13,550
37	Carriages and wagons and materials	115	1,000	128	29	45	8	792	My	848	De	727	744	744	.....	.....	.....	1,381,362

* Owned power only.

^s Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.							Value of products.		Value added by manufacture.		POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.		
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.								

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

\$160,686	\$267,874	\$193,255	\$560	\$15,442	\$18,625	\$1,010,907	\$34,154	\$3,742,733	\$1,797,672	1,041	715	326	25	1	
15,560	5,590	85,716	.....	4,030	109	60,654	3,096	187,000	123,250	60	.....	60	.....	2
5,821	12,339	16,343	.....	1,500	1,425	50,317	5,012	98,349	43,020	550	550	.....	.....	3
46,097	94,547	165,139	.....	17,607	7,537	888,121	9,175	1,483,857	586,561	289	205	12	72	4
94,008	27,107	160,598	6,872	21,187	5,075	558,658	12,463	1,121,640	550,519	475	35	17	363	5	
6,200	971	42,797	149	8,766	285	56,358	4,147	163,860	103,355	122	.....	38	84	6
2,789,486	3,989,249	18,284,271	219,761	782,637	6,434,071	109,589,972	6,210,297	167,161,439	51,361,170	70,644	52,824	2,282	15,538	16,272	7

Lamps and reflectors.....	4	Paper patterns.....	1	Rules, ivory and wood.....	1	Sugar, refining.....	2
Lasts.....	1	Paving materials.....	2	Sand and emery paper and cloth.....	2	Sulphuric, nitric, and mixed acids... 1	
Lead, bar, pipe, and sheet.....	3	Pencils, lead.....	1	Saws.....	4	Suspenders, garters, and elastic woven goods.....	3
Liquors, distilled.....	1	Pens, fountain and stylographic.....	2	Scales and balances.....	1	Tobacco, chewing and smoking, and snuff.....	2
Liquors, vinous.....	1	Pens, gold.....	2	Screws, machine.....	2	Toys and games.....	22
Lithographing.....	8	Petroleum, refining.....	1	Sewing machines and attachments... 1			
Lubricating greases.....	1	Photo-engraving.....	3	Shipbuilding, iron and steel.....	3	Typewriters and supplies.....	6
Lumber and timber products.....	2	Photographic apparatus.....	1	Shipbuilding, wooden, including boat building.....	22	Vinegar and cider.....	3
Malt.....	1	Photographic materials.....	1	Silversmithing and silverware.....	6	Wall paper, not made in paper mills... 2	
Matches.....	1	Pipes, tobacco.....	5	Smelting and refining, not from the ore.....	9	Washing machines and clothes wringers.....	1
Mats and matting, from cocoa fiber and grass.....	1	Plumbers' supplies, not elsewhere specified.....	13	Soda-water apparatus.....	2	Wheelbarrows.....	1
Minerals and earths, ground.....	2	Pocketbooks.....	10	Springs, steel, car and carriage, not made in steel works or rolling mills... 1			
Models and patterns, not including paper patterns.....	20	Pottery.....	6	Statuary and art goods.....	9	Wire.....	1
Mucilage and paste.....	6	Printing and publishing, music.....	2	Steam fittings and steam and hot-water heating apparatus.....	3	Wood carpet.....	1
Musical instruments, organs.....	2	Printing materials.....	1	Stencils and brands.....	1	Wooden goods, not elsewhere specified.....	8
Musical instruments, piano and organ materials.....	1	Pulp goods.....	2	Stoves and hot-air furnaces, except gas and oil stoves.....	2	Wool shoddy.....	1
Oil, essential.....	1	Pumps, not including power pumps... 1					
Optical goods.....	7	Regalia and society badges and emblems.....	6	Roofing materials.....	5	Woolen and worsted goods.....	2
Paper and wood pulp.....	1	Roofing materials.....	5				

\$41,261,487	\$71,311,864	\$239,216,711	\$54,761,260	\$33,959,261	\$19,520,743	\$748,536,093	\$12,091,422	\$1,519,143,420	\$758,515,914	231,076	105,379	19,869	7	105,821	36,121	1
154,514	224,935	1,576,778	76,709	174,793	2,708	2,432,395	17,646	6,004,695	3,554,654	97	.....	.....	.....	97	.....	2
28,680	6,770	96,080	.....	8,732	245	84,888	657	271,012	185,467	28	.....	.....	.....	28	.....	3
6,125	7,780	8,863	880	3,706	228	38,727	232	78,429	39,470	5	.....	.....	.....	4	.....	4
169,019	129,505	2,162,766	27,734	456,260	3,408	1,644,911	81,604	5,615,197	3,888,682	2,079	10	94	.....	1,975	4	5
276,079	241,530	1,013,876	3,118	215,210	38,943	3,145,545	64,822	5,568,172	2,357,805	1,734	195	221	.....	1,318	37	6
35,921	46,591	370,565	3,073	58,897	1,703	847,584	8,499	1,710,904	854,821	168	50	8	.....	110	13	7
66,514	64,349	67,328	1,628	16,908	3,113	14,848	14,848	1,949,855	527,007	46	.....	.....	.....	46	.....	8
64,910	60,337	300,776	100	36,025	5,403	4,272,255	11,985	5,089,790	805,550	261	100	.....	.....	161	50	9
6,940	19,177	9,298	.....	4,190	120	139,373	942	214,126	73,811	24	.....	.....	.....	21	.....	10
6,116	13,556	80,727	8,550	14,799	764	139,362	2,043	330,226	188,821	42	.....	.....	.....	40	.....	11
61,483	90,952	120,335	15,240	32,979	4,758	1,503,038	15,103	2,275,297	757,156	1,233	1,090	25	.....	118	10	12
31,046	23,113	43,044	2,727	14,962	1,486	228,480	3,547	418,313	186,286	96	.....	86	.....	10	.....	13
564,490	320,089	3,241,246	235,962	496,653	9,520	2,735,620	112,018	9,171,059	6,323,421	2,492	185	264	.....	2,043	1	14
16,500	12,792	76,263	.....	13,120	352	646,445	3,210	848,006	199,351	192	.....	.....	.....	192	.....	15
14,014	22,191	63,728	8,028	17,207	191	274,585	3,293	473,728	195,850	61	.....	13	.....	48	.....	16
105,905	163,965	1,349,210	11,600	85,309	2,420	2,784,702	25,550	5,428,186	2,617,934	545	25	121	.....	399	.....	17
62,687	58,883	448,009	1,944	38,682	10,628	691,786	12,073	1,408,813	704,954	616	475	76	.....	65	40	18
355,614	234,085	2,352,303	11,557	403,078	7,513	3,372,287	74,166	8,254,220	4,807,767	1,642	592	334	.....	716	55	19
70,189	89,420	600,123	2,520	144,634	8,044	1,655,100	35,818	2,995,560	1,304,642	2,579	1,750	582	.....	247	253	20
147,136	125,844	977,405	14,122	121,411	17,988	1,824,530	64,879	3,924,373	2,035,464	1,571	1,093	323	.....	155	6	21
145,836	124,344	934,956	14,122	112,683	17,988	1,729,633	61,830	3,734,276	1,942,813	1,510	1,093	307	.....	110	6	22
1,300	1,500	42,449	.....	8,728	.....	94,897	2,549	190,097	92,651	61	.....	16	.....	45	.....	23
630,767	908,705	7,549,862	3,148	1,172,552	200,382	23,708,304	825,303	48,621,491	24,087,884	6,017	455	182	.....	5,380	23	24
274,989	304,955	2,354,510	.....	98,276	139,299	8,465,838	230,264	20,417,834	11,721,732	2,554	.....	135	.....	2,419	.....	25
365,778	603,750	5,195,352	3,148	1,074,276	61,083	15,242,466	595,039	28,203,657	12,366,152	3,463	320	182	.....	2,961	23	26
3,012	9,612	50,983	.....	1,239	2,642	101,334	2,642	116,672	44	.....	.....	4	.....	40	.....	27
100,336	90,124	353,054	3,534	57,030	3,220	963,288	12,171	1,985,743	1,010,284	206	1	65	.....	140	.....	28
14,082	10,425	54,739	250	9,620	448	134,987	2,360	300,091	162,744	305	.....	.....	.....	35	.....	29
45,810	43,365	146,738	330	19,504	1,550	430,263	4,558	804,918	370,097	67	.....	.....	.....	44	.....	30
40,444	36,334	151,577	2,954	27,906	1,222	398,038	5,253	880,734	477,443	104	1	23	.....	61	.....	31
201,714	143,795	940,708	16,871	158,085	2,083	1,400,009	31,707	3,516,509	2,084,793	677	150	151	.....	376	.....	32
30,333	17,448	42,547	.....	6,085	1,464	504,896	4,809	639,066	129,361	93	50	.....	.....	43	.....	33
2,200	1,020	6,200	.....	2,880	11	84,227	464	110,878	26,187	20	.....	.....	.....	20	.....	34
9,404	9,658	81,120	2,500	21,810	119	119,198	3,482	314,850	192,170	82	.....	5	.....	77	.....	35
.....	1,000	17,239	.....	3,440	.....	39,247	209	75,605	36,149	2	.....	.....	.....	82	.....	36
49,907	31,812	588,389	11,692	117,668	13,718	516,861	26,291	1,670,159	1,127,007	1,193	175	175	.....	843	.....	37

* Same number reported for one or more other months.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.				
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.				
								Maximum month.	Minimum month.									
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.																		
1	MANHATTAN BOROUGH—Contd.	4	2,071	60	130	3	1,878	Fe	1,956	De	1,755	1,755	1,752	3	\$6,450,504			
2	Cars and general shop construction and repairs by electric-railroad companies.	3	52	1	4	3	8	36	Mh	42	No	28	30	20	10	73,493		
3	Cash registers and calculating machines.	10	289	3	20	77	13	176	Ap	184	Se	160	181	169	12	1,001,699		
4	Chemicals.....	32	173	17	22	48	9	77				77	47	30	272,515			
5	Cleansing and polishing preparations.	14	86	8	31	5	34	Au	36	Ja	30	33	22	11	183,331			
6	Cleansing preparations.....	18	87	9	14	17	4	43	Ap	45	Je	40	44	25	89,184			
7	Polishing preparations.....	1,544	42,994	2,265	531	3,053	1,043	36,052				37,458	27,302	10,113	13	63,408,047		
8	Clothing, men's.....	845	28,098	1,256	551	3,029	1,015	22,247				22,018	15,778	6,208	10	62,455,526		
9	Regular factories.....	663	22,650	978	453	2,473	807	17,939	Fe	18,395	De	16,214	17,542	12,784	4,735	27	52,052,837	
10	Men's and youths'.....	171	5,217	266	93	542	201	4,115	Fe	4,600	No	3,808	4,260	2,874	1,377	1	9,478,818	
11	Boys'.....	11	231	12	5	14	7	193	Ja	237	No	159	216	191	8	323,871		
	All other.....																	
12	Contract work.....	699	14,896	1,009	30	24	28	13,805				15,440	11,524	3,910	3	1,012,521		
13	Men's and youths'.....	630	13,335	908	27	23	26	12,351	De	13,171	My	11,429	13,838	10,322	3,511	3	902,396	
14	Boys' and all other.....	69	1,561	101	3	1	2	1,454	De	1,575	Se	1,333	1,602	1,202	399	1	110,125	
15	Clothing, men's, buttonholes.....	45	252	59	5			188	My	193	Fe	182	194	153	41	73,82		
16	Clothing, women's.....	3,268	114,540	4,569	2,157	7,495	4,660	95,659				99,617	42,843	56,521	34	219	95,404,512	
17	Regular factories.....	2,706	106,655	3,767	2,107	7,440	4,618	88,723				90,921	37,811	52,875	28	207	94,104,037	
18	Suits, skirts, and cloaks.....	1,336	45,809	1,976	852	4,026	1,804	37,091	Oc	43,257	Je	30,299	38,358	27,875	10,443	16	24	43,500,301
19	Shirt waists and dresses, except house dresses.	884	43,413	1,137	883	2,250	2,066	37,077	Mh	42,446	Jy	28,450	38,030	7,922	29,967	6	135	31,470,991
20	Undergarments and petticoats.	251	11,751	319	262	707	416	10,047	Mh	10,929	Jy	8,854	9,965	1,058	8,885	22	12,448,218	
21	Wrappers and house dresses.	109	2,688	178	43	283	153	2,031	Mh	2,174	Ja	1,883	2,055	342	1,712	1	3,798,722	
22	All other.....	126	2,994	157	67	174	119	2,477	Mh	2,739	Jy	2,247	2,513	614	1,808	5	26	2,040,345
23	Contract work.....	562	7,885	802	50	55	42	6,936				8,696	5,032	3,046	6	12	1,239,876	
24	Suits, skirts, and cloaks.....	382	4,751	542	27	39	17	4,126	Oc	5,215	Je	3,055	5,326	3,896	1,417	6	7	770,097
25	Shirt waists, and dresses, except house dresses.	122	1,995	181	16	13	20	1,765	De	2,031	Jy	1,250	2,253	527	1,722	4	4	333,313
26	Undergarments, petticoats, wrappers, and house dresses.	14	213	14	2		1	196	Mh	208	My	183	211	19	192			30,681
27	All other.....	44	926	65	5	3	4	849	Mh	904	My	777	906	590	315	1	1	90,184
28	Coffee and spice, roasting and grinding.	74	1,776	61	72	521	116	1,006				958	542	408	7	1	4,933,859	
29	Coffee.....	68	1,365	55	60	458	100	692	Jy	766	Ja	653	685	428	249	7	1	4,410,066
30	Spice.....	6	411	6	12	63	16	314	Ap	339	De	273	273	114	169			514,793
31	Coffins, burial cases, and undertakers' goods.	11	500	19	16	68	18	379	Ap	405	No	347	369	205	169	5	5	1,135,223
32	Collars and cuffs, men's.....	3	61	6	2			53	Fe	61	Jy	48	59	14	45			19,650
33	Combs and hairpins, not made from metal or rubber.	14	334	18	6	35	15	260	Mh	318	My	198	220	167	53			324,900
34	Confectionery and ice cream.....	150	7,660	142	192	491	201	6,634				7,219	3,126	4,013	15	65	12,263,303	
35	Confectionery and chewing gum.	135	7,143	131	175	427	197	6,213	De	7,244	My	5,669	6,790	2,715	3,995	15	65	11,577,070
36	Ice cream.....	15	517	11	17	64	4	421	Au	449	Fe	397	429	411	18			685,723
37	Cooperage.....	18	187	22	3	4	2	156				153	153					202,710
38	Hogsheads and barrels.....	14	180	18	3	4	2	153	Ap	169	Jy	142	150	150				197,705
39	All other.....	4	7	4				3	(*)		3(*)	3	3	3				5,005
40	Copper, tin, and sheet-iron work.....	202	1,986	236	112	160	54	1,424	No	1,499	Au	1,380	1,442	1,430	5	7	2,831,212	
41	Cordials and flavoring sirups.....	28	246	24	21	34	14	153	Au	196	Ja	111	157	109	47	1		640,426
42	Cork, cutting.....	12	89	11	7	2	2	67	Je	76	De	52	75	31	44			151,304
43	Corsets.....	45	2,493	39	67	154	96	2,137	Ap	2,656	De	1,735	1,745	219	1,520	6	6	2,495,117
44	Cotton goods.....	4	81	5	1	15	7	53	(*)		(*)	53	54	14	40			257,888
45	Cutlery and edge tools.....	10	516	9	13	47	25	422				396	328	67	1			638,538
46	Table cutlery and razors.....	7	500	5	13	45	22	415	Se	482	Jy	351	389	324	64	1		602,376
47	All other.....	3	16	4	2	3	3	7	(*)	7	(*)	7	7	4	3			31,162
48	Dental goods.....	25	390	23	16	51	33	267	Ja	280	De	254	255	174	72	9		1,897,937
49	Druggists' preparations.....	41	739	28	48	76	91	496	Mh	534	Jy	472	480	193	273	6	8	1,208,804
50	Dyeing and finishing textiles.....	68	2,386	72	85	192	145	1,892	Ap	2,320	De	1,586	1,609	925	670	11	3	4,016,063
51	Dyestuffs and extracts.....	7	132	5	8	29	29	70	Fe	81	Au	59	66	65	1			836,924
52	Electrical machinery, apparatus, and supplies.	115	4,130	53	182	535	180	3,180	De	3,449	Je	2,877	3,534	2,603	906	22	3	8,763,707
53	Electroplating.....	80	541	99	17	20	9	396	No	424	Au	371	415	397	11	7	220,255	
54	Engraving and diesinking.....	149	494	178	14	11	15	276	De	312	Se	292	303	277	13	13	222,365	
55	Engraving, steel and copper plate, including plate printing.	81	2,518	77	65	216	113	2,047	Ja	2,197	No	1,784	1,808	1,137	661	8	2	8,869,721
56	Engraving, wood.....	19	79	19	1	2	1	56	My	57	No	54	56	43	9	4		34,204
57	Fancy articles, not elsewhere specified.	162	2,667	180	85	222	132	2,048				2,160	860	1,247	8	45	2,528,069	
58	Beadwork and celluloid novelties	16	451	15	5	49	22	360	Se	432	De	278	346	140	204	2		443,771
59	Metal novelties.....	32	374	34	15	30	19	276	Fe	332	De	223	266	206	60			342,89
60	Paper novelties.....	13	96	14	3	6	4	69	No	107	Jy	53	80	11	59	10		77,673
61	Wood novelties and all other.....	101	1,746	117	62	137	87	1,343	Oc	1,507	Jy	1,201	1,468	503	924	6	35	1,663,836

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$90,715	\$102,582	\$1,351,247		\$350	\$111,184	\$1,764,828	\$91,660	\$3,512,566	\$1,656,078	2,579				2,579	1
13,620	8,712	21,789		3,640	255	24,708	910	140,669	115,051	14				14	2
40,224	90,776	120,777		20,932	10,098	306,090	47,578	815,712	462,044	777	655	16		106	35
43,876	59,539	38,622	\$1,950	18,962	1,499	230,751	3,743	538,076	303,582	42				42	4
15,702	42,987	16,952	1,700	9,933	447	148,281	2,367	314,783	164,135	24				24	5
28,174	16,552	21,670	250	9,029	1,052	82,470	1,376	223,293	139,447	18				18	6
1,735,597	4,687,862	21,149,419	20,777,071	2,596,644	49,050	73,940,729	378,035	149,554,226	75,235,462	5,346	774	929	1	3,642	142
1,688,566	4,661,261	14,237,267	20,646,303	2,223,811	49,050	73,604,568	232,204	139,775,819	65,939,047	3,405	771	246	1	2,387	142
1,389,424	3,729,196	11,703,975	16,279,872	1,801,241	44,780	59,994,365	173,666	112,981,667	52,813,636	2,507	771	111	1	1,624	142
286,952	916,853	2,445,701	4,354,128	401,376	4,129	13,227,590	55,773	26,093,098	12,809,735	793		135		658	10
12,160	15,212	87,591	12,303	21,194	141	382,613	2,765	701,054	315,676	105				105	11
47,031	26,601	6,912,152	130,768	372,833		336,161	145,831	9,778,407	9,296,415	1,941	3	683		1,255	12
43,911	25,411	6,262,484	129,296	334,180		296,034	129,778	8,866,122	8,440,310	1,648	3	513		1,132	13
3,120	1,190	649,668	1,472	38,653		40,127	16,053	912,285	856,105	293		170		123	14
7,250		100,465	524	14,099	30	23,964	3,214	200,650	173,472	67		12		53	15
5,079,870	11,478,429	58,850,036	14,084,927	7,228,551	103,862	174,074,810	1,047,394	326,881,076	151,758,872	13,390	195	439		12,756	72
5,031,105	11,426,643	56,082,782	13,971,211	6,936,672	103,650	173,591,575	968,411	320,794,943	146,244,957	12,076	195	320		11,561	72
2,172,905	5,907,261	28,768,642	8,140,993	3,458,922	53,934	88,991,727	413,717	163,858,098	74,452,654	4,961		37		4,924	17
1,933,871	3,896,926	20,591,370	4,284,458	2,441,091	35,264	57,054,210	355,640	109,072,045	51,662,195	4,690		100		4,590	19
633,979	993,069	4,548,528	518,374	609,515	12,281	18,239,157	117,656	30,619,032	12,262,219	1,696	195	158		1,343	55
125,224	330,478	926,428	655,359	227,383	714	5,178,952	25,859	9,315,997	4,111,186	316				316	21
165,126	298,909	1,197,814	372,027	199,761	1,457	4,127,529	45,539	7,929,771	3,756,703	413		25		388	22
48,765	51,786	2,817,254	63,716	291,879	212	483,235	88,983	6,086,133	5,513,915	1,314		119		1,195	23
24,710	33,045	2,209,912	59,716	175,047	7	271,297	51,442	3,793,394	3,470,655	754		37		1,717	24
14,976	14,368	112,673	2,000	80,720	123	75,590	24,465	1,404,555	1,304,500	385		32		353	25
3,000	520	71,689		7,681	82	92,209	2,741	229,283	134,283	42		8		34	26
6,079	3,853	422,980	2,000	28,071		44,139	10,335	658,951	604,477	133		42		91	27
202,916	745,506	525,048	15,423	180,327	14,165	11,404,469	91,893	15,604,337	4,107,975	2,777	778	25		1,974	338
167,758	604,882	402,518	15,423	141,758	12,442	9,983,845	81,487	13,384,139	3,318,807	2,251	733	22		1,496	338
35,158	140,624	122,530		33,669	1,723	1,420,824	10,406	2,220,198	739,168	526	45	3		478	30
36,380	73,174	219,788		31,807	6,447	1,013,693	14,329	1,606,935	578,913	522	300	37		185	31
3,000		19,000		1,610		16,198	790	51,846	34,858	11				11	32
74,800	52,081	141,128	86,245	12,230	186	348,549	6,551	787,907	432,807	116	6	80		30	33
642,259	693,824	3,029,383	3,100	690,225	74,813	13,634,772	249,667	22,521,415	8,636,976	8,836	6,976	1,266		594	6,333
598,441	612,581	2,689,013	3,100	675,004	71,232	11,702,977	219,225	19,537,212	7,665,010	7,990	6,976	491		493	5,698
43,818	81,243	340,370		15,221	3,581	1,931,795	30,442	2,934,203	971,966	876		775		101	635
3,300	4,076	99,674		19,284	567	262,693	2,566	460,391	195,132	84		50		34	37
3,300	4,076	97,594		18,544	567	261,148	2,495	452,257	188,614	84		50		34	38
		2,080		740		1,545	71	8,134	6,518					34	39
207,797	154,811	1,082,731	93,469	160,531	8,630	1,966,057	28,558	4,466,077	2,471,462	887	230	110		547	40
38,746	59,575	85,129		32,853	9,014	731,205	5,859	1,253,731	516,067	71		10		61	41
16,050	3,747	32,822	10,151	9,595	263	175,009	2,239	336,467	159,219	40		3		37	42
164,140	407,164	943,431	90,895	207,197	12,946	2,087,413	19,676	5,047,451	2,940,392	421		40		381	43
6,000	18,200	32,244	30,342	7,010	70	211,652	4,188	329,592	118,757	125		45		80	44
54,018	65,871	238,583		32,856	381	371,727	9,716	928,460	547,017	198		16		182	45
54,018	61,821	235,152		32,160	381	359,160	9,554	899,379	530,659	196		10		180	46
	4,550	3,431		696		12,561	162	29,081	16,358	2				47	47
54,385	61,614	164,441	12,780	19,075	2,311	1,689,418	7,752	2,201,512	504,342	230	140			90	74
188,543	250,501	245,361		70,703	7,851	1,065,156	12,507	2,505,996	1,427,733	327				327	49
236,554	237,916	1,087,683	97,200	123,438	11,503	2,820,901	75,877	5,921,535	3,024,757	2,779	1,920	349		510	385
36,058	54,647	76,172	2,150	11,644	4,356	922,685	6,042	1,474,618	545,891	243	175	15		53	51
492,052	611,594	1,809,888	58,072	201,650	19,732	4,741,200	101,824	9,929,526	5,086,502	2,682	985	293		1,404	465
22,307	18,699	273,208	3,035	62,039	160	115,138	22,595	711,118	573,385	460	6	216		238	53
24,537	13,685	200,393	2,376	50,003	152	57,014	6,597	610,981	547,370	124		33		91	4
257,488	442,362	1,452,665	51,725	89,164	53,087	1,179,129	55,449	4,423,138	3,188,560	1,814				1,814	6
1,560	3,113	35,141	4,580	6,980	5	11,073	355	99,857	88,429	5				5	1
164,550	288,966	934,188	84,761	197,174	3,829	3,051,037	23,476	5,744,459	2,669,946	534	185	30		319	50
11,800	89,260	166,501	26,950	46,581	127	1,014,736	6,608	1,575,932	554,588	184	160			24	50
16,268	28,825	128,355	2,879	28,138	44	259,005	4,563	620,097	356,529	102		19		33	59
6,060	4,892	27,959	12,591	9,592		45,140	171	131,723	83,412	1				1	60
130,422	165,989	611,373	42,341	112,863	3,658	1,729,156	12,134	3,416,707	1,675,417	247	25	11		211	61

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.		
								Maximum month.	Minimum month.							

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

1	MANHATTAN BOROUGH—Contd.	189	4,479	124	109	303	155	3,788	Se	4,636	De	3,243	3,788	451	3,265	3	69	\$4,521,878
2	Feathers and plumes	17	604	10	25	66	58	445	Je	472	Ja	415	458	108	328	11	11	608,051
3	Flags and banners	53	371	46	37	94	20	174	My ^a	186	Ap	162	174	102	70	1	1	684,136
4	Flavoring extracts	98	1,454	97	55	152	38	1,112					1,188	852	335	1		2,664,343
5	Food preparations, not elsewhere specified.	8	62	7	5	2	2	46	De	56	Jy	42	56	27	29			111,985
6	Breadstuff preparations, cereals, and table foods.	40	417	54	3	48	4	308	De ^s	317	Au ^s	300	317	245	71	1		436,136
7	Macaroni, vermicelli, and noodles	13	242	11	7	46	12	166	Mh	188	Au	139	173	93	80			443,283
8	Meat products	37	733	25	40	56	20	592	No	660	Fe ^s	530	642	487	155			1,672,639
	Lard compounds and other substitutes and all other food products for human consumption.																	
9	Foundry and machine-shop products.	480	6,317	409	282	451	171	5,004					5,210	5,094	103	13		13,133,886
10	Boiler shops	4	148	2	9	6	1	130	Fe	145	Mh	112	137	137				121,769
11	Foundries	5	132	3	4	4	1	120	Je ^s	122	Oc	117	119	118	1			59,634
12	Machine shops	471	6,037	404	269	441	169	4,754	Ja	5,026	De	4,354	4,954	4,839	102	13		12,957,483
13	Fur goods	793	8,114	1,206	197	910	339	5,462	No	7,123	Ja	3,916	6,817	5,003	1,801	8	5	17,282,476
14	Furnishing goods, men's	194	5,571	235	164	603	283	4,286	Mh	4,520	Au	4,060	4,421	1,535	2,863	3	20	7,797,799
15	Furniture	341	6,055	371	261	424	115	4,884					4,557	4,379	176	1	1	7,801,491
16	Wood, and rattan and willow	229	4,880	254	174	300	72	3,580	Ja	3,793	De	3,447	3,454	3,301	151	1	1	5,623,241
17	Metal, store and office fixtures	112	1,675	117	87	124	43	1,304	Fe	1,733	No	1,149	1,103	1,078	25			1,678,250
18	Furs, dressed	22	128	25	3	9	2	89	Oc	102	Ja	66	95	75	19	1		209,835
19	Gas and electric fixtures	81	2,657	64	113	330	71	2,079					2,077	1,971	94	9	3	4,004,874
20	Gas fixtures	18	788	12	25	93	15	643	Ja	662	Au	616	642	561	77	1	3	1,133,981
21	Electric fixtures	55	1,646	44	78	216	49	1,260	Fe	1,307	Jy	1,192	1,253	1,233	12	8		2,600,979
22	All other	8	223	8	10	21	8	178	Mh	196	De	130	182	177	5			269,914
23	Gas machines and gas and water meters.	3	165	1	4	7	5	148	No ^s	160	Je	134	157	145	12			302,439
24	Glass, cutting, staining, and ornamenting.	65	364	67	35	43	30	689	Mh	712	Jy	640	692	624	58	7	3	630,286
25	Gloves and mittens, leather	27	554	29	10	25	19	471	Ja	551	No	391	441	203	234		4	465,924
26	Gold and silver, leaf and foil	12	145	1	1	12	6	112	Ja ^s	113	Oc ^s	111	111	67	44			200,896
27	Hair work	72	772	79	27	52	51	563	Mh	604	Jy	505	533	206	327			1,540,030
28	Hand stamps	35	253	33	18	24	12	166	Se	175	Mh	160	168	157	5	6		189,167
29	Hardware	27	530	14	32	120	15	349					329	328	1			1,410,364
30	Locks	4	36	2	2	1	1	31	Fe	33	Ap ^s	30	30	29	1			26,067
31	Hinges and other builders' hardware.	6	90	3	12	2	67	Mh	79	Oc	57	66	66	66				154,896
32	All other	17	404	6	27	108	12	251	Au	287	No	184	233	233				1,229,401
33	Hat and cap materials	50	825	60	34	42	16	673	No	731	My	602	748	577	170	1		2,240,893
34	Hats and caps, other than felt, straw, and wool.	245	4,121	357	89	164	70	3,441	Se	3,633	No	3,332	3,553	3,000	553			3,146,477
35	Hats, fur-felt	22	675	22	30	45	14	564	Oc	634	My	436	660	427	233			837,110
36	Hosiery and knit goods	83	1,664	99	51	108	54	1,352	Oc	1,536	Ja	1,222	1,414	552	855	1	6	1,978,710
37	House-furnishing goods, not elsewhere specified.	98	1,773	113	48	140	77	1,395					1,467	512	943		12	3,239,162
38	Comforts, quilts, feather pillows, and beds.	28	195	29	2	20	8	136	Oc	174	Ap	114	160	118	42			411,172
39	Mops, dusters, and all other	70	1,578	84	46	120	69	1,259	No	1,348	Jy	1,172	1,307	394	901		12	2,827,990
40	Ice, manufactured	17	464	3	24	17		420	Oc	490	Ja	375	467	467				3,446,736
41	Ink, printing	11	348	15	25	83	21	204	Se ^s	211	Ja ^s	200	198	195	1	2		1,617,907
42	Instruments, professional and scientific.	39	473	31	34	49	16	343					324	296	28			916,930
43	Medical and surgical	16	271	11	18	20	4	218	Ja	230	Au	202	200	192	8			333,942
44	All other	23	202	20	16	29	12	125	Oc	133	Au	118	124	104	20			532,994
45	Ivory, shell, and bone work, not including combs and hairpins.	16	116	16	11	4	2	83	My	87	Fe ^s	79	85	65	17	2	1	91,290
46	Jewelry	488	6,055	586	203	528	425	4,313	Mh	4,513	Au	4,077	4,395	3,877	476	33	9	14,499,100
47	Jewelry and instrument cases	57	733	56	32	30	22	593	No	655	Mh	555	631	439	180	9	3	697,475
48	Lamps and reflectors	28	737	21	48	75	28	565					481	407	73	1		1,695,990
49	Automobile, carriage, and wagon lamps.	7	93	7	3	1	3	79	Mh	103	Au	58	61	60				109,485
50	Reflectors and all other lamps	21	644	14	45	74	25	486	No	555	De	421	420	347	73			1,536,505
51	Lapidary work	44	584	53	31	28	21	451	Mh	634	De	116	538	488	15	8	27	2,977,235
52	Leather goods, not elsewhere specified	128	3,367	159	90	235	90	2,793	Oc	3,324	Ap	2,584	2,754	2,003	709	19	23	3,303,868
53	Liquors, malt	21	4,099	1	112	492	16	3,478	Au	3,661	Fe	3,302	3,517	3,517				62,268,904
54	Lithographing	111	4,760	72	167	427	154	3,940	De	4,090	Jy	3,840	4,106	3,503	592	9	2	8,051,681
55	Looking-glass and picture frames	94	1,110	92	42	86	33	857	Mh	909	Jy	792	873	833	35	5		1,249,272
56	Lumber, planing-mill products, not including planing mills connected with sawmills.	65	1,351	56	66	86	15	1,128	Je	1,237	Oc	1,044	1,124	1,094	29	1		2,081,176
57	Marble and stone work	65	670	65	49	36	13	507	Jy	611	De	414	523	516	7			1,653,540

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$308,192	\$435,705	\$1,713,014	\$39,120	\$306,719	\$6,501	\$5,574,521	\$26,443	\$10,186,562	\$4,585,598	287	68	78	141	1
63,770	110,330	222,672	3,881	32,802	1,926	606,829	7,378	1,338,047	723,840	113	45	.....	68	2
71,551	98,618	82,122	1,151	49,361	5,617	858,631	5,860	1,439,679	575,688	112	40	.....	72	3
232,293	264,624	584,168	16,560	160,636	12,856	5,604,425	127,111	8,341,118	2,609,582	1,819	620	329	870	181
7,360	1,932	19,743	.....	8,780	78	259,599	2,884	324,142	61,659	113	.....	45	68	5
6,720	72,538	138,770	.....	50,988	1,662	499,531	38,703	1,050,833	512,599	539	.....	259	280	6
16,686	91,583	75,222	16,500	15,526	1,295	1,027,801	8,219	1,523,255	487,235	267	85	.....	182	7
201,527	98,521	350,433	60	85,342	9,821	3,817,494	77,305	5,442,888	1,548,089	900	535	25	340	181
718,669	602,622	3,839,559	118,117	461,507	55,043	3,287,914	176,004	11,572,507	8,108,589	6,597	3,339	944	2,314	2,261
20,257	7,972	79,673	1,456	13,484	398	94,217	4,967	290,181	190,997	116	110	6	.....	10
6,295	5,616	105,754	.....	11,918	1,375	40,918	7,050	219,754	171,786	130	50	25	55	11
692,117	589,034	3,654,132	116,661	436,105	53,270	3,152,779	163,987	11,062,572	7,745,806	6,351	3,179	913	2,259	2,261
455,215	1,186,144	4,077,426	173,291	1,087,487	37,981	15,906,303	77,203	28,781,991	12,798,485	1,143	.....	7	1,136	108
504,759	947,268	2,502,861	711,645	355,523	6,016	11,374,141	40,067	19,185,102	7,770,894	504	.....	24	480	14
556,706	523,273	3,463,580	202,174	639,524	35,149	4,934,533	145,756	12,729,469	7,649,180	3,858	1,757	619	1,480	168
395,584	374,699	2,461,832	150,128	405,311	30,310	3,321,141	103,869	8,607,110	5,177,100	2,562	1,402	330	800	3
161,122	148,574	1,001,748	52,046	174,213	4,839	1,613,392	36,887	4,122,359	2,472,080	1,294	355	259	680	165
9,160	10,527	59,049	100	14,680	1,017	96,024	4,338	260,420	160,058	176	120	17	39	18
351,519	505,760	1,424,372	13,710	201,979	20,200	2,428,921	73,496	5,753,137	3,250,720	1,310	410	179	721	13
84,837	134,341	441,980	.....	44,548	618	665,959	21,199	1,654,828	967,670	220	.....	9	211	20
247,312	332,442	879,993	10,863	141,889	19,171	1,516,982	47,398	3,586,607	2,022,127	1,020	410	144	466	13
19,370	38,977	102,399	2,847	15,542	411	245,980	4,899	511,802	280,923	70	.....	26	44	22
10,729	11,768	97,869	55	2,676	4,488	278,972	5,074	515,542	281,496	115	105	.....	10	31
50,674	59,551	436,796	16,146	67,646	1,336	527,232	25,179	1,514,867	962,456	291	2	147	142	24
15,604	34,918	221,565	41,210	30,371	160	454,528	3,527	900,125	442,070	47	.....	.....	47	25
2,000	13,756	71,413	652	7,760	1,193	295,524	3,228	439,999	141,247	39	.....	5	34	26
63,540	100,941	275,432	16,547	61,324	3,853	978,359	5,405	1,910,000	926,236	22	.....	2	20	27
28,405	22,878	107,667	3,000	26,426	3,848	125,995	4,699	421,894	291,200	73	.....	.....	73	28
59,921	82,705	228,826	1,539	36,761	5,866	951,788	19,547	1,551,824	580,489	468	60	162	246	29
3,000	500	21,042	.....	2,220	.....	22,086	591	56,372	33,695	12	.....	.....	12	30
10,500	10,848	46,829	859	5,488	987	48,433	4,575	180,610	127,602	131	.....	98	33	31
46,421	71,357	180,955	680	29,053	4,879	881,269	14,381	1,314,842	419,192	325	60	64	201	32
46,182	66,194	348,706	12,400	36,536	3,849	2,036,688	11,985	2,920,374	871,701	491	300	36	155	343
156,470	176,266	2,265,261	67,850	240,602	1,282	4,585,888	47,563	9,328,184	4,694,733	532	.....	17	512	34
65,844	37,113	398,287	288	37,662	664	1,219,314	7,880	2,068,385	841,191	132	15	31	86	2
115,613	135,836	630,037	227,666	122,450	1,776	2,481,025	24,530	4,377,445	1,871,890	402	40	8	354	36
111,975	191,890	767,213	10,705	113,070	18,308	4,058,794	25,989	5,662,263	1,577,480	727	510	19	198	101
5,560	27,175	97,134	550	20,748	192	487,233	2,054	726,135	236,848	67	.....	1	66	38
108,415	164,715	670,079	10,155	92,322	18,111	3,571,561	23,935	4,936,128	1,340,632	660	510	18	132	101
43,549	19,234	367,260	1,530	126,131	38,996	174,192	408,861	1,637,431	1,054,378	10,598	8,126	2,466	7	1,417
157,375	142,839	155,090	56,146	10,940	12,916	946,028	28,400	2,482,526	1,508,098	1,208	1,075	75	58	439
58,066	46,884	249,516	15,447	37,158	1,886	214,240	12,273	900,547	674,034	381	175	30	176	40
25,402	15,224	150,654	6,026	16,956	942	115,215	7,316	489,739	367,208	309	175	20	114	40
32,664	31,660	98,802	9,421	20,202	944	99,025	4,957	410,808	306,826	72	.....	10	62	44
13,830	3,207	44,341	.....	11,554	17	113,066	2,137	229,030	113,827	52	.....	20	32	45
535,301	888,366	3,393,166	170,968	437,111	9,319	9,002,620	87,200	18,307,875	9,218,055	1,728	.....	52	1,674	46
58,564	33,516	333,163	15,473	51,876	432	497,344	9,119	1,199,119	762,656	178	.....	30	146	47
121,164	73,136	342,207	4,330	50,884	8,581	757,332	13,441	1,483,468	716,640	337	125	80	132	84
9,360	3,373	45,609	30	7,823	189	96,813	1,502	204,557	106,242	49	.....	.....	49	49
111,804	69,763	296,598	4,300	43,061	8,392	656,569	11,939	1,278,906	610,398	288	125	80	83	50
94,214	48,178	542,371	2,218	66,663	1,317	3,486,407	13,625	4,692,030	1,191,998	443	.....	8	435	51
184,571	322,370	1,563,205	65,090	188,245	7,199	4,287,149	28,223	8,020,214	3,704,842	460	100	1	359	67
1,022,298	956,600	3,246,119	82,076	6,557,884	8,623,435	594,680	34,664,983	25,446,868	22,639	22,575	.....	.....	64	5,848
647,073	669,995	3,298,021	382,544	436,306	37,180	3,723,231	89,852	11,052,338	7,239,255	3,132	1,195	161	1,776	1,383
112,211	106,261	510,777	5,103	132,781	2,160	829,735	13,613	2,098,565	1,255,217	337	188	31	118	81
122,205	78,782	839,063	60,536	151,068	20,639	1,156,324	39,366	2,905,736	1,710,046	3,631	2,880	312	439	2,465
78,002	41,153	376,714	73,812	58,080	15,135	563,242	23,038	1,433,290	847,010	1,723	945	292	486	425

* Same number reported for one or more other months.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$47,158	\$81,843	\$445,976		\$93,805	\$684	\$1,588,443	\$15,193	\$2,626,273	\$1,022,637	498	220	28	250	75	1
1,324,620	2,744,320	10,606,090	\$1,362,209	1,694,484	22,128	32,800,926	268,635	63,423,719	30,354,108	3,259	83	277	2,899	90	2
316,204	483,399	1,987,725	909,578	305,200	8,097	4,349,624	39,259	10,832,117	6,443,234	500		10	490	1	3
548,954	939,174	4,732,087	60,771	727,387	7,182	14,408,831	117,081	26,478,378	11,952,466	1,188	3	138	1,047	30	4
109,970	237,723	779,507	63,641	159,201	1,579	3,432,014	27,847	5,752,407	2,292,546	604	50	83	471	37	5
194,591	738,636	1,994,265	121,470	279,895	3,921	5,972,384	45,714	11,761,418	5,743,320	521	30	15	476	22	6
154,811	295,388	1,112,512	206,749	219,801	1,349	4,638,073	38,784	8,599,399	3,922,542	446		31	415		7
103,938	119,649	723,863	3,093	141,021	14,317	1,151,793	48,482	3,199,616	1,999,341	1,030	344	309	377	25	8
30,128	60,705	388,878	11,250	61,291	4,940	1,004,589	21,090	1,919,954	834,275	580	254	103	223	109	9
126,573	92,188	471,741	12,839	104,174	2,874	595,552	24,464	1,994,111	1,374,095	528	182	74	272	7	10
14,096	10,315	20,950		7,491	175	174,524	3,189	276,159	98,446	54		54			11
4,672	4,186	68,992	1,165	25,290	252	65,957	4,191	236,850	166,702	68		28	40		12
3,892	3,094	24,523		5,150	43	14,313	1,485	73,989	58,191	32		22	10		13
780	416	16,224		11,106	209	17,359	1,219	75,379	56,801	16		6	10		14
	676	28,245	1,165	9,034		34,285	1,487	87,482	51,710	20			20		15
425,555	320,995	2,224,546	125,929	298,093	33,946	5,323,594	49,326	10,550,842	5,177,922	2,009	1,435	265	309	336	16
97,994	44,547	863,840	83,042	83,042	9,590	1,104,907	28,972	3,214,754	2,080,875	940	832	51	57	337	17
80,897	56,076	33,828	240	19,163	1,287	861,921	3,424	1,160,437	295,092	121	65		56		18
34,188	107,331	244,205	1,348	34,061	4,294	485,175	11,431	1,140,728	644,122	203			203	3	19
37,346	101,153	204,793	800	28,012	18,018	967,220	8,563	2,123,847	1,148,064	324	216	10	98		20
112,354	74,943	299,877	3,221	73,616	6,020	834,772	31,830	1,797,457	930,855	379		133	246		21
655,070	529,477	547,471	33,439	244,987	59,954	3,129,309	22,801	11,306,769	8,154,650	708	115	209	384	3	22
397,837	611,976	454,205	185,489	185,489	35,525	2,506,099	12,876	5,511,092	2,991,517	483	135	4	342		23
12,400	10,675	27,590	8,367	8,367	1,151	45,737	1,343	128,074	80,934	28			28		24
314,960	374,743	1,608,880	61,997	146,463	3,149	718,981	57,299	3,686,064	2,909,784	464			456		25
104,230	90,024	402,375	32,777	44,968	2,337	536,289	10,738	1,605,760	1,058,733	190		8	173		26
66,778	144,345	291,274	3,523	87,280	6,493	1,901,137	25,638	3,203,040	1,275,265	771		17	235		27
28,390	64,628	103,598		23,393	2,028	659,091	15,126	1,005,275	331,058	208		387	149		28
38,388	79,717	187,676	3,523	63,887	4,465	1,242,046	11,512	2,197,765	944,207	563	332	15	210		29
16,160	20,999	202,821	350	17,765	184	500,414	3,101	856,498	352,983	74			30		30
34,140	34,609	117,354	2,500	19,485	25	189,966	5,361	465,147	269,820	95			91		31
45,933	47,256	145,436	3,100	29,034	1,801	562,913	9,106	947,412	375,393	404	300	20	84		32
12,760	65,425	324,796	19,995	32,593	38	1,002,553	5,892	1,741,724	733,279	118	80		38		33
3,419,813	4,221,206	14,295,626	7,031,865	2,223,308	113,662	14,846,485	665,545	62,731,477	47,219,447	16,748	1,282	807	14,658	844	34
2,266,057	1,734,768	13,523,102	955,393	1,825,154	63,953	11,797,774	624,650	40,212,103	27,789,679	15,860	902	807	14,151	744	35
176,115	201,177	582,141	220,917	68,892	12,888	1,190,630	30,322	2,998,211	1,777,259	813	380		432	100	36
977,641	2,285,261	190,383	5,855,555	329,262	36,821	1,858,081	10,573	19,521,163	17,652,509	75			75		37
187,629	436,746	304,007	673,437	129,110	7,044	576,056	10,029	3,609,422	3,023,337	305			305		38
6,821,899	18,341,810	11,444,355	2,447,500	2,025,015	306,150	26,445,838	536,775	107,795,051	80,812,438	16,853	2,995	29	13,829	2,145	39
2,571,319	9,315,371	10,167,950	830,028	995,990	225,282	17,594,601	467,157	56,167,648	38,105,890	14,914	2,995	13	11,901	2,145	40
431,470	1,142,181	1,131,204	304,712	234,817	18,305	1,814,074	65,405	6,689,284	4,809,805	1,795		11	1,784		41
3,819,110	7,884,258	145,201	1,312,760	794,208	62,563	7,037,163	4,213	44,938,119	37,896,743	144			144		42
4,964	6,555	76,228		14,878	94	149,931	1,536	284,065	132,598	103			97		43
17,502	9,925	51,082	10,178	12,392	369	118,422	1,792	285,459	165,245	21			11		44
29,750	20,054	108,772	13,314	8,923	888	252,504	1,513	533,932	279,915	47			27		45
26,030	27,678	132,731	3,377	21,103	812	378,398	2,005	680,984	300,581	41			28		46
5,202	14,416	128,551	239	36,176	1,786	322,025	4,661	652,717	326,031	51			41		47
5,993	18,209	120,064		26,771	1,610	1,208,986	21,046	1,631,709	401,677	394			384		48
	520	2,744		1,441		2,365	350	13,380	10,665	11			1		49
11,383	14,062	49,462	896	6,710	1,042	55,488	3,375	170,555	111,692	61			34		50
21,385	20,654	175,558	86,520	16,919	2,383	317,867	6,230	807,621	483,524	660	100	12	548		51
122,635	439,991	1,765,251	3,125,294	271,134	6,496	11,945,410	51,407	20,521,136	8,524,319	744	182	172	390	86	52
23,298	12,148	91,330	1,120	15,812	135	155,704	3,912	4,033,974	191,820	168	100	13	55		53
190,702	111,386	766,718	66,779	144,161	2,763	1,152,651	18,598	2,976,056	1,804,807	414			379		54
117,942	81,927	574,705	33,274	112,158	2,423	712,100	13,973	1,974,460	1,248,387	331			305		55
72,760	29,459	192,013	33,505	32,003	340	440,551	4,625	1,001,596	556,420	83			74		56
110,942	126,022	908,162	247,715	158,689	1,538	2,854,276	35,565	5,403,644	2,513,803	984	355	174	455	110	57
109,041	109,883	853,223	168,845	144,577	1,509	1,831,756	31,119	4,033,974	2,171,099	875	355	149	371	110	58
1,901	10,139	54,939	78,870	14,112	29	1,022,520	4,446	1,369,670	342,704	109			84		59
95,118	121,636	381,592	5,900	39,634	7,513	657,639	21,214	1,655,716	976,863	556	250	73	233	293	60
478,885	773,713	2,689,469	26,837	274,422	142,993	79,789,842	311,369	90,715,182	10,613,971	8,243	6,795	605	843	3,143	61
100,992	229,799	249,770		33,390	8,082	1,496,434	28,499	3,552,505	2,027,572	752	647	49	56	75	62
13,858	10,432	84,180	100	13,190	114	99,366	880	252,528	152,282	191			191		63

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.		
								Maximum month.	Minimum month.							

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

1	MANHATTAN BOROUGH—Contd.	18	375	8	28	22	8	309	Jy	346	Ja	267	317	227	90			\$934,093
2	Stamped and enameled ware, not elsewhere specified.	45	1,242	42	41	123	57	979	No	1,015	Au	897	979	418	543	6	12	1,149,585
3	Stationery goods, not elsewhere specified.	39	381	59	12	15	5	290	Se	323	My	260	325	325				387,375
4	Statuary and art goods.	36	871	9	51	188	44	579	Ja ^s	602	No	551	574	567	6	1		3,156,563
5	Steam fittings and steam and hot-water heating apparatus.	16	143	12	13	20	6	92	Mh	102	Au	71	86	85	1			236,213
6	Steam packing.	37	1,271	18	63	182	34	974	Fe	993	Se	950	951	929	12	10		1,304,110
7	Stereotyping and electrotyping.	6	148	7	5	12	8	116	Mh	132	De	100	114	110	1	3		290,404
8	Stoves, gas and oil.	147	1,923	134	117	147	28	1,497	Oc	1,778	Fe	1,173	1,663	1,656		7		1,767,479
9	Structural ironwork, not made in steel works or rolling mills.	44	287	33	29	14	31	180	My	195	Oc	170	180	72	107		1	287,889
10	Surgical appliances.	78	1,403	96	41	127	77	1,062	Jy	1,102	Ja	997	1,062	494	555	5	8	1,545,380
11	Suspenders, garters, and elastic woven goods.	28	1,400	23	46	92	20	1,219	Mh	1,284	Je	1,129	1,230	1,124	102	2	2	3,580,806
12	Tinware, not elsewhere specified.	35	157	34	6	3	1	113	Au	120	Oc	105	110	60	50			290,773
13	Tobacco, chewing and smoking, and snuff.	879	23,560	915	355	1,556	411	20,323					20,213	9,419	10,755	18	21	43,557,293
14	Tobacco, cigars and cigarettes.	754	17,261	811	248	807	215	15,180	Oc	15,676	Au	14,777	15,447	7,869	7,561	4	13	15,150,518
15	Cigars.	109	6,172	87	102	739	194	5,050	Ja	5,331	De	4,311	4,670	1,476	3,173	13	8	28,316,275
16	Cigarettes.	16	127	17	5	10	2	93	Au ^s	107	Se	59	96	74	21	1		90,500
17	Tools, not elsewhere specified.	33	175	26	18	10	4	117					129	120	8	1		201,489
18	Machinists' tools.	5	39	1	7	2	2	27	My	32	Se	23	27	27				41,121
19	All other.	28	136	25	11	8		90	De ^s	98	Je	82	102	93	8	1		160,368
20	Toys and games.	58	1,369	47	65	40	36	1,181	Se	1,679	Ja	678	1,129	688	412	7	22	769,434
21	Trunks and valises.	120	2,259	128	78	130	55	1,868	My	1,956	Ja	1,680	1,889	1,723	164	2		2,221,588
22	Typewriters and supplies.	37	887	24	47	93	54	669					748	691	46	10	1	1,723,501
23	Carbon paper.	5	114	4	11	19	13	67	Oc	72	Jy ^s	62	63	52	8	3		189,791
24	Typewriters, ribbons, and all other.	32	773	20	36	74	41	602	My	776	Oc	353	685	639	38	7	1	1,538,710
25	Umbrellas and canes.	120	1,700	145	54	157	61	1,283	Mh	1,433	No	1,106	1,274	683	558	31	2	1,788,047
26	Upholstering materials, not elsewhere specified.	4	196	4	10	16	6	160	No	188	Ap ^s	142	186	99	83		4	140,186
27	Varnishes.	11	114	15	14	16	14	55	Oc	59	Ja	50	57	55	2			299,817
28	Vault lights and ventilators.	6	82	5	4	8	3	62	No	70	My	54	67	67				64,598
29	Watch and clock materials.	5	13	4	1	1		7	(*)	7	(*)	7	7	7				16,673
30	Watchcases.	9	83	9	5	14	4	51	De ^s	56	Jy ^s	39	54	51	3			275,650
31	Window shades and fixtures.	60	331	61	14	36	19	201	Oc	239	Fe	178	207	146	60	1		721,437
32	Wirework.	41	617	49	28	32	15	493	Oc	546	Ap	466	437	456	30	1		326,844
33	Wood, turned and carved.	56	283	61	8	7	2	205	Oc	228	Ja	187	208	203	3	2		161,544
34	Wooden goods, not elsewhere specified.	13	122	15	6	11	6	84	Jy	99	No	61	72	48	18		6	218,343
35	All other industries*.	495	21,303	402	770	3,813	1,259	15,059					15,240	11,451	3,742	20	27	124,287,736

* All other industries embrace—

Aeroplanes and parts.	1	Candles.	1	Cotton lace.	2	Gas, illuminating and heating.	6
Aluminum ware.	1	Cardboard, not made in paper mills.	2	Cotton small wares.	3	Glucose and starch.	1
Artificial limbs.	8	Carpets and rugs, other than rag.	1	Dairymen's, poultrymen's, and apirists' supplies.	1	Glue, not elsewhere specified.	3
Asbestos products, not including steam packing.	3	Carpets, rag.	4	Drug grinding.	5	Gold and silver, reducing and refining, not from the ore.	11
Bags, paper, not including bags made in paper mills.	6	Cars and general shop construction and repairs by steam-railroad companies.	4	Emery and other abrasive wheels.	2	Grease and tallow, not including lubricating greases.	1
Belt and hose, woven.	2	Cheese.	2	Enameling.	10	Hats, straw.	69
Billiard tables and materials.	13	China decorating, not including that done in potteries.	7	Engines, steam, gas, and water.	2	Hats, wool-felt.	2
Bluing.	2	Chocolate and cocoa products.	3	Engravers' materials.	2	Horseshoes, not made in steel works or rolling mills.	7
Boots and shoes, rubber.	1	Clocks.	2	Envelopes.	11	Ink, writing.	2
Brick and tile, terra-cotta, and fire-clay products.	1	Clothing, sponging and refinishing.	21	Fire extinguishers, chemical.	4	Iron and steel, bolts, nuts, washers, and rivets.	2
Butter, reworking.	1	Clothing, horse.	4	Flour-mill and gristmill products.	3		
		Cordage and twine.	1	Fuel, manufactured.	1		
				Galvanizing.	1		

1	QUEENS BOROUGH—All industries	975	37,201	845	967	2,942	817	31,630	My	32,842	De	30,702	31,986	26,100	5,589	113	184	\$187,989,531
2	Artificial stone products.	7	22	4	2			16	Se ^s	22	Fe	7	22	22				18,320
3	Automobile bodies and parts.	6	654	3	20	51	12	568	De	608	Jy	533	571	568	3			1,872,674
4	Automobile repairing.	67	666	63	14	121	2	466	Se	525	Fe	394	418	418				987,269
5	Brass, bronze, and copper products.	5	81	4	1	4	2	70	Ap	79	De	56	61	61				152,695
6	Bread and other bakery products.	182	1,685	187	35	142	40	1,281	No	2,130	Ja	905	2,052	1,386	658	7	1	4,388,326
7	Buttons.	13	598	19	9	28	6	536	Ja	666	Jy	343	525	230	291	2	2	695,005
8	Carriages and wagons and materials.	24	164	31	1	6		126	My ^s	135	No ^s	116	130	130				357,874
9	Dyeing and finishing textiles.	4	156	2	4	12	3	135	My	147	No ^s	125	126	109	17			306,941
10	Dyestuffs and extracts.	3	111	1	11	11	2	86	Oc	124	Jy	66	123	123				388,143
11	Foundry and machine-shop products.	31	883	16	41	60	58	708					845	842	3			12,460,044
12	Boiler shops and foundries.	4	172	2	8	5	2	155	Ap	204	No	94	177	176	1			168,329
13	Machine shops.	27	711	14	33	55	56	553	De	653	No	464	668	666	2			12,291,715

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$49,990	\$23,671	\$165,455	\$4,547	\$33,203	\$2,987	\$334,412	\$11,307	\$639,666	\$293,947	260	60	58	142	1
95,242	197,952	454,686	9,894	75,082	3,411	1,556,900	13,848	2,781,607	1,210,859	410	165	38	207	2
27,183	12,608	279,453	7,107	31,306	1,150	114,991	4,510	606,915	487,414	23			23	3
205,908	252,944	420,947	13,272	88,593	5,622	2,205,831	38,538	3,995,691	1,751,322	1,161	800	82	279	4
35,630	20,474	64,312	690	10,521	1,019	107,297	5,731	318,935	205,907	130	10	59	61	5
164,661	182,851	978,130	29,278	110,744	2,870	635,088	80,692	2,507,722	1,791,942	1,481	143	143	1,338	6
8,572	16,746	65,573	1,000	13,520	530	263,981	4,548	476,559	208,030	130		15	115	7
192,418	148,462	915,582	99,260	136,346	7,752	1,632,684	38,128	3,677,721	2,006,909	1,171	250	416	505	8
61,542	26,823	107,613	2,725	31,537	906	185,884	3,441	537,330	348,005	47			47	9
87,083	149,714	494,691	64,612	85,473	601	2,903,178	11,398	4,329,118	1,414,542	122			122	10
103,891	97,267	604,852	71,000	75,151	8,218	1,619,667	38,485	3,120,648	1,462,496	1,110	810	87	213	11
18,700	3,320	42,874	900	15,189	33,548	301,993	2,225	501,021	196,803	196	50	1	145	12
1,014,899	2,342,775	9,501,499	89,687	658,173	9,592,560	27,425,831	86,793	61,591,289	34,078,665	2,468	1,550	135	783	13
617,583	1,067,908	7,647,119	82,015	492,351	1,986,040	11,696,458	47,355	28,308,944	16,565,131	1,211	775	135	301	14
390,836	1,268,767	1,822,898	7,672	157,700	7,595,744	15,644,818	38,800	33,075,988	17,392,370	1,253	775		478	15
6,480	6,100	31,482		8,122	10,776	84,555	638	206,357	121,164	4			4	16
16,750	7,600	67,780	75	18,280	289	145,745	4,284	347,753	197,724	100		48	52	17
5,080	1,516	12,874		3,045		10,249	1,109	43,409	32,051	27		24	3	18
11,670	6,084	54,906	75	15,235	289	135,496	3,175	304,344	165,673	73		24	49	19
107,457	55,869	556,967	7,604	77,885	1,121	1,015,607	16,171	2,358,474	1,326,696	277		56	221	20
164,013	162,108	1,086,644	2,064	173,117	2,273	3,321,443	25,776	5,723,227	2,376,008	439	160	24	255	21
115,898	103,276	384,656	15	41,988	7,240	691,594	9,977	1,986,231	1,284,710	406	300		106	22
24,660	31,161	38,671		9,578	135	186,720	1,900	366,430	177,810	47			47	23
91,238	72,115	346,285	15	32,410	7,105	504,874	8,077	1,619,851	1,100,900	359	300		59	24
125,160	188,968	705,822	18,472	152,784	1,085	3,000,237	28,859	4,939,206	1,910,610	288		41	247	25
28,829	21,261	70,758	500	18,750	342	107,810	1,603	319,114	209,801	28			28	26
28,282	18,773	35,264		13,760	664	406,478	6,966	553,289	139,845	171	25		146	27
11,930	6,659	36,947	7,787	6,970	3	122,236	362	223,972	101,374	27		2	25	28
2,600	520	4,380	100	2,131	42	10,541	232	27,213	16,440	6			6	29
18,600	20,061	41,254	35,240	8,614	120	66,403	2,814	242,791	174,074	36			36	30
22,743	40,687	112,392	4,024	42,365	623	1,330,269	2,889	1,745,825	412,717	52		2	50	31
45,761	49,715	201,965	1,785	39,096	1,700	531,269	13,498	1,083,592	538,825	318	15	113	190	32
9,200	5,436	133,875	2,171	29,778	15	136,879	10,741	454,202	306,582	369	70	217	82	33
8,696	15,597	35,906		12,882	524	154,192	1,305	271,033	115,536	65			65	34
2,245,781	3,563,808	9,067,519	411,888	1,062,140	1,222,510	38,753,806	3,215,017	75,891,588	33,922,765	23,834	19,175	1,565	3,094	35

Iron and steel, doors and shutters.....	8	Minerals and earths, ground.....	4	Rules, ivory and wood.....	3	Washing machines and clothes wring-ers	1
Iron and steel forgings.....	1	Motorcycles, bicycles, and parts.....	1	Scales and balances.....	6	Whalebone cutting.....	1
Iron and steel, wrought pipe.....	1	Musical instruments, organs.....	3	Smelting and refining, not from the ore.....	2	Whips.....	2
Japanning.....	8	Oil, essential.....	2	Soda-water apparatus.....	21	Window and door screens and weather strips.....	4
Labels and tags.....	30	Paper patterns.....	11	Springs, steel, car and carriage, not made in steel works or rolling mills.....	6	Wire.....	1
Lasts.....	5	Paving materials.....	1	Stencils and brands.....	16	Wood carpet.....	4
Leather, tanned, curried, and finished	6	Pencils, lead.....	3	Stoves and hot-air furnaces.....	4	Worsted goods.....	1
Liquors, distilled.....	4	Pens, fountain and stylographic.....	20	Theatrical scenery.....	2		
Liquors, vinous.....	5	Pens, gold.....	7	Tin foil.....	3		
Lubricating greases.....	8	Photographic materials.....	9	Type founding.....	2		
Lumber and timber products.....	2	Poultry, killing and dressing.....	1	Wall paper, not made in paper mills.....	2		
Malt.....	1	Printing materials.....	16	Wall plaster.....	1		
Mats and matting, from cocoa fiber and grass.....	1	Pumps, not including power pumps.....	3				
		Pumps, steam and other power.....	3				

\$2,951,618	\$3,748,639	\$19,049,555	\$772,734	\$768,757	\$1,864,824	\$112,433,754	\$6,324,935	\$164,789,481	\$46,030,792	70,413	56,627	3,088	10	10,688	17,561	1
1,350		8,953	1,350	1,515	100	12,718	232	34,412	21,462	7		4		3		2
67,739	71,910	430,396	370	18,403	15,144	283,120	13,876	952,181	655,185	744	600			144	700	3
42,485	100,312	436,573	200	71,033	6,030	536,770	22,490	1,421,242	861,982	621		35		586		4
1,560	5,911	46,795		1,920	650	112,541	5,922	235,330	116,867	52	15			37		5
41,830	62,474	854,289	1,040	182,164	16,514	2,282,482	99,418	4,250,615	1,868,715	2,817	2,345	123	349	1,607		6
24,255	29,788	195,698	17,150	8,374	2,161	273,911	10,725	665,831	381,195	516	300	114		102	20	7
1,000	4,525	93,227	1,350	1,680	3,127	114,580	4,071	281,987	163,336	231	40	136		55	1	8
10,380	11,182	75,509	6,906		1,263	75,430	8,046	218,890	134,814	151	127	6		18		9
40,900	14,500	61,272		2,000	3,667	352,042	17,456	556,091	186,593	450	450					10
86,128	88,646	512,684	4,801	42,524	16,038	622,987	27,212	1,614,657	964,458	1,054	75	482		497	347	11
19,514	5,449	125,637	4,801	7,865	1,520	52,196	7,617	238,430	178,617	248		60		188		12
66,614	83,197	387,047		34,659	14,518	570,791	19,595	1,376,227	785,841	806	75	422		309	347	13

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
				Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
							Maximum month.	Minimum month.						

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

QUEENS BOROUGH—Continued.																
No.	Industry	Ests.	Total	Proprietors	Clerks Male	Clerks Female	Average	Wage Earners	Wage Earners	Wage Earners	Total	16 and over Male	16 and over Female	Under 16 Male	Under 16 Female	Capital
1	Furs, dressed	3	55	3	4	2	2	44	Je	48	Ja	41	44	44		\$102,671
2	Glass	4	449		12	13	3	421	Je	595	Jy	145	350	347	3	1,128,035
3	Class, cutting, staining, and ornamenting.	7	36	9	4	2		21	Oc	32	Fe	11	29	29	6	56,575
4	Hosiery and knit goods	13	653	15	15	83	35	505	My	557	Je	340	450	135	284	932,567
5	Ice, manufactured	12	171	6	16	3		146	Jy	235	Fe	79	208	208		1,383,824
6	Leather goods, not elsewhere specified.	6	190	5	6	23	7	149	De	160	Ja	134	159	113	43	277,325
7	Lumber, planing-mill products, not including planing mills connected with sawmills.	23	872	10	47	53	12	750	Se	852	Fe	682	716	715	1	1,553,530
8	Marble and stone work	67	972	65	53	65	9	780	Oc	855	Fe	628	785	785		2,075,040
9	Mineral and soda waters	17	50	18	1	2		29	Au	40	Fe	23	25	25		113,472
10	Paints	8	405	3	20	76	12	294	Mh	307	De	265	263	258	4	3,314,021
11	Printing and publishing, book and job.	21	61	20	2	2		35	Au	41	Mh	31	36	32	2	87,060
12	Printing and publishing, newspapers and periodicals.	24	216	16	19	17	8	156					163	152	7	434,824
13	Printing and publishing and job printing.	20	213	14	18	17	8	156	Se	161	Ja	149	163	152	7	432,024
14	Publishing without printing.	4	3	2	1											2,800
15	Sausage, not made in slaughtering and meat-packing establishments.	6	27	8				19	Fe	20	Je	18	19	19		66,250
16	Shipbuilding, wooden, including boat building.	14	325	16	10	12	3	284	My	372	De	208	209	209		766,840
17	Shirts	5	283	8				275	Ja	280	De	266	266	22	220	31,104
18	Silk goods, including throwsters	15	2,081	8	25	95	27	1,926	My	2,045	De	1,584	1,653	751	829	4,061,877
19	Slaughtering and meat packing.	3	11	2	1			7	Mh	8	Jy	3	8	8		13,450
20	Stamped and enameled ware, not elsewhere specified.	6	2,739	1	24	206	46	2,462	Mh	2,723	Au	2,255	2,311	2,010	275	5,454,670
21	Tobacco, cigars and cigarettes	115	874	117	8	21	1	727	Oc	777	Fe	675	781	347	434	1,259,271
22	All other industries *	264	21,711	185	562	1,832	524	18,608					18,632	16,002	2,516	143,240,225

*All other industries embrace—

Automobiles	1	Cars and general shop construction and repairs by electric-railroad companies	2	Cooperage	2	Gas, illuminating and heating	7
Awnings, tents, and sails	4			Copper, tin, and sheet-iron work	18	Gas machines and gas and water meters	1
Babbitt metal and solder	1			Cordage and twine	1	Gold and silver, leaf and foil	1
Bags, paper, not including bags made in paper mills	3	Cars and general shop construction and repairs by steam-railroad companies	2	Cotton small wares	1	Grease and tallow, not including lubricating greases	3
Baskets and rattan and willow ware	1			Druggists' preparations	1	Hardware	2
Billiard tables and materials	1	Chemicals	3	Electrical machinery, apparatus, and supplies	3	Hats and caps, other than felt, straw, and wool	1
Blacking, stains, and dressings	1	Cleansing and polishing preparations	1	Engines, steam, gas, and water	1	Ink, printing	2
Bookbinding and blank-book making	3	Clothing, men's	4	Engraving and die-sinking	1	Instruments, professional and scientific	1
Boots and shoes, not including rubber boots and shoes	1	Clothing, women's	13	Fancy articles, not elsewhere specified	1	Iron and steel, doors and shutters	1
Boxes, fancy and paper	2	Coffins, burial cases, and undertakers' goods	1	Files	1	Iron and steel forgings	1
Boxes, wooden packing	1	Combs and hairpins, not made from metal or rubber	1	Food preparations, not elsewhere specified	1	Iron and steel, wrought pipe	1
Brushes	2	Confectionery and ice cream	9	Furniture	3		
Carpets and rugs, other than rag	1			Gas and electric fixtures	1		

RICHMOND BOROUGH—All industries.																
No.	Industry	Ests.	Total	Proprietors	Clerks Male	Clerks Female	Average	Wage Earners	Wage Earners	Wage Earners	Total	16 and over Male	16 and over Female	Under 16 Male	Under 16 Female	Capital
1	Automobile repairing	13	27	11				16	Se	18	No	15	18	18		6,890
2	Bread and other bakery products	42	235	44	2			185	Jy	189	Fe	182	184	165	19	274,710
3	Carriages and wagons and materials	10	42	11				31	Jy	34	De	29	30	30		43,722
4	Copper, tin, and sheet-iron work	7	32	7	1			24	Se	27	Fe	13	26	26		30,176
5	Foundry and machine-shop products	15	546	13	21	87	17	408	Ap	500	Ja	322	422	415	6	1,794,083
6	Ice, manufactured	4	34	3	8	1		22	Jy	38	Fe	10	22	22		278,776
7	Mineral and soda waters	4	20	4				16	Jy	18	De	15	15	15		54,594
8	Marble and stone work	3	18	7				11	Jy	13	De	9	10	10		23,856
9	Paint and varnish	6	779		52	127	47	553	Ap	583	De	525	525	466	56	4,138,039
10	Printing and publishing, book and job.	7	30	7	2			21	Ja	23	Je	20	21	19		35,243
11	Printing and publishing, newspapers and periodicals.	8	63	7	3	5	5	43	Ap	45	Je	42	42	40	1	91,264
12	Shipbuilding, wooden, including boat building.	8	254	8	9	6		231	Je	307	De	174	179	179		555,342
13	Tobacco, cigars and cigarettes	13	23	13				10	(*)	10	(*)	10	10	8	2	22,868
14	All other industries *	52	6,563	29	120	436	70	5,908					6,051	5,266	763	30,599,495

*All other industries embrace—

Artificial flowers	2	Chemicals	2	Fireworks	1	Lumber and timber products	1
Awnings, tents, and sails	2	Clothing, women's	1	Flags and banners	1	Lumber, planing-mill products, not including planing mills connected with sawmills	2
Brick and tile	4	Confectionery	1	Furniture	1	Millinery and lace goods	3
Canning and preserving, fruits and vegetables	1	Cotton goods	1	Gas, illuminating and heating	1		
Cars and general shop construction and repairs by electric-railroad companies	2	Dental goods	1	Gold and silver, leaf and foil	1		
		Fancy articles, not elsewhere specified	1	Jewelry and instrument cases	1		
			1	Liquors, malt	2		

* Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

\$14,560	\$2,392	\$24,487	\$2,191	\$5,500	\$12	\$24,164	\$3,120	\$92,611	\$65,327	124	80			44	1
37,818	15,140	290,496	14,332	450	7,794	141,976	65,833	741,611	533,802	350	250	100		160	2
7,307	1,816	16,017		1,228	260	15,806	1,869	48,199	30,524	21	16			5	3
41,300	108,352	240,060	64,760	5,596	2,121	560,742	8,625	1,192,148	622,781	132	80	7		45	4
30,273	1,692	117,624	240	2,375	13,584	82,208	117,772	519,361	319,381	3,950	3,940	10		246	5
11,639	23,702	83,550	219	5,894	2,005	239,229	4,644	441,728	197,855	58		27		31	6
113,173	76,711	556,588	30,287	27,041	6,741	1,101,165	21,012	2,088,083	965,906	2,225	1,495	182		548	7
160,793	72,574	738,554	74,073	65,473	12,325	881,478	47,826	2,354,476	1,425,172	3,541	2,470	348		723	8
1,345	2,600	19,405		4,704	1,141	39,187	1,709	107,776	66,880	34		3		28	9
75,263	131,589	162,651	425	5,780	13,513	1,320,073	38,491	2,330,022	971,458	1,533	1,100	66		400	10
3,900	1,928	19,674		6,112	183	28,525	1,807	95,560	65,228	57	6	27		24	11
35,249	20,737	128,273	19,543	7,230	2,644	98,288	7,046	426,301	320,967	165		22		143	12
32,180	20,737	128,273	2,020	6,890	2,628	98,288	7,046	404,023	298,689	165		22		143	13
3,009			17,523	340	16			22,278	22,278						14
		16,848		600	513	115,800	2,651	174,108	55,657	79				79	15
23,793	18,788	182,023		10,414	5,427	205,206	5,437	512,158	301,515	532	175	230		127	16
		88,541		2,050	133	9,735	3,161	121,587	108,691	39		10		29	17
87,766	131,700	947,492	192,134	36,981	10,405	3,466,448	31,348	5,793,100	2,295,304	940	612	62		206	18
2,000	300	6,216		1,250	152	20,300	444	35,440	14,696	8				8	19
114,698	239,871	1,224,427	3,530	16,500	24,394	2,482,903	170,770	5,339,263	2,685,584	2,019	1,765			284	20
26,283	53,903	468,783	209	11,808	383,941	612,777	5,550	1,897,904	1,279,577	147	132			15	21
1,816,891	2,455,596	11,002,450	337,624	221,058	1,312,842	96,321,163	5,575,766	130,246,809	28,349,880	47,816	40,554	1,134		6,128	22

Jewelry.....	2	Musical instruments, pianos.....	3	Rubber goods, not elsewhere specified.	5	Toys and games.....	2
Jewelry and instrument cases.....	1	Musical instruments, piano and organ materials.....	2	Saddlery and harness.....	8	Type founding.....	1
Leather, tanned, curried, and finished.	1	Paper and wood pulp.....	1	Signs and advertising novelties.....	7	Umbrellas and canes.....	1
Liquors, malt.....	3	Paper goods, not elsewhere specified.....	2	Smelting and refining, copper.....	2	Varnishes.....	9
Locomotives, not made by railroad companies.....	1	Patent medicines and compounds.....	8	Soap.....	1	Vault lights and ventilators.....	1
Lubricating greases.....	1	Paving materials.....	1	Statuary and art goods.....	4	Wall plaster.....	2
Lumber and timber products.....	1	Perfumery and cosmetics.....	2	Steam fittings and steam and hot-water heating apparatus.....	1	Window and door screens and weather strips.....	2
Malt.....	1	Petroleum, refining.....	1	Steam packing.....	2	Window shades and fixtures.....	2
Matches.....	1	Photographic apparatus.....	1	Structural ironwork, not made in steel works or rolling mills.....	19	Wirework.....	3
Mattresses and spring beds.....	2	Pickles, preserves, and sauces.....	2	Sugar, refining.....	1	Wood preserving.....	1
Millinery and lace goods.....	1	Pipes, tobacco.....	2	Surgical appliances.....	1	Wooden goods, not elsewhere specified	1
Mirrors, framed and unframed.....	1	Plumbers' supplies, not elsewhere specified.....	1	Tinware, not elsewhere specified.....	3		
Musical instruments and materials, not specified.....	2	Pottery.....	1	Tools, not elsewhere specified.....	3		

\$838,998	\$921,126	\$4,684,703	\$48,604	\$98,499	\$447,760	\$22,754,855	\$757,901	\$34,887,236	\$11,374,480	20,207	18,304	716	6	1,181	6,552	1
		20,076		2,205		11,175	1,659	49,970	37,136	57				57		2
4,160	3,347	122,898	500	17,136	2,084	421,442	16,345	696,402	258,615	87		10		77		3
		22,079	368	2,380	364	20,415	1,527	65,550	43,608	42		5		37		4
2,600		17,865		2,634	15	25,744	723	53,873	27,406	32				32		5
47,037	89,808	309,195	1,200	12,936	6,029	471,431	20,839	1,114,186	621,916	620	330	53		237		6
4,240	5,573	16,772	1,150	3,250		16,818	14,726	70,908	39,364	530	524	6				7
		10,652	600	300	351	14,303	573	39,478	24,602	21	11	3		7		8
		8,527	3,531	320	128	12,001	54	36,602	24,547							9
180,948	228,706	345,413		12,864	21,314	2,101,857	59,507	3,914,016	1,752,652	1,872	1,525	334		13	1,045	10
	3,766	11,203		952	114	17,216	653	58,361	40,492	22				22		11
	5,977	35,676		1,847	329	19,269	1,934	123,068	101,865	65		3		62		12
15,424	6,302	133,828	2,560	2,375	3,022	201,230	4,957	489,481	283,294	632	581	14		37		13
		5,005		984	2,946	7,961	174	26,263	18,128							14
578,612	574,205	3,625,514	38,695	41,566	407,814	19,413,993	634,230	28,149,078	8,100,855	16,227	15,333	294		600	5,228	15

Mucilage and paste.....	1	Paving materials.....	1	Smelting and refining, not from the ore.....	1	Tobacco, chewing and smoking, and snuff.....	1
Oil, linned.....	1	Rubber goods, not elsewhere specified	2	Soap.....	1	Tools, not elsewhere specified.....	1
Oilcloth and linoleum, floor.....	1	Saddlery and harness.....	1	Statuary and art goods.....	1	Typewriters and supplies.....	1
Optical goods.....	1	Shipbuilding, iron and steel.....	1	Structural ironwork, not made in steel works or rolling mills.....	1	Wall plaster.....	1
Paper goods, not elsewhere specified.....	1	Signs and advertising novelties.....	2				
		Silk goods, including throwsters.....	1				

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.	Female.			
								Maximum month.	Minimum month.								
1 ROCHESTER—All industries . . .	1,244	53,603	1,013	1,748	4,103	2,626	44,113	Fe	45,703	No	41,001	43,839	29,949	13,168	431	301	\$127,488,559
2 Artificial stone products	9	109	6	5	4	2	92	Je	122	Mh	61	96	96				185,207
3 Automobile bodies and parts	4	171	2	10	10	10	139	Au	160	Ja	100	142	140		2		152,540
4 Automobile repairing	4	53	2	1	2	1	47	Fe	53	Au ³	42	45	45				22,042
5 Awnings, tents, and sails	4	81	2	4	10	6	59	Je	90	Oc ³	44	52	41	6		5	153,193
6 Baking powders and yeast	4	6	4				2	(⁴)	2	(⁴)	2	3	3				10,748
7 Baskets, and rattan and willow ware	5	21	3	1			17	Au	20	Mh ³	14	20	19	1			34,040
8 Boots and shoes	40	6,301	29	157	243	233	5,639	Ja ³	6,050	Ap	5,089	5,737	3,201	2,304	120	112	7,137,060
9 Boxes and cartons, paper	19	899	9	24	21	23	822	Ja ³	856	Jy	750	851	279	546	1	25	1,038,952
10 Brass and bronze products	7	131	2	15	3	5	106	Jy	125	No	86	103	102				307,074
11 Bread and other bakery products	136	966	142	19	74	47	684	Je	697	Ja	675	687	594	64	20		1,211,896
12 Buttons	4	1,282		15	11	30	1,076	Fe	1,183	Au	949	995	546	437	1	11	1,928,661
13 Carriages and wagons and materials	18	143	19	1	2		121	My	134	Ja	104	118	118				191,803
14 China decorating, not including that done in potteries	3	10	4				6	Jy ³	8	Ja	2	5		5			4,050
15 Cleansing and polishing preparations	5	15	2	6	2	1	4	Fe ³	5	Ja ³	3	5	3	2			21,598
16 Clothing, men's	148	9,424	177	117	398	147	8,585					8,671	4,124	4,419	33	95	10,831,814
17 Regular factories	28	6,073	44	105	387	139	5,398	Fe	5,838	No	3,968	5,285	2,893	2,335	21	36	10,428,892
18 Contract work	120	3,351	133	12	11	8	3,187	Fe	3,506	No	2,665	3,386	1,231	2,084	12	59	405,952
19 Clothing, men's, buttonholes	3	9	3				6	Mh	8	Oc ³	4	6	4	1	1		1,075
20 Clothing, women's	5	68	6	2	2	6	52	Au	61	De	39	40	4	1			30,931
21 Coffee, roasting and grinding	4	19	1	6	1	1	10	(⁴)	10	(⁴)	10	10	7	39			31,284
22 Confectionery and ice cream	29	612	20	33	35	33	491					639	305	326		8	1,323,755
23 Confectionery	12	370	8	12	25	12	313	Oc	385	Ja	258	354	169	185			492,478
24 Chewing gum	6	148	2	11	5	16	114	Oc	135	Ja	70	199	51	140		8	675,635
25 Ice cream	11	94	10	10	5	5	64	Jy	104	De	38	86	85	1			155,742
26 Copper, tin, and sheet-iron work	17	224	11	18	10	7	178	My	194	Ja	159	167	166	1			511,315
27 Electrical machinery, apparatus, and supplies	7	1,197	2	29	127	62	977	Oc	1,051	My	921	1,004	913	80	11		2,840,022
28 Electroplating	7	35	4	5			26	Ap	29	Se ³	24	25	23		2		17,340
29 Engines, steam, gas, and water	5	21	8	2		2	9	Ja	13	Ap ³	7	7	6	1			62,848
30 Engraving, steel and copper plate, including plate printing	5	23	7				16	Ap	19	Jy ³	14	16	5	11			11,357
31 Flavoring extracts	8	23	7	3	2	7	4	Mh ³	5	Jy ³	3	5	3	1	1		10,641
32 Flour-mill and gristmill products	10	174	5	18	15	8	128	Mh	134	Ap ³	123	129	129				1,238,179
33 Food preparations, not elsewhere specified	9	61	14	1	4	3	39	Se	46	Ja	20	46	27	17		2	82,086
34 Foundry and machine-shop products	71	2,587	32	108	169	291	1,987					1,925	1,914	10	1		6,203,109
35 Boiler shops and foundries	5	232		12	9	2	209	Mh	220	Au	194	213	213				528,440
36 Machine shops	66	2,355	32	96	160	289	1,778	Ap	1,949	Se	1,530	1,712	1,701	10	1		5,764,759
37 Fur goods	6	112	5	9	1	4	93	De	147	My	74	146	59	85	1	1	153,285
38 Furnishing goods, men's	5	270	7	8	26	10	219	Mh	257	My	184	234	59	172	2	1	343,046
39 Furniture	29	2,072	17	96	173	75	1,711					1,702	1,610	85	7		3,678,669
40 Wood, including store and office fixtures	26	2,035	16	91	172	73	1,683	Mh	1,766	De	1,006	1,675	1,683	85	7		3,627,261
41 Rattan, willow, and metal	3	37	1	5	1	2	28	Mh ³	33	De	18	27	27				51,408
42 Glass, cutting, staining, and ornamenting	8	116	6	3	10	5	92	Oc ³	100	Jy	81	101	96	2	3		240,748
43 Hardware	8	259	6	13	11	4	225	Mh	242	Oc ³	215	217	213	2	2		475,617
44 Hats and caps, other than felt, straw, and wool	6	18	7		1		10	Ap ³	12	De	5	10	8	2			16,287
45 Jewelry	10	63	9	1	3	5	45	De	55	Fe ³	43	51	44	2	5		50,455
46 Lamps and reflectors	6	377	1	12	13	9	342	Ap	456	De	232	232	224	8			1,051,012
47 Liquors, malt	8	628	1	29	81	9	508	Je	545	De	475	481	481				6,418,014
48 Looking-glass and picture frames	6	113	7	5	3	2	96	Se	109	De ³	80	80	76	3	1		138,097
49 Lumber and timber products	27	978	21	58	39	15	845	Se	913	My	782	847	847				2,763,271
50 Marble and stone work	8	96	13	8	10	2	63	Je	79	Mh	43	69	69				147,073
51 Mattresses and spring beds	6	47	5	2	1	2	37	Je	50	Ja	15	40	31	9			76,759
52 Mineral and soda waters	16	84	17	4	3	1	59	Jy	80	De	47	54	52		2		182,955
53 Models and patterns, not including paper patterns	7	33	7	1	2	1	22	No ³	24	Ja ³	20	23	22	1			14,870
54 Patent medicines and compounds	23	127	13	22	43	23	26	Oc	31	Ja ³	24	29	18	11			214,302
55 Perfumery and cosmetics	7	87	7	6	19	9	46	Oc	67	Ja	37	43	12	31			289,636
56 Photo-engraving	3	39	4	3		2	30	Jy ³	31	Ja ³	29	31	26	4	1		47,287
57 Photographic apparatus	7	641	1	15	21	16	588	Ap	645	No	516	522	432	73	12	5	888,634
58 Printing and publishing, book and job	82	825	73	46	40	48	618					632	461	150	19	2	1,242,026
59 Job printing	78	777	67	45	21	34	610	Ap	628	Au	590	621	451	149	19	2	1,165,376
60 Book printing and publishing and linotype work and typesetting	4	48	6	1	19	14	8	Fe ³	13	Oc ³	4	11	10	1			76,650
61 Printing and publishing, newspapers and periodicals	27	1,212	5	62	336	218	591					591	518	68	4	1	2,937,596
62 Printing and publishing, and job printing	13	907	3	32	227	54	591	Mh	602	Jy	582	591	518	68	4	1	1,292,924
63 Publishing only	14	305	2	30	109	164											1,644,672

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$4,496,006	\$7,997,949	\$26,599,508	\$2,473,052	\$828,673	\$1,497,252	\$56,859,935	\$1,669,614	\$140,696,682	\$32,167,133	57,565	34,985	1,201	1,556	19,823	17,425	1
3,928	8,302	65,276	5,475	438	624	95,084	3,052	224,601	126,465	93	.....	.....	.....	93	.....	2
28,680	16,568	92,857	348	2,120	1391	194,437	3,673	402,938	204,828	67	.....	.....	.....	67	.....	3
3,600	3,160	28,699	.....	4,800	36	22,183	2,367	69,073	44,523	66	.....	5	.....	61	.....	4
5,534	13,511	35,993	.....	3,178	987	69,780	973	156,895	86,142	12	.....	.....	.....	12	.....	5
.....	.....	1,225	.....	855	75	6,194	47	12,119	5,888	5	.....	.....	.....	5	.....	6
1,500	.....	10,256	530	1,108	136	17,902	198	46,869	28,769	8	.....	.....	.....	8	.....	7
350,787	602,166	3,073,878	2,788	73,544	34,597	7,371,542	62,596	13,519,755	6,085,617	2,639	1,015	36	.....	1,588	967	8
69,402	32,672	380,140	8,191	28,589	5,669	572,919	14,667	1,268,434	680,898	763	150	31	.....	582	94	9
31,519	5,376	64,757	.....	3,011	1,685	286,404	8,954	430,332	134,074	148	106	.....	.....	42	25	10
40,629	87,841	449,773	.....	41,736	8,155	1,586,815	64,045	2,718,449	1,067,589	667	41	3	.....	623	.....	11
42,258	212,558	570,732	.....	14,636	8,532	416,129	28,846	1,639,986	1,195,011	1,267	650	35	.....	582	.....	12
1,500	1,560	99,177	4,333	7,010	1,568	69,828	4,936	225,867	151,103	106	.....	6	.....	100	.....	13
.....	.....	1,649	213	1,114	.....	3,924	502	11,332	6,896	.....	.....	.....	.....	.....	.....	14
5,886	2,652	2,042	3,350	2,046	8	15,933	117	41,490	25,440	7	.....	.....	.....	7	.....	15
413,574	853,713	4,025,597	2,026,060	96,324	30,934	8,662,469	61,375	19,760,253	11,036,409	1,235	455	5	.....	775	127	16
393,833	840,435	3,165,745	1,981,939	84,654	26,292	8,649,381	31,920	17,873,439	9,191,638	996	455	5	.....	536	127	17
19,741	13,278	1,459,253	44,121	11,070	4,642	12,588	29,455	1,886,814	1,844,771	239	.....	.....	.....	239	.....	18
.....	.....	2,368	.....	252	10	256	173	4,200	3,771	2	.....	.....	.....	2	1	19
2,180	6,537	12,098	574	1,988	40	36,008	242	67,842	31,592	6	.....	.....	.....	6	.....	20
6,592	548	8,998	.....	2,786	30	90,294	1,649	128,834	36,891	37	.....	.....	.....	37	.....	21
69,401	72,079	243,623	115	38,163	14,523	843,740	30,079	1,897,348	1,023,529	741	130	51	.....	560	.....	22
31,876	54,853	139,174	115	14,694	3,329	394,073	13,446	879,998	472,479	300	90	.....	.....	210	.....	23
20,625	10,226	59,944	.....	15,844	10,253	271,644	5,337	618,631	341,650	250	.....	.....	.....	250	.....	24
16,700	7,000	44,505	.....	7,725	941	178,023	11,296	398,719	209,400	191	40	51	.....	100	.....	25
28,545	11,324	131,184	9,525	5,880	2,106	200,350	2,764	475,761	272,647	195	12	45	20	118	.....	26
86,138	225,951	649,157	4,287	43,667	4,850	725,953	34,032	2,458,936	1,698,951	1,513	200	.....	.....	1,813	55	27
5,800	.....	17,672	.....	4,026	613	6,272	1,589	42,851	34,990	43	.....	15	.....	28	.....	28
1,934	752	5,898	150	1,278	275	14,992	945	32,274	16,337	30	.....	12	.....	18	.....	29
.....	.....	10,000	.....	844	24	3,973	309	25,100	20,818	7	.....	.....	.....	7	.....	30
4,500	4,987	1,862	.....	1,010	70	9,110	36	32,467	23,321	.....	.....	.....	.....	.....	.....	31
40,198	19,010	98,253	8,420	945	6,335	3,767,803	27,991	4,351,542	556,348	2,637	1,215	40	1,150	232	106	32
1,300	4,595	18,371	1,160	3,051	566	100,230	3,994	176,589	72,365	101	.....	.....	.....	101	.....	33
270,490	1,459,590	1,487,037	17,110	59,160	53,491	1,511,693	85,737	6,586,267	4,988,837	3,665	2,140	230	50	1,245	1,241	34
35,325	11,300	163,110	.....	3,865	2,983	24,347	2,437	575,338	286,701	344	65	.....	20	259	35	35
235,165	1,448,290	1,323,927	17,110	55,295	50,508	1,247,403	61,890	6,010,929	4,702,136	3,321	2,075	230	30	986	1,241	36
10,800	2,500	65,151	.....	7,780	632	74,715	1,627	236,958	160,616	37	.....	.....	.....	37	.....	37
14,180	42,597	96,787	.....	5,335	.....	475,999	2,604	714,441	235,833	40	.....	103	.....	40	.....	38
209,998	260,063	1,040,536	23,207	29,821	19,334	1,163,898	27,267	3,458,985	2,267,820	2,517	2,183	103	.....	231	1,239	39
202,966	259,919	1,022,957	23,207	26,273	19,210	1,138,828	26,659	3,385,887	2,220,400	2,442	2,183	43	.....	216	1,239	40
7,032	744	17,579	.....	3,548	124	25,070	608	73,098	47,420	75	.....	60	.....	15	.....	41
5,060	11,988	55,051	200	2,167	1,218	223,159	1,664	334,844	110,021	72	57	.....	.....	15	.....	42
30,105	19,514	161,995	200	10,752	4,106	104,282	5,356	426,433	316,795	178	100	41	.....	37	.....	43
.....	520	5,584	300	1,480	.....	19,504	374	39,164	19,286	7	.....	.....	.....	7	.....	44
1,250	3,909	29,468	1,480	3,774	4	31,619	880	94,878	62,379	19	.....	.....	.....	19	.....	45
29,190	23,321	203,382	.....	7,740	4,573	369,467	9,512	697,881	318,902	775	725	15	.....	35	159	46
106,727	95,631	442,199	.....	.....	698,338	919,404	75,024	4,279,456	3,285,028	3,171	2,530	10	.....	631	335	47
6,800	4,337	65,425	.....	2,718	1,015	28,000	2,471	136,043	105,572	78	55	.....	.....	23	.....	48
103,921	55,225	556,206	.....	7,742	17,579	1,150,199	34,623	2,193,560	1,008,738	3,495	2,775	195	.....	525	499	49
6,252	2,456	41,528	.....	1,952	868	55,884	1,807	145,707	88,016	195	100	25	.....	70	.....	50
3,905	5,308	21,112	.....	4,951	79	47,297	1,946	122,759	49,516	108	.....	.....	.....	168	.....	51
5,301	3,196	39,893	100	3,143	842	62,184	2,628	155,917	91,105	80	40	.....	.....	40	.....	52
3,000	2,400	18,695	.....	2,112	.....	5,326	843	49,371	55,540	30	.....	.....	.....	30	.....	53
44,200	46,623	12,244	.....	9,345	1,099	132,218	881	381,685	248,586	29	.....	2	1	26	.....	54
7,945	32,875	18,746	.....	6,659	1,333	135,034	703	254,618	118,881	39	.....	.....	.....	39	.....	55
6,760	1,248	26,172	950	2,400	.....	10,432	741	59,574	48,401	16	.....	.....	.....	16	.....	56
48,550	34,852	344,049	.....	7,055	3,156	317,301	10,925	942,692	614,466	476	300	.....	.....	156	204	57
81,417	56,754	423,803	33,074	51,950	1,726	490,027	17,859	1,436,334	928,448	736	.....	9	.....	727	.....	58
78,817	43,414	416,533	14,274	50,121	1,726	486,776	17,313	1,366,028	861,939	732	.....	9	.....	723	.....	59
2,600	13,340	7,270	.....	1,829	.....	3,251	546	70,306	66,509	4	.....	.....	.....	4	.....	60
177,552	489,151	472,883	231,024	25,668	11,530	822,333	16,482	3,152,589	2,313,774	946	50	.....	150	746	.....	61
89,050	246,579	472,883	6,250	12,748	9,517	804,124	16,341	2,094,462	1,273,997	945	50	.....	.....	745	.....	62
88,502	242,572	.....	224,774	12,920	2,013	18,209	141	1,058,127	1,039,777	1	.....	.....	.....	1	.....	63

Same number reported for one or more other months.

Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.		Clerks, etc.		Wage earners.				Total.	16 and over.		Under 16.		
				Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.		Female.				
							Maximum month.	Minimum month.									

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

ROCHESTER—Continued.																		
1	Sausage, not made in slaughtering and meat-packing establishments.	11	33	13	1	3	.....	16	Mh ^s	18	Se ^s	15	18	17	1	.....	\$42,940
2	Stoves and hot-air furnaces.	3	268	.....	9	16	8	235	Ap	264	Jy	144	252	252	.....	.....	809,373
3	Structural ironwork, not made in steel works or rolling mills.	8	177	4	19	9	2	143	Jy	164	Ja	124	129	127	2	.....	283,767
4	Tobacco manufactures.	85	263	91	5	6	3	158	Ja	175	Se	145	159	119	36	3	1	273,208
5	Tools, not elsewhere specified.	6	48	6	3	1	1	37	Jy	44	No	31	32	32	.....	.....	60,667
6	Typewriters and supplies.	7	145	1	23	27	25	69	Ap ^s	71	De	66	67	63	4	.....	678,180
7	Wood, turned and carved.	8	20	10	.....	.....	.....	10	Mh ^s	12	No ^s	8	11	11	.....	.....	21,732
8	All other industries *	222	19,787	133	685	1,960	1,152	15,857	15,487	11,156	4,133	166	32	68,148,041

*All other industries embrace—														
2	Artificial limbs.	2	Brick and tile.	1	Corsets.	1	Glue, not elsewhere specified.	1						
1	Artists' materials.	1	Brooms.	2	Cutlery and edge tools.	3	Grease and tallow, not including lubricating greases.	1						
3	Automobiles.	3	Brushes.	3	Dairymen's, poultrymen's, and apirists' supplies.	1	Hairecloth.	1						
1	Babbitt metal and solder.	1	Canning and preserving, fruits and vegetables.	2	Dental goods.	2	Hair work.	1						
1	Bags, other than paper.	1	Carpets, rag.	3	Druggists' preparations.	3	Hand stamps.	3						
1	Bags, paper, not including bags made in paper mills.	1	Carriages and sleds, children's.	2	Dyeing and finishing textiles.	1	Hosiery and knit goods.	2						
3	Belting, leather.	3	Cars and general shop construction and repairs by electric-railroad companies.	1	Enameling.	1	House-furnishing goods, not elsewhere specified.	1						
2	Belting and hose, woven.	2	Cars and general shop construction and repairs by steam-railroad companies.	2	Fancy articles, not elsewhere specified.	7	Ice, manufactured.	2						
1	Billiard tables and materials.	1	Chocolate and cocoa products.	1	Feathers and plumes.	2	Ink, writing.	1						
1	Blacking, stains, and dressings.	1	Coffins, burial cases, and undertakers' goods.	3	Fertilizers.	1	Instruments, professional and scientific.	3						
2	Bluing.	2	Cooperage.	3	Fireworks.	1	Iron and steel, doors and shutters.	1						
5	Bookbinding and blank-book making.	5	Cordials and flavoring sirups.	1	Gas and electric fixtures.	3	Iron and steel, nails and spikes, cut and wrought, including wire nails.	1						
3	Boot and shoe cut stock.	3		3	Gas, illuminating and heating.	1	Lasts.	3						
4	Boot and shoe findings.	4		1	Gas machines and gas and water meters.	1								
2	Boxes, cigar.	2		1	Glass.	1								

SCHENECTADY—All industries.																		
1	Automobile repairing.	8	27	12	.....	.....	.....	15	Je ^s	16	Jy ^s	14	17	17	.....	.....	26,766
3	Bread and other bakery products.	36	201	48	2	2	6	143	Se	146	Fe	139	162	144	18	.....	249,607
4	Carriages and wagons.	5	15	5	.....	.....	.....	9	(¹)	9	(¹)	9	9	9	.....	.....	20,035
5	Confectionery and ice cream.	8	58	6	4	5	2	41	Au	66	Ja	20	42	42	.....	.....	71,082
6	Lumber, planing-mill products, not including planing mills connected with sawmills.	3	63	.....	5	4	.....	54	Au ^s	56	Ja ^s	52	55	55	.....	.....	178,595
7	Marble and stone work.	4	34	4	4	4	2	20	Au	33	Fe	9	20	20	.....	.....	80,833
8	Mineral and soda waters.	9	31	9	.....	.....	.....	21	Au ^s	24	Mh ^s	19	20	20	.....	.....	51,063
9	Printing and publishing, newspapers and periodicals.	13	178	4	6	41	11	116	Fe	124	Au	109	104	98	6	.....	209,163
10	Sausage, not made in slaughtering and meat-packing establishments.	7	23	8	.....	.....	.....	15	De ^s	18	Ja ^s	14	16	15	1	.....	34,600
11	Tobacco manufactures.	25	72	31	1	1	39	Ja ^s	40	De ^s	38	43	37	4	1	1	45,415
12	All other industries *	67	20,562	50	423	2,140	715	17,234	15,060	13,648	1,376	36	56,420,461

*All other industries embrace—														
1	Artificial stone products.	1	Brooms.	2	Clothing, women's.	2	Engraving, steel and copper plate, including plate printing.	1						
1	Automobile bodies and parts.	1	Cars and general shop construction and repairs by electric-railroad companies.	1	Copper, tin, and sheet-iron work.	4	Flour-mill and gristmill products.	2						
1	Awnings, tents, and sails.	1	Cleaning and polishing preparations.	1	Electrical machinery, apparatus, and supplies.	2	Food preparations, not elsewhere specified.	3						
2	Bookbinding and blank-book making.	2	Clothing, men's.	1	Electroplating.	1	Foundry and machine-shop products.	5						
2	Boxes, fancy and paper.	2		1	Engines, steam, gas, and water.	1								

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$1,000	\$1,500	\$8,683		\$1,524	\$455	\$112,409	\$2,467	\$140,466	\$25,590	59		1	58	1
26,270	28,958	159,292		1,000	4,777	97,782	11,641	433,133	323,710	387	55		332	16
25,592	9,058	101,082	\$2,652	6,426	1,722	208,815	6,370	408,583	195,398	278		25	253	6
11,820	5,698	91,095	126	6,704	67,276	190,488	2,423	474,164	281,253	21			21	4
6,912	1,342	32,468	175	2,058	255	9,720	1,702	78,177	66,755	34		10	24	5
64,784	64,264	58,996	518	8,117	5,042	223,851	4,817	935,247	706,579	139	65		74	6
		9,632	60	1,530	83	3,980	1,143	34,118	29,015	18			18	7
1,940,810	3,046,609	9,808,779	86,357	161,191	472,880	22,653,411	977,546	62,067,282	38,436,325	27,465	19,836	231	185	7,213
													7,213	12,351
														8

Leather, tanned, curried, and finished.....	1	Pickles, preserves, and sauces.....	3	Shipbuilding, wooden, including boat building.....	3	Trunks and valises.....	2
Liquors, vinous.....	1	Pipes, tobacco.....	1	Shirts.....	1	Umbrellas and canes.....	1
Lithographing.....	9	Plated ware.....	1	Signs and advertising novelties.....	2	Upholstering materials, not elsewhere specified.....	1
Millinery and lace goods.....	1	Plumbers' supplies, not elsewhere specified.....	4	Silk goods, including throwsters.....	2	Varnishes.....	1
Mirrors, framed and unframed.....	1	Printing materials.....	1	Soap.....	2	Vinegar and cider.....	1
Mucilage and paste.....	2	Pulp goods.....	1	Stamped and enameled ware, not elsewhere specified.....	4	Washing machines and clothes wringers.....	1
Musical instruments, pianos.....	3	Pumps, not including power pumps.....	2	Stationery goods, not elsewhere specified.....	4	Waste.....	1
Musical instruments, piano and organ materials.....	1	Pumps, steam and other power.....	1	Statuary and art goods.....	1	Window shades and fixtures.....	1
Needles, pins, and hooks and eyes.....	2	Refrigerators.....	2	Steam fittings, and steam and hot-water heating apparatus.....	2	Wirework, including wire rope and cable, not elsewhere specified.....	3
Oil, linsced.....	1	Regalia and society badges and emblems.....	1	Steam packing.....	1	Wooden goods, not elsewhere specified.....	3
Oil, not elsewhere specified.....	1	Rubber goods, not elsewhere specified.....	2	Stencils and brands.....	1	Woolen goods.....	1
Optical goods.....	6	Saddlery and harness.....	2	Stereotyping and electrotyping.....	4		
Paints.....	2	Sand-lime brick.....	1	Surgical appliances.....	2		
Paper goods, not elsewhere specified.....	4	Saws.....	1	Toys and games.....	1		
Petroleum, refining.....	1	Scales and balances.....	1				
Photographic materials.....	8	Screws, machine.....	1				

\$1,268,095	\$3,364,513	\$12,812,557	\$28,453	\$50,553	\$317,384	\$21,303,718	\$1,217,111	\$48,762,807	\$26,241,978	61,584	34,476	25	80	27,003	29,353	1
		13,494		2,100	343	7,022	706	41,376	33,648	39				39		2
2,000	1,950	100,359		5,722	3,290	387,417	14,186	590,255	188,652	123				123		3
	600	6,420		360	252	3,247	378	15,886	12,261	13				13		4
4,421	5,624	20,316		3,813	380	88,841	3,314	157,250	65,095	78				78		5
9,000	3,500	41,044		1,500	1,755	164,594	2,048	235,546	68,904	233	225			8		6
3,945	874	20,333	2,580	863	407	22,701	2,041	59,994	35,252	83				83		7
	1,060	14,679		2,460	1,018	30,203	1,140	63,194	31,851	26	8			18		8
16,190	48,494	91,360	4,251	10,404	1,122	78,980	3,701	376,335	293,654	171				171		9
		12,142	200	300	228	100,411	2,320	129,497	26,766	85				85		10
1,200	692	19,881		2,604	8,279	29,874	420	79,002	48,708							11
1,231,339	3,301,719	12,472,529	21,422	20,427	300,310	20,390,428	1,186,857	47,014,472	25,437,187	60,733	34,243	25	80	26,385	29,353	12

Gas, illuminating and heating.....	1	Paints.....	2	Soap.....	1	Wall plaster.....	2
Liquors, malt.....	1	Patent medicines.....	5	Sporting and athletic goods.....	1	Wood, turned and carved.....	1
Locomotives, not made by railroad companies.....	1	Photo-engraving.....	1	Structural ironwork, not made in steel works or rolling mills.....	1	Wool shoddy.....	1
Mattresses and spring beds.....	2	Printing and publishing, book and job.....	9	Varnishes.....	1		
Oil, not elsewhere specified.....	1	Saddlery and harness.....	1	Vinegar and cider.....	1		
		Shirts.....	1				

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
								Maximum month.	Minimum month.						

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

1	SYRACUSE—All industries.....	742	21,085	649	698	1,500	687	17,551	Fe	18,522	De	16,095	16,866	13,349	3,334	74	109	\$63,820,432
2	Artificial stone products.....	10	65	8	4	3	46	Jy	62	Ja ³	33	47	47					134,034
3	Automobile bodies and parts.....	8	683	6	33	50	11	583	Se	640	Fe	511	617	617				2,173,155
4	Awnings, tents, and sails.....	3	34	6	2	1	25	Je ³	34	Ja	16	22	20	2				71,005
5	Boxes, fancy and paper.....	4	207	1	13	3	187	No	195	Au ³	178	188	41	100	3	44		234,839
6	Brass, bronze, and copper products.....	12	174	12	15	2	3	142	Fe	169	Oc	114	164	162	2			442,601
7	Bread and other bakery products.....	87	767	88	10	66	41	562	Ja	567	Se	556	563	455	104	4		1,728,487
8	Candles.....	5	375	2	19	26	22	306	Ja	335	Au	263	295	158	110	11	10	1,979,001
9	Carriages and wagons and materials.....	12	235	17	7	2	209	Mh.	258	De	99	180	180					494,627
10	Clothing, men's.....	39	1,459	51	20	101	33	1,254				1,519	624	833	2	10		1,701,203
11	Regular factories.....	19	1,251	27	20	101	33	1,070	Fe	1,390	De	886	1,316	571	734	2	9	1,673,083
12	Contract work.....	20	208	24				184				203	53	149				28,180
13	Men's and youths'.....	14	176	18				158	Se ³	166	Ja ³	153	166	38	127		1	19,965
14	Boys'.....	6	32	6				26	Mh ³	36	Je	18	37	15	22			8,215
15	Confectionery.....	7	113	4	7	10	2	90	Oc	110	Ap	32	121	60	61			195,180
16	Cooperage.....	7	39	10				29	Ap	30	De	28	28	27		1		78,407
17	Copper, tin, and sheet-iron products.....	10	648	9	12	12	10	605	Je	787	Ja	419	426	389	36	1		1,815,042
18	Druggists' preparations.....	4	18	2	3	2	2	11	([†])	11	([†])	11	11	6	5			67,371
19	Electroplating.....	7	46	8	2	1	2	33	No	38	Ja ³	31	33	31	2			25,106
20	Engines, steam, gas, and water.....	5	51	1	4		7	39	Mh	50	De	29	39	39				140,551
21	Food preparations, not elsewhere specified.....	11	315	7	10	32	14	252	De	328	Jy	210	302	156	139		7	842,003
22	Foundry and machine-shop products.....	44	1,532	28	76	55	54	1,319					1,245	1,203	40	2		3,141,472
23	Boiler shops and foundries.....	8	355	4	18	6	3	324	Ja	361	De	264	263	261		2		337,178
24	Machine shops.....	36	1,177	24	58	49	51	995	Mh	1,080	De	919	982	942	40			2,804,294
25	Furniture.....	15	455	14	14	21	11	395	My	420	Se	358	410	405	4	1		1,034,634
26	Hosiery and knit goods.....	5	442	5	7	24	17	389	Au ³	401	De	351	348	50	289		0	651,371
27	Jewelry.....	10	26	10		1		15	([†])	15	([†])	15	15	15				25,551
28	Liquors, malt.....	7	460	6	27	51	7	369	Au	386	Mh	355	366	357	9			5,190,251
29	Lumber, planing-mill products, not including planing mills connected with sawmills.....	14	247	8	20	6	6	207	Oc ³	212	Au	194	197	197				466,612
30	Marble and stone work.....	11	41	11	2	2	1	25	No ³	29	Mh	21	26	26				131,201
31	Mattresses and spring beds.....	6	73	3	7	1	2	60	Jy ³	63	Fe	53	53	40	13			94,415
32	Models and patterns, not including paper patterns.....	8	64	7	7		5	45	Ja	48	Jy	42	44	44				81,055
33	Patent medicines and compounds.....	24	117	14	17	28	13	45	Ja ³	48	De ³	42	41	27	14			244,311
34	Pickles and sauces.....	4	18	6	1	1		10	Au	12	Fe ³	8	11	8	3			25,547
35	Printing and publishing, book and job.....	53	465	59	26	23	29	328					340	262	76	2		784,260
36	Job printing.....	49	434	52	23	23	27	309	Ja	323	No	289	321	243	76	2		732,745
37	Book printing and publishing, linotype work, and typesetting.....	4	31	7	3		2	19	([†])	19	([†])	19	19	19				51,524
38	Printing and publishing, newspapers and periodicals.....	26	683	20	30	209	64	360					365	335	29	1		1,265,038
39	Printing and publishing.....	4	520		16	198	41	265	De	269	Oc ³	261	269	265	4			907,249
40	Printing, publishing, and job printing.....	11	139	11	9	15	95	95	Ja ³	98	Au ³	90	96	70	25	1		337,239
41	Publishing without printing.....	11	24	9	5	2	8											20,550
42	Saddlery and harness.....	13	52	14	2	1		35	Oc ³	37	Ap ³	34	37	37				45,770
43	Salt.....	3	61		8			53	Ap ³	72	De	22	49	49				535,623
44	Steam fittings, and steam and hot-water heating apparatus.....	4	102	4	7	7	4	80	My	86	Ja ³	75	79	70	9			124,668
45	Tobacco, chewing and smoking.....	4	68	4	1	8	1	54	De	70	Ja	39	71	17	52	1	1	134,065
46	Tobacco, cigars.....	68	359	74	6	3	1	275	Ap	289	Se	264	294	226	68			234,659
47	Typewriters and supplies.....	5	1,709	1	20	82	76	1,530	Ap	1,993	Se	914	1,140	1,085	55			5,331,662
48	Umbrellas and canes.....	3	7	4		1		2	([†])	2	([†])	2	2	1	1			7,075
49	Wall plaster.....	3	115	1	9	7	4	94	Jy ³	103	De	78	77	77				346,557
50	All other industries*.....	181	8,760	124	257	656	235	7,488					7,101	5,806	1,228	45	22	31,790,682

* All other industries embrace—

Agricultural implements.....	1	Canning and preserving, fruits and vegetables.....	1	Coffins, burial cases, and undertakers' goods.....	3	Fur goods.....	3
Automobiles.....	5	Carpets, rag.....	3	Confectionery (ice cream).....	2	Furnishing goods, men's.....	1
Automobile repairing.....	2	Cars and general shop construction and repairs by electric-railroad companies.....	1	Cutlery and edge tools.....	2	Gas, illuminating and heating.....	2
Babbitt metal and solder.....	3	Cars and general shop construction and repairs by steam-railroad companies.....	1	Electrical machinery, apparatus, and supplies.....	4	Glass, cutting, staining, and ornamenting.....	3
Baking powders and yeast.....	3	China decorating, not including that done in potteries.....	2	Enameling.....	1	Gloves and mittens, leather.....	3
Baskets, and rattan and willow ware.....	1	Clocks.....	1	Engraving and disinking.....	2	Grease and tallow, not including lubricating greases.....	2
Belting, leather.....	1	Clothing, men's, buttonholes.....	1	Engraving, steel and copper plate, including plate printing.....	3	Hair work.....	1
Billiard tables and materials.....	1	Clothing, women's.....	3	Engraving, wood.....	1	Hardware.....	3
Bluing.....	1	Coffee and spice, roasting and grinding.....	3	Fancy articles, not elsewhere specified.....	1	Hardware, saddlery.....	1
Bookbinding and blank-book making.....	5			Firearms.....	1	Hats and caps, other than felt, straw, and wool.....	1
Boots and shoes, not including rubber boots and shoes.....	4			Fire extinguishers, chemical.....	1	Hats, fur-felt.....	2
Boxes, cigar.....	1			Flavoring extracts.....	3	House-furnishing goods, not elsewhere specified.....	1
Boxes, wooden packing.....	2			Flour-mill and gristmill products.....	2		
Brooms.....	2			Foundry supplies.....	1		
Brushes.....	1						

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.	Total.			Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	

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

\$1,737,309	\$1,975,278	\$11,031,119	\$238,759	\$329,815	\$989,579	\$22,676,733	\$1,074,358	\$52,163,940	\$28,412,849	26,109	15,163	575	95	10,276	3,897	I
4,722	8,020	17,246	2,370	289	966	36,753	1,853	120,019	81,413	164	9	155	155	3	2	
85,907	53,942	417,032	1,736	2,940	10,694	650,383	45,299	1,867,441	1,171,759	1,666	50	1,616	1,616	3	2	
4,018	557	15,292	1,736	837	34,308	1,186	1,186	68,132	32,638	31	30	1	1	4	5	
16,377	3,154	61,658	3,000	1,258	114,363	2,730	2,730	215,685	98,592	108	99	9	9	10	4	
48,880	2,949	101,009	820	8,344	2,258	357,226	10,732	596,684	228,726	218	60	2	156	6	7	
31,256	96,596	352,382	224	43,808	6,786	1,290,519	39,535	2,352,524	1,022,494	336	179	157	157	21	6	
74,447	64,045	144,497	3,192	2,460	5,227	809,905	12,168	1,286,786	464,713	139	121	18	18	8		
8,330	155,143	3,192	2,460	5,135	187,118	5,689	5,689	446,592	253,785	419	375	44	44	9		
36,576	126,158	550,439	90,200	36,004	5,745	1,294,178	9,797	2,498,028	1,194,053	232	30	27	175	1	10	
36,576	126,158	487,434	90,125	33,704	5,517	1,294,105	7,722	2,414,251	1,112,424	202	30	27	145	1	11	
		63,005	75	2,300	228	73	2,075	83,777	81,629	30			30		12	
		50,197	75	1,912	156	73	1,603	66,579	64,903	25			25		13	
		12,803	388	72	472		472	17,198	16,726	5			5		14	
10,840	15,574	37,911	1,000	8,344	636	296,208	5,936	427,187	125,043	385	280	105	105	15		
		20,451	660	354	45,323	990	990	87,637	41,324	58			52		16	
17,740	17,534	396,525	420	2,992	11,692	841,460	10,118	1,449,648	598,070	446	420	6	26	399	17	
1,670	451	8,331	2,151	25	18,158	345	345	41,435	22,932	11			11	18		
2,548	1,230	19,507	3,556	74	4,520	1,056	1,056	42,078	36,502	41	10	26	5	19		
6,280	3,656	26,470	3,660	84	23,321	2,523	2,523	71,501	45,657	90	35	53	2	20		
35,674	50,196	131,060	3,035	5,867	997,466	10,847	10,847	1,523,897	515,584	437	118	20	299	21		
180,838	132,333	883,034	15,283	29,212	26,167	919,704	87,973	2,829,228	1,821,551	2,056	1,119	165	20	752	239	22
47,636	8,351	197,647	1,500	8,527	4,223	142,614	30,100	506,911	334,197	535	394	60	81	12	23	
133,202	123,982	685,387	13,783	20,685	21,944	777,090	57,873	2,322,317	1,487,354	1,521	725	105	20	671	227	24
55,001	24,575	228,228	720	4,093	5,730	238,231	8,837	674,392	427,324	643	525	43	75	60	25	
17,041	19,632	132,507	30,447	180	4,667	480,281	7,763	846,372	358,328	340	325	15	15	26		
	204	11,276	2,258	40	7,294	161	161	36,900	29,445	9		1	8	27		
108,497	75,725	313,899	21,943	150	582,772	809,102	74,128	3,533,255	2,650,025	2,270	2,265	4	1	555	28	
40,839	11,324	152,687	5,930	3,216	381,278	9,358	9,358	649,792	259,156	984	786	25	173	29		
2,935	1,888	21,352	7,650	1,030	939	43,080	1,287	120,717	76,350	88	75	13	13	30		
10,765	1,876	23,300	250	4,523	246	107,722	1,913	189,346	79,711	46	3	43	43	31		
11,670	3,204	28,440	5,122	85	77,573	1,759	1,759	58,466	58,466	56	3	53	53	32		
36,302	37,549	16,596	50	6,952	1,201	95,186	1,901	286,106	189,019	63	6	10	47	33		
780	1,820	5,241	1,080	30	37,280	328	328	65,650	28,042					34		
43,293	30,007	235,014	11,419	21,700	5,271	226,563	13,033	732,712	493,116	427	120	307	42	35		
39,457	29,441	217,129	10,010	20,625	5,271	216,192	12,009	684,664	456,463	420	120	300	42	36		
3,836	566	17,885	1,409	1,075	10,371	1,024	1,024	48,048	36,653	7		7	37			
69,164	163,049	309,668	39,973	22,486	10,539	356,698	15,870	1,435,337	1,083,069	523		523	38			
53,520	140,893	241,987	120	12,705	8,945	292,190	10,007	1,143,219	841,022	413		413	39			
9,344	16,223	67,681	6,855	8,551	1,518	60,796	5,563	225,932	159,573	110		110	40			
6,300	5,933	32,998	1,230	76	3,712	66,186	66,186	62,474	62,474				41			
1,872	100	25,387	5,189	56	85,360	2,851	2,851	134,261	46,050	24		24	42			
4,720	25,088	6,369	6,369	4,352	1,422	38,792	1,422	38,792	33,018	172	140	32	32	43		
11,124	7,523	52,112	2,849	3,745	101,469	2,159	2,159	194,297	90,669	36	15	21	21	44		
1,300	6,947	21,893	160	2,160	33,071	79,313	1,217	174,509	93,979	38	30	3	5	45		
5,480	2,906	156,261	6,951	41,394	159,832	1,497	1,497	437,875	276,546	9	2	7	7	46		
91,049	192,108	1,033,934	300	19,539	364,607	26,424	26,424	3,593,129	3,202,068	1,245	1,150	95	640	47		
	500	1,080	630	2,670	2,670	90	90	8,456	5,696	1		1	48			
16,907	7,373	48,288	1,800	3,694	142,700	7,389	7,389	277,758	127,669	323	225	98	98	49		
650,767	802,243	4,850,881	9,789	81,345	186,915	11,015,454	646,494	22,732,185	11,070,237	11,975	6,650	98	75	5,162	1,930	50

Ice, manufactured.....	2	Mucilage and paste.....	1	Safes and vaults.....	2	Stoves and hot-air furnaces, except gas and oil stoves.....	3
Iron and steel, steel works and rolling mills.....	2	Musical instruments and materials, not specified.....	2	Sausage, not made in slaughtering and meat-packing establishments.....	2	Structural ironwork, not made in steel works or rolling mills.....	5
Iron and steel, bolts, nuts, washers, and rivets.....	1	Musical instruments, piano and organ materials.....	1	Shipbuilding, wooden, including boat building.....	1	Tools, not elsewhere specified.....	4
Iron and steel forgings.....	3	Optical goods.....	2	Shirts.....	2	Toys and games.....	1
Iron and steel, wrought pipe.....	1	Paints.....	1	Signs and advertising novelties.....	3	Trunks and valises.....	1
Lamps and reflectors.....	1	Photo-engraving.....	2	Slaughtering and meat packing.....	2	Type founding.....	1
Lead, bar, pipe, and sheet.....	1	Plumbers' supplies, not elsewhere specified.....	1	Smelting and refining, not from the ore.....	1	Washing machines and clothes wringers.....	1
Leather goods, not elsewhere specified.....	1	Pottery.....	3	Soap.....	1	Window and door screens.....	1
Lithographing.....	1	Pumps, not including power pumps.....	2	Stationery goods, not elsewhere specified.....	1	Window shades and fixtures.....	1
Looking-glass and picture frames.....	2	Pumps, steam and other power.....	1	Statuary and art goods.....	1	Wirework.....	1
Malt.....	1	Refrigerators.....	1	Stencils and brands.....	1		
Millinery and lace goods.....	2	Regalia and society badges and emblems.....	1	Stereotyping and electrotyping.....	2		
Mineral and soda waters.....	5	Roofing materials.....	1				
Mirrors, framed and unframed.....	1						
Motorcycles, bicycles, and parts.....	1						

Same number reported for one or more other months.

Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.					

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

1	TROY—All industries	364	19,581	328	500	867	465	17,421	Mh	18,182	Au	15,707	17,862	8,507	9,259	70	26	\$42,379,518
2	Awnings, tents, and sails.....	5	20	7	2	.....	2	9	Je ^s	17	De ^s	3	19	12	7	.....	.....	27,001
3	Boxes, fancy and paper.....	6	358	3	16	.....	6	333	Ja	350	Au	295	301	155	142	4	.....	267,304
4	Bread and other bakery products.....	38	345	39	8	36	26	236	No	241	Oc	230	235	230	5	.....	.....	736,223
5	Brushes.....	15	423	10	26	13	12	362	.....	.....	.....	.....	456	374	78	3	1	828,770
6	Toilet.....	8	345	4	25	12	8	296	De	331	Jy ^s	285	333	279	51	2	1	698,723
7	All other.....	7	78	6	1	1	4	66	Fe	105	Jy	49	123	95	27	1	.....	130,053
8	Carriages, wagons, and repairs.....	6	32	6	.....	.....	.....	26	(¹)	26	(¹)	26	20	26	.....	.....	.....	52,215
9	Clothing, men's, buttonholes.....	4	24	4	.....	.....	.....	20	Ja ^s	21	Se ^s	19	22	12	10	.....	.....	7,343
10	Coffee and spice, roasting and grinding.....	3	14	1	1	3	1	8	(¹)	8	(¹)	8	8	7	1	.....	.....	73,979
11	Collars and cuffs, men's.....	15	9,667	4	171	304	220	8,968	Oc	9,576	Jy	8,506	8,909	2,297	6,580	9	17	13,100,357
12	Confectionery and ice cream.....	9	29	7	.....	.....	.....	3	De ^s	19	Ja ^s	17	19	18	1	.....	.....	50,032
13	Copper, tin, and sheet-iron work.....	16	51	18	1	.....	1	31	Je	40	Ja ^s	23	36	36	.....	.....	.....	58,164
14	Druggists' preparations.....	3	6	3	.....	.....	.....	2	(¹)	2	(¹)	2	2	2	.....	.....	.....	5,167
15	Engraving and diesinking.....	5	5	5	.....	.....	.....	.....	(⁶)	.....	(⁶)	.....	.....	.....	.....	.....	.....	2,340
16	Foundry and machine-shop products.....	21	907	25	33	48	19	782	.....	.....	.....	.....	843	841	1	1	.....	2,753,321
17	Boiler shops and foundries.....	5	93	9	4	1	.....	79	Ap	133	No	45	120	119	1	.....	.....	88,098
18	Machine shops.....	16	814	16	29	47	19	703	Ja	725	Jy ^s	691	723	722	.....	.....	.....	2,665,223
19	Liquors, malt.....	8	388	.....	46	48	2	292	De	306	Ap	284	300	275	.....	31	.....	4,425,554
20	Lumber, planing-mill products, not including planing mills connected with sawmills.....	7	49	8	3	3	1	34	Se ^s	37	Ap	31	35	35	.....	.....	.....	142,885
21	Marble and stone work.....	7	17	7	.....	.....	.....	10	Oc	14	Ma	5	11	11	.....	.....	.....	34,136
22	Mineral and soda waters.....	6	48	12	.....	.....	1	35	Au ^s	40	Ja ^s	31	32	32	.....	.....	.....	63,854
23	Patent medicines and compounds.....	6	6	4	.....	.....	.....	2	Ja ^s	4	Au ^s	1	4	4	.....	.....	.....	8,005
24	Printing and publishing, book and job.....	17	135	15	6	3	9	102	Ap	108	De ^s	98	101	94	7	.....	.....	313,127
25	Printing and publishing, newspapers and periodicals.....	10	366	9	17	75	48	217	My	239	Au	198	215	195	8	12	.....	735,693
26	Shirts.....	8	2,846	16	39	173	63	2,555	Fe	2,862	Au	2,093	2,467	608	1,852	2	5	3,788,860
27	Signs and advertising novelties.....	3	8	3	.....	.....	.....	5	(¹)	5	(¹)	5	5	5	.....	.....	.....	6,260
28	Tobacco manufactures.....	35	249	43	4	10	.....	192	Oc	202	Fe	177	204	184	16	4	.....	137,517
29	All other industries*.....	111	3,588	79	127	149	51	3,182	.....	.....	.....	.....	3,606	3,054	545	4	3	14,749,505

* All other industries embrace—

Automobile bodies and parts.....	2	Cleansing and polishing preparations.....	1	Files.....	1	Hats, fur-felt.....	1
Automobile repairing.....	2	Cordage and twine.....	1	Flour-mill and gristmill products.....	2	Hosiery and knit goods.....	4
Bells.....	1	Dyeing and finishing textiles.....	1	Fur goods.....	3	Instruments, professional and scientific.....	3
Belting, leather.....	2	Dyestuffs and extracts.....	1	Furniture.....	3	Iron and steel, steel works and rolling mills.....	2
Bookbinding and blank-book making.....	2	Electrical machinery, apparatus, and supplies.....	2	Gas, illuminating and heating.....	1	Iron and steel forgings.....	1
Boxes, cigar.....	2	Electroplating.....	3	Glass, cutting, staining, and ornamenting.....	1	Lithographing.....	1
Brass, bronze, and copper products.....	4	Engraving, steel and copper plate, including plate printing.....	1	Grease and tallow, not including lubricating greases.....	1	Mats and matting, from cocoa fiber and grass.....	1
Brick and tile.....	2	Engraving, wood.....	1	Hair work.....	2		
Brooms.....	1	Fancy articles, not elsewhere specified.....	1	Hand stamps.....	2		
Cars and general shop construction and repairs by steam-railroad companies.....	1						

¹ Owned power only.

² Includes rented power, other than electric.

³ Same number reported for one or more other months.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—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.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

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

\$1,276,994	\$1,155,682	\$8,767,694	\$1,376,213	\$335,995	\$711,615	\$16,886,705	\$731,409	\$39,929,850	\$22,311,736	19,483	14,795	962	1,964	1,782	3,806	1
1,560	936	4,333		1,276		11,282	147	24,159	12,730	3				3		2
24,410	3,464	139,598	6,704	13,403	462	209,291	5,048	468,986	254,647	221	100		62	59		3
13,084	41,245	190,524	298	11,153	5,897	731,031	26,480	1,143,743	386,232	222	150			72	114	4
59,452	21,342	191,493	26,866	4,556	2,687	371,328	8,953	803,530	423,249	485	365	40		80	12	5
58,152	18,920	166,397	26,866	4,036	2,024	313,366	7,483	697,986	377,137	344	285	40		39	12	6
1,300	2,422	25,096		520	683	57,962	1,470	105,544	46,112	141	100			41		7
		16,612		120	697	13,556	770	42,973	28,647	23		14		9		8
		5,512		984		944	227	10,192	9,021	5				5		9
1,600	4,570	4,888		240	147	54,700	939	79,000	23,361	25				25		10
471,765	345,886	3,980,740	1,037,824	27,663	51,524	5,649,622	102,210	16,702,773	10,950,941	3,388	2,554	537		297	1,289	11
	604	11,968		980	663	56,074	1,300	103,006	45,632	31	6	14		11		12
1,040	780	28,699		1,723	336	34,608	320	83,613	48,685							13
	548	2,312		360		2,771	117	10,176	7,288	2	2					14
				473		153	67	4,502	4,282							15
72,165	68,377	533,483	1,377	15,240	11,947	543,944	38,733	1,678,895	1,096,218	1,120	975	70	20	55	510	16
1,313	936	56,272		2,491	487	41,526	7,790	128,186	78,870	175	125		20	30		17
70,852	67,441	477,211	1,377	12,749	11,460	502,418	30,943	1,550,709	1,017,348	945	850	70		25	510	18
166,464	58,116	276,841		133,200	484,914	769,673	63,679	2,764,434	1,931,082	1,896	1,786	45		65	232	19
5,278	2,604	26,463		1,420	746	54,456	3,010	106,146	48,680	180	117			63		20
		7,618	1,700	565	232	17,240	1,070	46,137	27,827	57	12	20		25		21
	416	25,592		240	902	31,244	695	75,410	43,471	11		5		6		22
		867		524	3	7,168	58	21,593	14,367	4		2		2		23
15,300	7,631	64,917	6,242	5,465	1,132	59,360	2,548	253,607	191,699	59				59		24
49,957	90,145	162,183	5,458	11,664	2,543	156,111	9,776	631,782	465,895	317	160	71		86	140	25
82,958	303,390	1,089,005	242,993	69,907	8,882	2,486,146	37,114	4,998,588	2,475,328	1,070	930		37	103	25	26
		2,136		980		3,675	133	12,084	8,276							27
4,558	9,032	112,073		6,714	25,316	145,966	843	384,173	237,364	2				2		28
307,403	196,596	1,839,837	46,751	27,145	112,585	5,476,362	427,172	9,480,348	3,576,814	10,362	7,638	144	1,845	735	1,484	29

Mattresses and spring beds.....	5	Paints.....	2	Soda-water apparatus.....	1	Structural ironwork, not made in steel works or rolling mills.....	1
Minerals and earths, ground.....	1	Paper and wood pulp.....	2	Springs, steel, car and carriage, not made in steel works or rolling mills.....	1	Tinware, not elsewhere specified.....	1
Models and patterns, not including paper patterns.....	3	Photo-engraving.....	2	Stamp and enameled ware, not elsewhere specified.....	1	Varnishes.....	1
Mucilage and paste.....	1	Pickles, preserves, and sauces.....	1	Saddlery and harness.....	5	Vault lights and ventilators.....	1
Musical instruments and materials, not specified.....	1	Printing and publishing, music.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	1	Waste.....	2
Oil, not elsewhere specified.....	1	Slaughtering and meat packing.....	2	Scales and balances.....	1	Wirework.....	4
Oilcloth and linoleum, floor.....	1			Slaughtering and meat packing.....	2	Wood, turned and carved.....	2
Optical goods.....	1						

⁴ Same number reported throughout the year.

⁵ No wage earners reported.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.			Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

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

1	UTICA—All industries.....	306	14,368	264	347	777	266	12,714	Ap	13,344	No	12,002	12,634	7,437	4,962	133	102	\$30,178	
2	Artificial stone products.....	4	30	3	1	1	25	25	Au	33	Ja	12	27	27					5,221
2	Automobile bodies and parts.....	8	323	1	16	15	9	282	My	368	De	160	275	259	12	2	2		140,563
4	Brass and bronze products.....	5	21	8	1	4	8	8	Ja	9	Oc	6	8	8					51,470
4	Bread and other bakery products.....	33	238	60	3	14	11	150	Au	156	Fe	144	152	128	23	1			122,695
6	Carriages, wagons, and repairs.....	8	62	10	1	1	50	50	Jy	55	De	43	42	42					28,150
7	Clothing, men's.....	16	1,436	16	30	127	46	1,217					1,180	685	451	11	3		1,843,011
8	Regular factories.....	10	1,358	9	30	127	46	1,146	Fe	1,257	No	1,009	1,111	648	451	10	2		1,832,411
9	Contract work.....	6	78	7	3	1	71	71	Jy	77	Ap	66	69	37	30	1	1		10,600
10	Copper, tin, and sheet-iron work.....	4	11	3	1	1	7	7	Se	9	My	6	7	7					21,116
11	Food preparations, not elsewhere specified.....	3	51	2	4	1	44	44	My	51	Jy	35	41	15	26				30,034
12	Foundry and machine-shop products.....	13	259	6	15	19	11	208	Ap	213	No	193	210	208	1	1			515,794
13	Furniture.....	5	348	2	7	20	4	315	Je	397	De	272	273	288	2	2	1		700,016
14	Gas and electric fixtures.....	3	71	6	7	2	56	56	Mh	89	Au	30	54	52	2				227,703
15	Hosiery and knit goods.....	16	5,115	7	71	76	53	4,908	Mh	5,466	Au	4,370	4,903	1,796	2,998	25	84		8,380,312
16	Liquors, malt.....	5	283	18	54	4	207	207	Au	224	Mh	194	206	206					2,485,032
17	Lumber, planing-mill products, not including planing mills connected with sawmills.....	4	178	13	25	5	135	135	Se	143	Fe	128	136	136					803,615
18	Marble and stone work.....	7	33	9	2	2	22	22	Jy	29	Ja	13	22	22					82,647
19	Mineral and soda waters.....	5	25	6	1	1	18	18	Jy	19	Se	17	18	18					39,000
20	Printing and publishing, book and job.....	15	143	17	5	8	8	105	Ja	109	Jy	99	103	86	15	2			222,680
21	Printing and publishing, newspapers and periodicals.....	14	449	7	21	121	19	281					301	224	9	68			499,682
22	Printing and publishing.....	4	352	2	15	115	14	236	Ap	255	Fe	187	253	183	4	66			401,800
23	Printing, publishing, and job printing.....	6	58	4	4	3	2	45	De	50	Fe	43	48	41	5	2			95,300
24	Publishing without printing.....	4	9	1	2	3	3		(4)		(4)								1,000
25	Structural ironwork, not made in steel works or rolling mills.....	4	17	5				12	Je	18	Fe	7	12	12					7,187
26	Tobacco, cigars and cigarettes.....	34	135	39	2	4	90	90	Se	99	Mh	83	100	95	1	4			116,779
27	All other industries*.....	95	5,140	63	133	279	91	4,574					4,564	3,143	1,392	17	12		13,553,460

* All other industries embrace—	Agricultural implements.....	1	Cars and general shop construction and repairs by steam-railroad companies.....	2	Dyeing and finishing textiles.....	1	Flour-mill and gristmill products.....	2
	Artificial limbs.....	1	Cloth, sponging and refinishing.....	2	Electrical machinery, apparatus, and supplies.....	1	Fur goods.....	4
	Automobile repairing.....	1	Clothing, women's.....	2	Emery and other abrasive wheels.....	1	Gas, illuminating and heating.....	1
	Awings, tents, and sails.....	2	Confectionery and ice cream.....	4	Engraving and diesinking.....	2	Glass, cutting, staining, and ornamenting.....	2
	Baking powders.....	1	Cordage and twine.....	1	Engraving, steel and copper plate, including plate printing.....	1	Gloves and mittens, leather.....	1
	Belting, leather.....	1	Cotton goods.....	3	Engraving, wood.....	1	Hardware.....	1
	Boot and shoe findings.....	1	Cutlery and edge tools.....	1	Fire extinguishers, chemical.....	1	Hats and caps, other than felt, straw, and wool.....	2
	Boxes, cigar.....	1	Dairymen's, poultrymen's, and ap- arists' supplies.....	1	Flags and banners.....	1	House-furnishing goods, not elsewhere specified.....	2
	Boxes, fancy and paper.....	1			Flavoring extracts.....	2		
	Brick and tile.....	1						

1	YONKERS—All industries.....	186	14,172	174	165	984	199	12,650	Jy	12,990	No	11,964	12,303	8,039	4,261	1	2	\$59,409,115	
2	Automobile repairing.....	4	12	4	1	1	6	6	My	7	Se	5	6	6					5,221
3	Bread and other bakery products.....	36	161	41	1	1	117	117	Se	121	Ja	112	119	111	8				140,563
4	Carriages, wagons, and repairs.....	4	21	5	3		13	13	Ap	14	Fe	12	13	13					51,470
5	Copper, tin, and sheet-iron work.....	16	82	17	1	3	59	59	Je	64	Fe	51	56	56					122,695
6	Ice cream.....	6	23	9			14	14	Jy	20	Ja	10	15	11	4				28,150
7	Marble and stone work.....	7	24	6	1	2	15	15	My	21	De	11	16	16					78,737
8	Mineral and soda waters.....	5	25	6			19	19	Je	23	De	17	18	17	1				34,723
9	Printing and publishing, book and job.....	13	80	13	6	21	25	15	Ap	17	Jy	14	16	13	2	1			261,700
10	Printing and publishing, newspapers and periodicals.....	9	142	4	7	27	5	99	Je	111	Ja	98	96	87	9				304,676
11	Structural ironwork, not made in steel works or rolling mills.....	4	20	3			17	17	Jy	22	Fe	13	17	17					64,549
12	Tobacco manufactures.....	19	29	19			10	10	(4)	10	(4)	10	10	10					21,784
13	All other industries*.....	63	13,553	47	145	930	165	12,266					11,921	7,682	4,237		2		53,294,847

* All other industries embrace—	Artificial stone products.....	2	Clothing, women's.....	4	Fertilizers.....	1	Glass, cutting, staining, and ornamenting.....	1
	Awings, tents, and sails.....	2	Combs and hairpins, not made from metal or rubber.....	1	Food preparations, not elsewhere specified.....	1	Hand stamps.....	1
	Bookbinding and blank-book making.....	2	Corsets.....	1	Foundry and machine-shop products.....	7	Hats, fur-felt.....	1
	Brooms.....	2	Druggists' preparations.....	1	Furnishing goods, men's.....	2	House-furnishing goods, not elsewhere specified.....	1
	Carpets and rugs, other than rag.....	1	Electrical machinery, apparatus, and supplies.....	2	Gas and electric fixtures.....	1	Ice, manufactured.....	1
	Carriage and wagon materials.....	1			Gas, illuminating and heating.....	1		
	Clothing, men's.....	2						

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.							Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.			Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

	\$939,227	\$6,544,709	\$100,506	\$141,366	\$652,465	\$16,234,213	\$618,590	\$30,490,235	\$13,637,432	25,044	19,073	188	30	5,753	6,323	1
.....	624	15,466	271	110	162	21,919	1,328	52,594	29,347	38	.....	8	.....	30	.....	2
.....	14,642	196,739	1,000	8,223	3,343	478,775	8,285	909,654	422,594	345	60	.....	.....	285	.....	3
.....	2,400	6,300	.....	1,070	119	17,270	1,194	40,971	22,507	45	.....	.....	.....	45	.....	4
.....	15,882	100,353	.....	8,329	2,707	367,095	16,222	644,174	260,857	118	.....	4	.....	114	.....	5
.....	650	31,763	131	801	590	25,037	1,878	77,005	50,090	64	.....	3	.....	61	.....	6
.....	182,390	607,405	51,574	33,210	12,202	1,260,554	14,463	2,655,802	1,380,785	412	275	.....	.....	137	.....	7
.....	182,390	582,402	51,574	32,442	12,131	1,260,504	13,312	2,621,643	1,347,827	396	275	.....	.....	121	.....	8
.....	.....	25,003	.....	768	71	50	1,151	34,159	32,958	16	.....	.....	.....	16	.....	9
.....	1,080	4,842	150	889	268	7,525	207	15,900	8,168	.....	.....	.....	.....	.....	.....	10
.....	220	15,545	.....	1,380	702	55,880	2,148	84,472	26,444	73	66	.....	.....	7	.....	11
.....	27,200	137,535	1,656	2,938	5,705	222,602	9,193	499,508	267,713	287	70	78	.....	139	.....	12
.....	19,510	169,424	.....	240	8,415	377,040	15,516	742,645	350,089	505	437	.....	.....	68	.....	13
.....	5,595	37,342	.....	1,530	824	38,759	3,190	107,251	65,302	93	75	.....	.....	18	.....	14
.....	130,414	2,144,980	4,732	19,194	64,969	5,412,618	121,931	9,475,541	3,940,992	6,298	4,570	.....	30	1,698	2,025	15
.....	65,414	199,104	6,946	.....	332,129	875,927	28,881	1,934,642	1,029,834	1,236	1,119	.....	.....	117	200	16
.....	17,503	104,402	.....	3,200	5,896	432,034	7,454	680,243	240,755	657	600	.....	.....	57	30	17
.....	2,191	13,619	5,566	636	280	45,043	1,598	84,106	37,465	146	.....	.....	.....	146	.....	18
.....	360	11,184	.....	.....	371	22,722	1,076	43,844	20,046	14	.....	7	.....	7	.....	19
.....	11,721	62,923	2,400	5,902	996	86,688	2,837	220,993	131,468	115	35	.....	.....	80	.....	20
.....	102,396	163,072	16,552	3,952	7,269	147,889	8,480	760,697	604,328	383	16	82	.....	285	.....	21
.....	96,670	150,983	.....	828	7,037	137,162	7,258	638,079	493,659	320	16	82	.....	222	.....	22
.....	2,932	12,089	.....	2,552	232	9,531	1,222	77,280	66,527	63	.....	.....	.....	63	.....	23
.....	2,794	.....	16,552	572	.....	1,196	.....	45,338	44,142	.....	.....	.....	.....	.....	.....	24
.....	6,676	.....	.....	809	44	12,360	413	29,025	16,252	18	.....	.....	.....	18	.....	25
.....	2,607	54,524	.....	4,519	18,414	65,250	1,031	188,903	122,622	2	.....	.....	.....	2	.....	26
.....	330,428	2,461,421	9,528	44,374	187,110	6,261,226	371,265	11,242,265	4,609,774	14,195	11,750	6	.....	2,439	3,591	27

Jewelry.....	1	Perfumery and cosmetics.....	1	Slaughtering and meat packing.....	2	Tobacco, chewing and smoking, and snuff.....	3
Labels and tags.....	1	Photo-engraving.....	1	Sporting and athletic goods.....	2	Tools, not elsewhere specified.....	1
Lead, bar, pipe, and sheet.....	1	Plumbers' supplies, not elsewhere specified.....	1	Stamped and enameled ware, not elsewhere specified.....	1	Trunks and valises.....	1
Mattresses and spring beds.....	4	Regalia and society badges and emblems.....	1	Stereotyping and electrotyping.....	1	Wall plaster.....	2
Millinery and lace goods.....	1	Roofing materials.....	1	Stoves and hot-air furnaces, except gas and oil stoves.....	3	Washing machines and clothes wringers.....	1
Mucilage and paste.....	1	Saddlery and harness.....	2	Suspenders, garters, and elastic woven goods.....	1	Wirework.....	1
Musical instruments and materials, not specified.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	1	.....	.....	Wooden goods, not elsewhere specified.....	1
Musical instruments, organs.....	2	.....	.....	.....	.....	.....	.....
Paper and wood pulp.....	2	.....	.....	.....	.....	.....	.....

	\$626,008	\$1,116,782	\$6,454,787	\$129,172	\$69,554	\$213,748	\$51,282,068	\$326,288	\$67,222,673	\$15,114,317	20,329	17,267	216	2,846	2,531	1
.....	1,200	400	5,908	.....	1,430	2	5,799	354	19,699	13,546	10	.....	4	6	.....	2
.....	960	940	88,604	.....	9,984	1,384	249,136	12,127	489,373	228,110	45	.....	.....	45	.....	3
.....	4,160	.....	9,932	.....	360	466	5,357	548	31,122	25,217	15	.....	4	11	.....	4
.....	1,500	4,628	41,800	.....	1,932	1,050	49,362	587	118,044	68,095	14	.....	10	4	.....	5
.....	.....	.....	6,001	.....	5,190	210	63,354	975	91,016	26,687	26	.....	2	24	.....	6
.....	1,300	676	9,616	.....	1,332	669	26,528	149	67,236	40,559	3	.....	.....	3	.....	7
.....	.....	.....	10,707	.....	890	30	20,880	439	41,082	19,763	18	12	3	3	.....	8
.....	21,000	27,774	9,232	126,383	2,528	1	10,317	629	256,753	245,807	11	.....	5	6	.....	9
.....	16,500	31,576	100,240	2,544	8,066	1,435	57,606	4,804	303,324	240,914	107	.....	11	96	.....	10
.....	.....	13,364	.....	.....	732	407	30,182	573	65,624	34,869	23	6	12	5	.....	11
.....	.....	6,276	.....	.....	2,458	2,101	11,051	292	30,083	18,740	.....	.....	.....	.....	.....	12
.....	579,388	1,050,788	6,153,107	245	34,652	203,993	50,752,496	804,811	65,709,317	14,152,010	20,057	17,249	165	2,643	2,531	13

Instruments, professional and scientific.....	1	Mattresses and spring beds.....	1	Photo-engraving.....	1	Silk goods.....	1
Liquors, malt.....	2	Models and patterns, not including paper patterns.....	1	Pickles, preserves, and sauces.....	2	Sugar, refining.....	2
Looking-glass and picture frames.....	1	Musical instruments, organs.....	1	Regalia and society badges and emblems.....	1	Surgical appliances.....	1
Lumber and planing-mill products, not including planing mills connected with sawmills.....	3	Musical instruments, pianos.....	1	Rubber goods, not elsewhere specified.....	1	Toys and games.....	1
.....	.....	Patent medicines and compounds.....	1	Shipbuilding, wooden.....	1	Wirework.....	1

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 78.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS.

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Capital.			
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.					
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.	Female.				
								Maximum month.	Minimum month.									
1 AMSTERDAM.....	117	11,373	120	150	250	79	10,774	Fe	12,304	Au	7,585	11,055	5,862	5,048	65	80	\$22,645,398	
2 AUBURN.....	123	6,627	119	210	340	189	5,769	Ja	6,849	Au	4,670	5,749	4,072	1,663	6	8	23,129,442	
3 BATAVIA.....	57	2,833	53	73	187	63	2,457	Ja	2,841	Au	1,759	2,903	2,508	387	7	1	7,847,208	
4 BEACON.....	41	2,033	36	35	125	31	1,806	Oc	1,976	Jy	1,541	1,844	1,168	648	9	19	3,849,014	
5 COHOES.....	106	6,179	80	149	123	46	5,781	Mh	6,240	Oc ³	5,443	6,233	3,526	2,683	7	17	14,649,008	
6 CORNING.....	58	2,482	63	47	122	47	2,203	Mh	2,509	Se	1,916	2,320	1,928	390	2	.....	4,991,945
7 CORTLAND.....	59	2,752	51	93	90	59	2,459	Fe	2,649	Je	2,311	2,591	2,180	411	.....	.....	5,576,893
8 DUNKIRK.....	62	3,471	43	163	223	53	2,989	Ja	4,068	Au	1,790	2,356	2,021	322	3	10	9,363,994	
9 ELMIRA.....	145	5,789	115	175	415	214	4,870	Mh	5,194	De	4,675	4,912	4,003	895	10	4	15,758,956	
10 FULTON.....	51	3,292	25	87	84	54	3,042	Se	3,362	De	2,155	3,052	2,015	988	34	15	12,168,000	
11 GENEVA.....	52	1,953	37	65	93	66	1,692	Se	2,032	Ja	1,378	2,057	1,481	563	6	7	4,773,336	
12 GLENS FALLS.....	82	2,933	79	74	106	142	2,532	Ap	2,748	De	2,238	2,524	1,314	1,205	3	2	9,732,203	
13 GLOVERSVILLE.....	211	6,240	244	172	310	179	5,335	Mh	5,971	De	3,983	5,779	3,384	2,362	20	13	11,898,271	
14 HORNELL.....	46	2,486	30	81	57	33	2,285	Fe	2,426	Au	1,929	2,344	1,550	595	15	184	4,802,436	
15 HUDSON.....	48	1,620	44	43	73	37	1,423	My	1,523	Au	1,111	1,504	941	556	3	4	3,218,536	
16 ITHACA.....	74	1,102	68	52	116	51	815	Jy	912	Ap	768	854	782	68	4	.....	3,399,539
17 JAMESTOWN.....	162	8,948	144	306	474	230	7,794	Ap	8,242	Jy	7,456	7,953	6,308	1,560	49	36	20,757,893	
18 JOHNSTOWN.....	126	2,963	177	89	114	51	2,532	Ap	2,771	No	2,129	2,667	1,765	889	8	5	5,021,408	
19 KINGSTON.....	118	3,633	128	132	170	127	3,076	My	3,269	De	2,881	3,285	1,718	1,477	32	58	6,879,584	
20 LITTLE FALLS.....	49	4,080	45	78	96	38	3,823	Fe	4,368	Oc	3,306	3,853	2,568	1,276	6	3	8,524,847	
21 LOCKPORT.....	117	2,863	100	144	140	98	2,381	Se	2,548	De	2,158	2,271	1,770	488	4	9	10,239,260	
22 MIDDLETOWN.....	77	2,309	66	82	136	36	1,989	Ja	2,104	Jy	1,755	2,030	1,420	585	9	16	4,703,670	
23 MOUNT VERNON.....	133	1,720	130	58	127	59	1,346	Je	1,442	Ja	1,223	1,425	1,063	356	6	.....	2,683,600
24 NEW ROCHELLE.....	61	1,061	65	33	63	30	870	My	1,011	De	696	913	721	191	1	1	1,761,155
25 NEWBURGH.....	128	4,956	94	147	279	118	4,318	Ja	4,468	De	4,065	4,178	2,737	1,430	10	1	11,605,980	
26 NIAGARA FALLS.....	156	11,111	105	336	969	311	9,390	Ap	10,414	De	8,416	9,000	7,864	1,111	11	14	64,221,040	
27 NORTH TONAWANDA.....	74	4,078	41	127	231	105	3,574	Jy	3,669	De	3,378	3,685	3,047	601	13	24	12,126,163	
28 OGDENSBURG.....	71	1,088	53	54	56	27	898	Mh	1,023	No	751	880	513	360	1	6	2,195,017	
29 OLEAN.....	53	2,977	42	83	185	34	2,633	Ja	2,920	Se	2,364	2,791	2,701	79	7	4	13,389,289	
30 ONEONTA.....	36	1,513	40	44	82	10	1,337	Ap	1,398	Au	1,242	1,406	1,181	225	.....	.....	1,461,765
31 OSSINGO.....	32	451	25	21	27	5	373	Ap	396	Au	341	404	290	110	3	1	2,229,358	
32 OSWEGO.....	76	4,926	47	135	345	68	4,331	Ja	4,486	Se	3,801	4,490	3,174	1,247	16	53	11,774,147	
33 PEEKSKILL.....	53	2,077	51	59	105	81	1,781	De	1,880	Ja	1,532	1,895	1,485	406	1	3	3,810,385	
34 PLATTSBURG.....	39	944	35	25	47	15	822	Ap	1,140	De	418	899	797	96	6	.....	2,677,705
35 PORT CHESTER.....	50	2,540	42	38	145	37	2,278	Ja	2,400	De	2,189	2,191	1,449	731	1	10	6,950,247	
36 POUGHKEEPSIE.....	176	5,580	147	178	360	166	4,729	Ap	5,332	Au	4,335	4,442	2,867	1,517	24	34	13,935,142	
37 RENSSELAER.....	32	927	29	30	39	18	811	Mh	866	Ja	781	827	621	204	2	2	2,317,925
38 ROME.....	95	4,359	78	95	188	61	3,937	Je	4,278	No	3,493	3,914	3,286	617	3	8	12,715,290	
39 SARATOGA SPRINGS.....	51	1,147	37	47	149	45	869	Ja	971	Au	573	888	540	333	8	7	3,669,627	
40 WATERTOWN.....	91	3,698	61	133	277	79	3,148	Ja	3,300	No	2,923	2,957	2,457	497	3	.....	17,254,955
41 WATERLIET.....	40	877	32	38	32	16	759	Jy	839	Se	698	772	451	315	6	.....	1,658,719
42 WHITE PLAINS.....	44	467	30	27	40	54	316	Je	328	Ja	305	317	272	44	1	.....	5,059,536

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

\$498,961	\$359,209	\$4,997,623	\$78,943	\$32,788	\$130,983	\$12,751,719	\$397,616	\$22,474,691	\$9,325,356	16,278	5,924	15	1,150	9,189	993	1
472,402	425,551	3,578,079	9,869	28,178	146,676	9,483,806	305,706	16,686,249	6,896,737	15,033	9,241	159	3,459	2,174	4,213	2
167,068	245,045	1,321,194	81,274	14,888	44,636	2,316,299	107,009	5,339,782	2,916,474	5,006	2,911	972	453	670	2,421	3
108,530	181,965	958,190	7,855	20,938	30,746	1,663,817	78,236	3,519,574	1,777,521	3,797	2,166	60	1,259	312	865	4
351,114	180,326	2,792,016	7,289	44,056	151,773	6,241,793	328,440	11,706,461	5,136,228	18,495	5,175	794	11,402	1,124	4,783	5
164,784	143,068	1,472,700	364	12,053	25,594	1,374,039	158,579	3,954,226	2,421,608	2,521	1,654	107	3	757	465	6
192,617	160,493	1,474,358	504	19,383	19,622	3,324,018	234,125	6,437,659	2,879,027	9,226	6,997	1,315	204	710	2,255	7
343,945	284,242	2,107,946	7,133	12,361	101,897	3,841,640	222,129	8,366,767	4,302,998	7,250	5,653	532	.....	1,065	13,703	8
353,787	547,746	2,889,386	73,113	27,221	184,253	5,721,536	265,326	12,597,024	6,610,162	9,725	5,465	171	90	3,999	1,512	9
237,482	131,067	1,736,257	2,724	11,817	113,768	5,664,330	275,444	9,571,962	3,632,188	24,690	8,150	.....	15,375	1,165	3,171	10
136,764	156,573	1,054,219	2,920	14,427	27,178	3,193,978	90,748	5,240,962	1,956,236	2,947	1,820	157	.....	970	318	11
135,314	149,761	1,286,064	369,822	31,045	79,473	3,323,018	218,416	6,535,019	2,993,585	19,727	3,415	59	14,140	2,113	1,479	12
351,087	413,322	2,576,996	667,849	45,249	38,708	2,706,705	157,972	13,384,213	5,519,536	4,790	3,030	110	.....	1,650	206	13
147,915	70,356	1,262,651	188,610	7,582	55,464	2,170,851	88,797	4,847,594	2,587,946	3,680	2,961	246	.....	473	1,683	14
142,498	85,330	735,497	3,863	6,030	80,859	2,165,015	59,585	3,736,941	1,512,341	1,839	1,245	156	7	431	171	15
77,905	110,719	508,536	44,090	13,972	19,795	783,152	69,956	2,243,892	1,390,784	3,262	2,289	65	602	366	890	16
584,156	689,768	4,584,883	83,152	33,548	131,459	8,651,256	244,371	17,961,429	9,065,802	13,284	8,673	3,138	690	783	4,911	17
126,236	172,987	1,220,025	226,153	36,383	17,365	3,787,897	82,879	6,788,636	2,947,860	3,107	2,310	72	255	470	62	18
277,542	209,683	1,333,691	82,663	31,295	253,879	2,818,268	121,738	6,445,455	3,505,449	4,727	3,800	55	27	845	642	19
244,428	129,169	1,961,136	17,267	19,191	34,358	5,984,045	168,548	9,927,246	3,774,653	8,442	5,492	50	1,536	1,364	992	20
355,824	206,438	1,415,795	4,386	26,413	65,134	5,486,699	359,342	8,954,931	3,108,890	16,382	2,332	90	5,374	8,586	42	21
139,909	122,367	1,072,958	2,875	18,904	50,625	2,474,556	99,020	4,442,792	1,869,216	3,384	2,360	442	.....	582	2,166	22
131,978	160,996	842,045	13,052	56,909	12,151	1,229,778	54,439	3,167,173	1,882,956	1,777	865	401	.....	511	671	23
59,237	52,307	566,869	1,325	30,626	7,864	827,609	24,962	1,736,198	883,627	781	221	148	.....	412	24	24
379,849	411,715	2,204,332	35,797	34,699	93,684	5,056,796	216,805	9,986,564	4,712,963	6,954	3,955	17	320	2,662	1,441	25
1,008,237	1,352,923	6,164,118	60,390	95,256	399,998	22,040,362	3,384,950	44,816,698	19,391,386	139,085	1,988	13,738	7,830	115,529	1,577	26
344,769	273,130	1,956,214	10,910	37,526	59,446	5,758,579	326,308	10,040,356	3,955,469	11,784	7,866	13	.....	3,905	621	27
81,317	49,174	416,746	15,177	16,905	25,698	2,068,479	44,500	3,401,045	1,298,068	2,734	856	122	955	801	27	28
159,379	206,759	1,866,353	7,697	4,298	88,901	9,662,898	392,027	11,577,282	1,522,357	6,470	3,844	1,337	195	1,094	2,192	29
60,114	66,047	778,274	35,720	12,251	7,840	1,190,946	47,576	2,372,506	1,133,984	2,107	1,325	73	500	209	689	30
73,022	21,265	226,387	1,718	16,722	13,326	377,412	46,097	1,120,081	696,572	760	378	83	1	298	.....	31
288,656	453,519	2,216,255	7,820	37,534	111,138	7,830,192	227,106	12,650,095	4,592,797	10,050	5,320	31	2,483	1,716	2,524	32
127,472	139,565	1,074,839	144,848	249,355	3,109,576	2,816,298	226,623	8,301,092	5,258,171	6,233	5,674	3	56	500	1,528	33
35,585	45,437	478,687	.....	8,847	12,818	1,010,544	72,176	1,883,867	801,147	5,207	1,011	195	3,370	631	362	34
156,211	244,116	1,071,038	114,806	18,157	16,284	4,252,933	111,843	6,741,228	2,376,452	3,144	804	29	.....	2,311	350	35
491,771	547,378	2,283,751	39,326	63,100	161,926	5,896,535	218,593	12,791,325	6,676,197	6,633	4,226	238	1	2,168	2,598	36
93,172	97,140	558,058	3,770	54,255	13,317	1,365,754	56,911	2,755,418	1,332,753	1,227	763	53	40	371	410	37
323,328	249,928	2,038,247	12,256	11,314	433,844	12,131,890	331,020	16,730,078	4,267,168	12,933	9,289	193	1	3,450	2,364	38
113,425	182,832	493,926	30,400	10,587	19,491	1,353,511	61,991	2,893,451	1,477,949	1,422	810	26	.....	586	89	39
330,994	336,512	1,835,446	15,032	63,602	68,543	4,826,083	282,536	9,284,272	4,175,653	13,468	2,858	274	8,441	1,885	2,567	40
68,630	51,977	367,784	224	3,843	8,327	780,696	24,462	1,611,501	806,343	973	715	8	20	230	1	41
43,953	62,489	218,755	8,918	22,437	17,982	304,269	53,263	990,166	632,634	472	181	24	1	266	12	42

* Same number reported for one or more other months.

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

SAM. L. ROGERS, DIRECTOR

CENSUS OF MANUFACTURES

1914

NORTH CAROLINA

Prepared under the supervision of W. M. STEUART, Chief Statistician for Manufactures

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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 should 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 whose 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 1914, 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 or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city 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 very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this 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 the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations 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, as a rule, has been followed in compiling the statistics of 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1914, 1909, and 1904, therefore, does not show separately all the industries given for 1914 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 1914 and 1909 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, without distinction of sex or 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 average thus obtained approximates the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, 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 believed not 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 particular, totals by sex and age for the wage earners reported for the representative day for all industries combined would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by sex and 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 number of men, women, and children 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 represent the approximate number who would be required to perform the work in any industry if all were continuously employed during the year, whereas the actual number to whom the total wages were paid would be larger.

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, all or 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 census of 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 internal revenue, corporation income tax, and state, county, and local taxes. In some instances the amount of the corporation tax for 1914 had not been ascertained when the report was prepared and the amount paid for 1913 was therefore given.

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 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 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 interest or depreciation, 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, since in most cases an engine or motor is not required to deliver continuously its full rated horsepower.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, oil, and gas. They relate to the quantity used during the year, which may be more or less than the quantity purchased. As only the principal varieties of fuel are shown, no comparison can be made with the total cost of all fuel.

NORTH CAROLINA.

By F. W. CHASE.

GENERAL STATISTICS.

General character of the state.—North Carolina was one of the original thirteen states. With a gross area of 52,426 square miles, of which 48,740 represent land surface, it ranks twenty-seventh in size among the states. Its inhabitants in 1900 numbered 1,893,810, and in 1910, 2,206,287; and its estimated population in 1914 was 2,339,000. In total population North Carolina ranked sixteenth among the states in 1910; and in density of population it ranked twentieth, with 45.3 inhabitants per square mile, the corresponding figure for 1900 being 38.9.

The urban population of the state in 1910—that is, the population residing in incorporated places having 2,500 inhabitants or more—was 318,474, or 14.4 per cent of the total, as against 9.9 per cent in 1900. There were in the state in 1914, 10 cities each having an estimated population of more than 10,000; Asheville, Charlotte, Durham, Greensboro, High Point, New Bern, Raleigh, Rocky Mount, Wilmington, and Winston-Salem. These cities, whose aggregate population in that year formed 8.9 per cent of the estimated total population of North Carolina, reported 34.9 per cent of the state's manufactured products.

The steam-railway mileage in 1914 was 5,419, and the electric-railway mileage in 1912 was 171. In addition, the transportation facilities provided by the harbors and navigable rivers of the state are important factors in the furtherance of its manufacturing and commercial interests.

The natural resources of North Carolina, which are of great importance, have a marked influence in the establishment and growth of many industries. Some of the materials used in manufacturing, such as cotton, cereals, tobacco, timber, phosphate rock, and

kaolin, are produced in large quantities. The Appalachian forests, more than 5,000 square miles in extent, furnish an abundance of material for sawmills and for paper and pulp mills. The water power of the state is used extensively in generating electric energy, which is transmitted to distances as great as 210 miles.

Agriculture is the leading industry. The total value of all farm crops in 1909 was \$142,890,192, the most important products being cotton (including cotton seed), \$50,483,345; corn, \$31,286,102; and tobacco, \$13,847,559. The state's cotton crop of 1914 amounted to 930,631 equivalent 500-pound bales, or 5.8 per cent of the total for the United States.

The value of merchandise exported through the North Carolina customs district during the fiscal year ended June 30, 1914, was \$25,870,851; and of merchandise imported, \$4,134,459.

Importance and growth of manufactures.—North Carolina's manufactured products in 1914 were valued at \$289,411,987, and the average number of wage earners employed in its manufacturing industries was 136,844. In that year the state ranked eighteenth in the former respect and thirteenth in the latter; the corresponding rankings in 1909 were twenty-third and twelfth. The output of manufactured products in North Carolina in 1914 represented 1.2 per cent of the total for the United States, as measured by value; the corresponding proportion for both 1909 and 1904 was 1 per cent.

Table 1 gives the more important figures relative to all classes of manufactures combined, in the state of North Carolina, for the censuses of 1914, 1909, 1904, and 1899, together with the percentages of increase from census to census.

Table 1	MANUFACTURING INDUSTRIES.				PER CENT OF INCREASE. ¹		
	1914	1909	1904	1899	1909-1914	1904-1909	1899-1904
Number of establishments.....	5,507	4,931	3,272	3,465	11.7	50.7	-5.6
Persons engaged.....	151,335	133,453	93,142	(2)	13.4	43.3	-----
Proprietors and firm members.....	5,950	5,451	3,731	(2)	9.2	45.1	-----
Salaried employees.....	8,541	6,529	4,072	2,894	30.8	60.3	40.7
Wage earners (average number).....	136,844	121,478	85,330	72,322	12.6	42.3	18.0
Primary horsepower.....	508,235	375,556	216,622	154,467	34.3	74.8	40.2
Capital.....	\$253,841,308	\$217,185,588	\$141,000,639	\$68,283,005	16.9	54.0	106.5
Salaries and wages.....	56,282,679	41,258,172	25,170,755	18,446,630	36.4	63.9	53.0
Salaries.....	10,244,232	6,903,547	3,795,471	2,394,846	48.4	81.9	58.5
Wages.....	46,038,447	34,354,625	21,375,284	14,051,784	34.0	60.7	52.1
Paid for contract work.....	1,857,439	1,793,937	1,530,823	(3)	9.1	13.5	-----
Rent and taxes (including internal revenue).....	14,083,823	6,392,132	4,752,512	(3)	120.4	-----	-----
Cost of materials.....	169,941,971	121,861,530	79,288,004	44,854,224	39.5	53.7	76.7
Value of products.....	289,411,987	216,656,055	142,520,776	85,274,083	33.6	52.0	67.1
Value added by manufacture (value of products less cost of materials).....	119,470,016	94,794,525	63,252,772	40,419,859	26.0	49.9	56.5

¹ A minus sign (-) denotes decrease.

² Figures not available.

³ Exclusive of internal revenue.

MANUFACTURES—NORTH CAROLINA.

It is interesting to note that the percentages of increase for North Carolina for the period 1909-1914 are greater in all important respects than the corresponding ones for the United States as a whole. The percentages of increase reported for North Carolina's wage earners, value of products, and value added by manufacture for that period were 12.6, 33.6, and 26, respectively; whereas the corresponding percentages, for the United States as a whole, were only 6.4, 17.3,

and 15.8, respectively. Thus the state's increases in wage earners and value of products were nearly twice as great, proportionally, as those for the United States as a whole; and its increase in value added by manufacture was relatively about two-thirds greater.

Table 2 shows the relative importance of the leading manufacturing industries in 1914, and gives percentages of increase for the three 5-year periods from 1899 to 1914.

INDUSTRY.	CENSUS OF 1914.							PER CENT OF INCREASE. ¹								
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
All industries	5,507	136,844	100.0	\$289,411,987	100.0	\$119,470,016	100.0	12.6	42.3	18.0	33.6	52.0	67.1	26.0	49.0	56.5
Cotton goods	293	53,703	39.2	90,743,683	31.4	28,405,261	23.8	13.7	29.9	20.1	24.8	53.8	66.5	18.4	68.0	29.5
Tobacco manufactures.....	33	10,467	7.6	57,861,378	20.0	33,551,378	28.1	27.6	12.5	10.8	60.8	28.1	102.8	51.3	23.6	88.1
Lumber and timber products.....	2,952	34,374	25.1	39,631,573	13.7	23,311,474	19.5	1.1	100.2	-15.0	18.2	72.0	11.7	11.0	63.0	27.5
Oil, cottonseed, and cake.....	62	1,586	1.2	15,269,364	5.3	2,155,209	1.8	36.1	34.4	53.7	79.6	126.8	40.0	52.4	78.3	53.7
Fertilizers.....	41	1,690	1.2	10,307,856	3.6	2,603,639	2.2	81.1	2.8	112.6	63.2	103.8	106.9	22.1	142.1	94.1
Furniture.....	109	5,801	4.2	9,335,195	3.2	4,500,090	3.8	4.8	7.1	193.6	18.4	27.5	299.6	29.0	13.4	274.2
Flour-mill and gristmill products.....	293	588	0.4	8,963,501	3.1	1,319,718	1.1	18.5	-4.4	7.9	5.4	23.8	46.0	8.7	38.3	2.6
Hosiery and knit goods.....	74	7,787	5.7	8,892,362	3.1	2,482,703	2.1	51.2	75.0	96.9	72.6	107.4	142.8	16.0	96.5	109.8
Leather, tanned, curried, and finished.....	17	877	0.6	7,182,400	2.5	1,637,214	1.4	5.4	55.8	45.9	32.6	103.4	77.2	30.0	101.8	67.3
Cars and general shop construction and repairs by steam-railroad companies.....	16	2,806	2.1	5,047,536	1.7	2,208,723	1.8	9.3	30.2	72.9	72.0	20.0	61.7	60.9	23.7	79.6
Printing and publishing.....	329	1,540	1.1	3,232,174	1.1	2,426,142	2.0	11.9	41.7	18.6	29.4	51.1	50.1	31.0	45.7	59.9
Carriages and wagons and materials.....	137	1,462	1.1	3,133,082	1.1	1,355,695	1.1	-10.2	18.6	71.6	-4.6	42.5	118.4	-2.4	29.2	101.3
Foundry and machine-shop products.....	136	1,526	1.1	2,895,965	1.0	1,566,564	1.3	2.4	22.5	52.6	4.5	2.4	94.0	2.7	14.5	102.9
Brick, tile, pottery, and other clay products.....	139	1,612	1.2	1,520,119	0.5	1,026,306	0.9	0.2	38.2	.....	15.1	64.7	.....	12.0	50.0	.....
Ice, manufactured.....	61	519	0.4	1,125,864	0.4	784,117	0.6	63.2	35.3	46.0	70.9	57.7	83.3	63.7	49.2	94.1
Marble and stone work.....	64	704	0.5	980,643	0.3	695,087	0.6	-12.8	103.8	-1.7	11.4	120.8	99.5	6.1	106.0	92.7
Copper, tin, and sheet-iron work.....	57	338	0.2	936,927	0.3	396,341	0.3	83.7	.....	.....	150.5	92.8	92.1	147.5	83.9	67.3
Bread and other bakery products.....	66	305	0.2	873,381	0.3	351,415	0.3	61.4	64.3	.....	62.0	119.1	129.9	77.3	75.2	130.6
Gas, illuminating and heating.....	20	210	0.2	716,379	0.2	464,406	0.4	39.1	45.2	.....	94.0	65.5	71.5	88.6	61.8	63.4
Coffins, burial cases, and undertakers' goods.....	14	312	0.2	691,066	0.2	347,240	0.3	38.0	23.5	51.2	96.3	20.9	127.7	77.0	-3.0	151.2
Jute goods.....	4	350	0.3	669,047	0.2	15,224	(³)	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woolen goods.....	5	391	0.3	666,541	0.2	272,391	0.2	-7.8	23.6	66.5	-1.2	21.4	91.7	-3.9	88.7	76.5
Saddlery and harness.....	37	138	0.1	529,565	0.2	195,764	0.2	2.2	-21.0	.....	24.1	39.5	102.6	15.3	47.8	79.7
Patent medicines and compounds.....	26	74	0.1	411,568	0.2	251,311	0.2	.....	.....	.....	8.0	78.2	195.6	-2.7	103.1	135.2
Paving materials.....	6	508	0.4	585,612	0.2	389,897	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mattresses and spring beds.....	29	174	0.1	376,389	0.1	153,140	0.1	4.8	.....	.....	19.4	92.1	192.9	7.0	155.4	194.7
Agricultural implements.....	17	149	0.1	305,108	0.1	206,840	0.2	12.9	23.4	.....	16.4	106.3	28.3	20.3	126.3	31.0
All other industries.....	470	6,853	5.0	16,527,709	5.7	6,396,727	5.4	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Percentages are based on figures in Table 31; a minus sign (-) denotes decrease. Percentages are omitted when base is less than 100, or when comparable figures can not be given.

² Excluding statistics for one establishment to avoid disclosure of individual operations.

³ Less than one-tenth of 1 per cent.

To a large extent, the manufacturing industries of the state depend upon the products of agriculture. Cotton and tobacco alone furnished the raw material for more than 50 per cent of the total value of manufactured products in 1914, while lumber contributed more than a fourth of the remainder.

Separate statistics are presented for 27 industries, or industry groups, for each of which products valued at more than \$300,000 were reported for 1914. These industries include 5 with products exceeding \$10,000,000 in value, 5 with products between \$5,000,000 and \$10,000,000, 5 with products between \$1,000,000 and \$5,000,000, and 12 with products valued at less than \$1,000,000. Among those included under the head of "all other industries," the statistics for which can not be shown separately without the possibility of disclosing the operations of

individual establishments, are a number which have products exceeding in value some for which figures are shown in the table, as follows: Bags, other than paper; dyestuffs and extracts; paper and wood pulp; and waste.

The industries in this table are arranged in the order of their importance as shown by value of products, but the arrangement would vary considerably from that given if based on average number of wage earners or value added by manufacture. Cotton goods, tobacco manufactures, and lumber and timber products, the three leading industries in regard to wage earners, value of products, and value added by manufacture, show variations in this respect. Cotton goods ranked first in value of products and number of wage earners, but second in value added by manufacture. Tobacco manufactures, second in value of

products, was third in number of wage earners and first in value added by manufacture. Lumber, third in value of products and value added by manufacture, was second in number of wage earners. Oil, cottonseed, and cake, fourth in value of products, was ninth in number of wage earners and in value added by manufacture. Fertilizers, fifth in value of products, was seventh in number of wage earners and fifth in value added by manufacture. Flour-mill and grist-mill products was seventh in value of products, fifteenth in average number of wage earners, and thirteenth in value added by manufacture. This industry consists largely in the comparatively simple process of grinding grain, requiring few employees, and the proportional value added to the raw material by manufacture is very small in comparison with the corresponding proportions for most other industries.

In rank according to value of products, there were a few changes in 1914 as compared with 1909. Of the more important industries shown in the table, cotton goods, tobacco manufactures, lumber and timber products, and oil, cottonseed, and cake, held the same rank at both censuses. Fertilizers, furniture, flour-mill and gristmill products, and hosiery and knit goods, ranking fifth, sixth, seventh, and eighth, respectively, in 1914, were seventh, sixth, fifth, and ninth, respectively, in 1909. For the remainder of the industries slight changes from census to census are noticeable.

Cotton goods.—At the 1914 census, 293 establishments were reported as engaged in the manufacture of cotton goods in North Carolina. The value of the products of these establishments and the average number of wage earners employed by them represented 31.4 per cent and 39.3 per cent, respectively, of the corresponding totals for all industries in the state. The value of products reported for this industry, \$90,743,683, places North Carolina second in order of importance among the cotton manufacturing states. During the five-year period 1909–1914, the total value of products increased from \$72,680,000 to \$90,744,000, or by 24.8 per cent; the average number of wage earners from 47,231 to 53,703, or by 13.7 per cent, and the value added by manufacture from \$23,992,000 to \$28,405,000, or by 18.4 per cent. In horsepower reported, this industry led all others in the state.

Tobacco manufactures.—Second in importance in the state, this industry although showing a decrease from census to census in number of establishments, shows marked increases in average number of wage earners, amount paid in wages, cost of materials, and value of products. During the five-year period 1909–1914, the average number of wage earners increased by 27.6 per cent and the value of products by 60.8 per cent.

Lumber and timber products.—This industry, embracing the operations of logging camps, sawmills,

planing mills, and wooden-box factories, was third in importance in 1914. Its increase in average number of wage earners during the period 1909–1914 was comparatively small, amounting to only 373, or 1.1 per cent; but a considerable increase in value of products, from \$33,525,000 in 1909 to \$39,632,000 in 1914, or 18.2 per cent, is shown. The percentage of increase during the ten years from 1904 to 1914 was 103.4.

Oil, cottonseed, and cake.—The statistics presented comprise those for all establishments reported as engaged primarily in extracting oil from cotton seed or in refining crude cottonseed oil. The remarkable growth of this industry from census to census is shown by the increases in value of products and in number of wage earners. For the three five-year periods 1899–1904, 1904–1909, and 1909–1914, the percentages of increase in value of products were 40, 126.8, and 79.6, respectively. These percentages for the last two periods were twice as great as the corresponding ones for all industries combined. Furthermore, the percentage of increase for 1904–1909 was greater than for any other industry in the state; and the percentage for 1909–1914 was greater than for any other industry with products valued at more than one million dollars. These percentages, however, are affected somewhat by the general rise in prices, and so to some extent exaggerate the actual increase in quantity of products. The percentages of increase in wage earners, however, are also decidedly higher than for most other industries.

Fertilizers.—This industry, measured by value of products, ranked seventh in 1909, but took fifth place in 1914. The growth of the cottonseed-oil industry and the utilization of phosphate rock have resulted in a marked increase in the manufacture of fertilizers. The 41 establishments reported in 1914 gave employment to an average of 1,690 wage earners and manufactured products valued at \$10,308,000; the percentages of increases over the 1909 figures being 81.1 and 63.2, respectively.

Persons engaged in manufacturing industries.—Table 3 shows, for 1909 and 1914, the number of persons engaged in manufactures, distributed by sex, and the average number of wage earners distributed by age. The sex and 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" at the beginning of this bulletin.

In 1914 the number of persons engaged in manufactures was 151,335, of whom 136,844, or nine-tenths, were wage earners; 9,968 were proprietors and officials; and 4,523 were clerks and other subordinate salaried employees. Of the wage earners 16 years of age and over, 99,468, or four-fifths, were males, and 26,781, or one-fifth, were females. Figures for the sex and age distribution of wage earners for individual industries will be found in Table 33.

MANUFACTURES—NORTH CAROLINA.

Table 3

CLASS.	Cen- sus year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					CLASS.	Cen- sus year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.				
		Total.	Male.	Fe- male.	Per cent of total.				Total.	Male.	Fe- male.	Per cent of total.	
					Male.	Fe- male.						Male.	Fe- male.
All classes:.....	1914 1909	151,335 133,453	118,974 105,175	32,361 28,278	78.6 78.8	21.4 21.2	Clerks and other subordinate sala- ried employees.	1914 1909	4,523 3,043	3,082 2,513	841 530	81.4 82.6	18.6 17.4
Proprietors and officials.....	1914 1909	9,968 8,937	9,878 8,875	90 62	99.1 99.3	0.9 0.7	Wage earners (average number)...	1914 1909	136,844 121,473	105,414 93,787	31,430 27,686	77.0 77.2	23.0 22.8
Proprietors and firm members..	1914	5,950	5,880	61	99.0	1.0	16 years of age and over.....	1914	126,249	99,468	26,781	78.8	21.2
Salaried officers of corporations..	1909	5,451	5,395	56	99.0	1.0	Under 16 years of age.....	1909	107,775	86,082	21,693	79.0	20.1
Superintendents and managers..	1914	1,637	1,613	24	98.5	1.5		1914	10,595	5,946	4,649	56.1	43.9
	1909	1,460	1,456	4	99.7	0.3		1909	13,698	7,705	5,993	56.2	43.8
	1914	2,381	2,376	5	99.8	0.2							
	1909	2,026	2,024	2	99.9	0.1							

Table 4 shows, for the several classes of persons engaged in manufactures, the percentages of increase from 1909 to 1914 and the per cent distribution at the two censuses.

This table shows an increase during the five-year period for each of the several classes of employees, with the exception of wage earners under 16 years of

age, in which group a decrease of 22.6 per cent took place. The largest percentage of increase for both sexes combined, 48.6, is shown for clerks and other subordinate salaried employees. Wage earners 16 years of age and over represented 83.4 per cent of the total number of persons engaged in manufacturing industries in the state in 1914 and 80.7 in 1909.

Table 4

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.								
	Per cent of increase, ¹ 1909-1914.			Per cent distribution.					
	Total.	Male.	Female.	Total.		Male.		Female.	
				1914	1909	1914	1909	1914	1909
All classes.....	13.4	13.1	14.4	100.0	100.0	100.0	100.0	100.0	100.0
Proprietors and officials.....	11.5	11.3	.....	6.6	6.7	8.3	8.4	0.3	0.2
Proprietors and firm members.....	9.2	9.2	.....	3.9	4.1	4.9	5.1	0.2	0.2
Salaried officers of corporations.....	12.1	10.8	.....	1.1	1.1	1.4	1.4	0.1	(?)
Superintendents and managers.....	17.5	17.4	.....	1.6	1.5	2.0	1.9	(?)	(?)
Clerks and other subordinate salaried employees.....	48.6	46.5	58.7	3.0	2.3	3.1	2.4	2.6	1.9
Wage earners (average number).....	12.6	12.4	13.5	90.4	91.0	88.6	89.2	97.1	97.9
16 years of age and over.....	17.1	15.6	23.5	83.4	80.8	83.6	81.8	82.8	76.7
Under 16 years of age.....	-22.6	-22.8	-22.4	7.0	10.3	5.0	7.3	14.4	21.2

¹ A minus sign (-) denotes decrease. Percentages are omitted when base is less than 100.

² Less than one-tenth of 1 per cent.

Table 5 shows, for the three principal classes of persons engaged in manufactures, the numbers and the per cent distribution for 1914, 1909, and 1904, together with the percentages of increase for the two five-year periods.

Each of the three classes shown in this table as well as the total for all classes combined show increases for both five-year periods; but the increases, both absolute and relative, are much greater for the earlier than for the later period.

Table 5

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.							
	Number.			Per cent distribution.			Per cent of increase.	
	1914	1909	1904	1914	1909	1904	1909-1914	1904-1909
Total.....	151,335	133,453	93,142	100.0	100.0	100.0	13.4	43.3
Proprietors and firm members.....	5,950	5,451	3,731	3.9	4.1	4.0	9.2	46.1
Salaried employees.....	8,541	6,529	4,072	5.6	4.9	4.4	30.8	60.3
Wage earners (average number).....	136,844	121,473	85,339	90.4	91.0	91.6	12.6	42.3

Table 6 shows, for 1914, 1909, and 1904, for all industries combined and for 1914 and 1909, for important industries separately, the average number of wage earners employed and their per cent distribution as males 16 years of age and over, females 16 years of age and over, and children under 16 years of age.

For all industries combined, the proportion of male wage earners 16 years of age and over has been greater at each successive census, while the proportion of females decreased between 1904 and 1909 but increased somewhat during the next five-year period. The actual number of females employed, however, has increased from census to census. The proportion of children under 16 employed as wage earners has decreased from census to census, although this class increased in actual number between 1904 and 1909.

Of the 16 industries for which separate figures are given in this table, 10 show an increase from 1909 to 1914 in proportion of males and 11 an increase in proportion of females, while in only one—marble and stone work—was there an increase in proportion of

children under 16 years of age. There were, however, only 14 children employed in this industry in 1914 and 8 in 1909. Hosiery and knit goods is the only industry in which the combined proportion of women and children employed as wage earners is greater than that of men. In this industry children under 16 years of age formed 27.7 per cent of the total average number

of wage earners in 1909, but by 1914 the proportion had fallen to 16.8 per cent. The wage earners under 16 years of age, in North Carolina, are employed principally in the hosiery and knit goods, cotton goods, and tobacco manufactures industries, which together employ about nine-tenths of all the wage earners in this age period.

Table 6

INDUSTRY.	Census year.	WAGE EARNERS.				INDUSTRY.	Census year.	WAGE EARNERS.			
		Average number. ¹	Per cent of total.					Average number.	Per cent of total.		
			16 years of age and over.	Under 16 years of age.					16 years of age and over.	Under 16 years of age.	
				Male.	Female.					Male.	Female.
All industries.....	1914 1909 1904	136,844 121,473 85,339	72.7 70.9 64.9	19.6 17.9 21.4	7.7 11.3 13.6	Hosiery and knit goods.....	1914 1909	7,787 5,151	30.8 22.5	52.4 49.7	16.8 27.7
Brick, tile, pottery, and other clay products.	1914 1909	1,612 1,608	97.0 92.5	..... .....	3.0 7.5	Ice, manufactured.....	1914 1909	519 318	98.1 98.1	1.5	0.4 1.9
Carriages and wagons and materials.....	1914 1909	1,462 1,629	98.6 95.2	0.9 0.4	0.5 4.4	Leather, tanned, curried, and finished.....	1914 1909	877 832	99.5 99.5	0.3	0.1 0.5
Cars and general shop construction and repairs by steam-railroad companies.	1914 1909	2,806 2,568	99.1 99.6	0.9 0.2	..... 0.2	Lumber and timber products.....	1914 1909	34,374 34,001	98.9 98.6	0.3 0.1	0.8 1.3
Cotton goods.....	1914 1909	53,703 47,231	55.3 51.1	31.4 30.0	13.3 18.9	Marble and stone work.....	1914 1909	704 807	98.2 99.3	..... .....	1.8 0.7
Fertilizers.....	1914 1909	1,690 933	100.0 100.0	..... .....	..... .....	Oil, cottonseed, and cake.....	1914 1909	1,586 1,165	99.4 97.9	0.1 0.1	0.5 2.1
Flour-mill and gristmill products.....	1914 1909	588 496	99.8 98.0	..... 0.6	0.2 1.4	Printing and publishing.....	1914 1909	1,540 1,376	76.9 79.0	15.3 12.1	7.8 8.9
Foundry and machine-shop products.....	1914 1909	1,526 1,490	99.3 98.8	0.4 0.3	0.3 0.9	Tobacco manufactures.....	1914 1909	10,467 8,203	57.5 54.1	33.1 28.8	9.4 17.1
Furniture.....	1914 1909	5,801 5,533	93.9 92.4	0.2 (²)	5.9 7.6	All other industries.....	1914 1909	9,802 8,132	76.2 62.2	20.3 29.2	3.5 8.6

¹ For method of estimating the distribution, by sex and age periods, of the average number for all industries combined, see "Explanation of terms."
² Less than one-tenth of 1 per cent.

Table 7 shows the average number and the per cent distribution of wage earners employed in each of the 10 cities having more than 10,000 inhabitants, classi-

fied according to age periods, and in the case of those 16 years of age and over, according to sex, for 1914, 1909, and 1904.

Table 7

SEX AND AGE.	Census year.	AVERAGE NUMBER OF WAGE EARNERS IN—									
		Asheville.	Charlotte.	Durham.	Greensboro.	High Point.	New Bern.	Raleigh.	Rocky Mount.	Wilmington.	Winston-Salem.
Total.....	1914 1909 1904	951 1,978 792	3,799 4,199 2,234	4,764 13,699	1,229 952 1,098	3,582	848	1,051 1,023 585	1,454	1,721 1,213 1,594	9,634 27,636
16 years of age and over:											
Male.....	1914 1909 1904	764 1,712 550	2,772 2,930 1,312	2,546 11,751	799 602 1,751	2,585	829	789 655 502	1,313	1,548 1,096 1,414	5,543 4,248
Female.....	1914 1909 1904	169 217 118	781 956 649	1,614 1,080	318 271 273	688	5	236 273 74	128	154 77 150	3,227 2,206
Under 16 years of age.....	1914 1909 1904	18 49 124	246 313 273	604 868	112 79 74	309	14	26 95 9	13	19 40 130	864 1,182
Per cent of total:											
16 years of age and over—											
Male.....	1914 1909 1904	80.3 72.8 69.4	73.0 69.8 58.7	53.4 47.3	65.0 63.2 68.4	72.2	97.8	75.1 64.0 85.8	90.3	89.9 90.4 88.7	57.5 55.6
Female.....	1914 1909 1904	17.8 22.2 14.9	20.6 22.2 29.1	33.9 29.2	25.9 28.5 24.9	19.2	0.6	22.4 26.7 12.6	8.8	9.0 6.3 9.4	33.5 28.9
Under 16 years of age.....	1914 1909 1904	1.9 5.0 15.7	6.5 7.4 12.2	12.7 23.5	9.1 8.3 6.7	8.6	1.6	2.5 9.3 1.5	0.9	1.1 3.3 1.9	9.0 15.5

¹ Figures do not agree with those published, because it was necessary to revise them in order to include data only for those establishments located within the corporate limits of the city.
² Figures represent a consolidation of Winston and Salem.

Table 8 gives percentages of increase from census to census, based on the figures in Table 7, for cities where per cent of increase can be computed.

As might be expected, the proportion of male wage earners 16 years of age and over is greatly in excess of that for females in every city, the only cities in which the proportion of adult males in 1914 fell below 65 per cent being Durham and Winston-Salem; and in each of these places it increased between 1909 and 1914. The percentages for all cities combined were 67.1 for men, 25.2 for women, and 7.7 for children. The 4 cities for which per cents are given show marked decreases from census to census in both numbers and proportions of wage earners under 16 years of age.

Wilmington is the only city which shows a decrease from 1909 to 1914 in the proportion of male wage earners 16 years of age and over. This decrease, however, is very slight. The female wage earners in Wilmington represent only a small proportion of the total—9 per cent in 1914, as against 6.3 per cent in 1909.

In Winston-Salem, by far the most important city of the state in respect to number of wage earners employed, the percentage of males 16 years of age and over increased from 55.6 in 1909 to 57.5 in 1914, and during the same period the percentage of adult females rose from 28.9 to 33.5, while that of children employed as wage earners decreased from 15.5 to 9.

The highest percentage of increase during the last five-year period in total number of wage earners, 41.9, is shown for Wilmington; the next highest, 29.1, for Greensboro; and the third highest, 28.8, for Durham.

CITY.	PER CENT OF INCREASE ¹ IN AVERAGE NUMBER OF WAGE EARNERS.				
	Period.	Total.	16 years of age and over.		Under 16 years of age.
			Male.	Female.	
Asheville.....	1904-1914	20.0	38.9	43.2	.....
	1909-1914	-2.8	7.3	-22.1	.....
	1904-1909	23.5	29.4	83.9	-60.5
Charlotte.....	1904-1914	70.0	111.3	20.3	-9.9
	1909-1914	-9.5	-5.4	-18.3	-21.4
	1904-1909	88.0	123.3	47.3	14.6
Durham.....	1909-1914	28.8	45.4	49.4	-30.4
Greensboro.....	1904-1914	11.9	6.4	16.5	.....
	1909-1914	29.1	32.7	17.3	.....
	1904-1909	-13.3	-19.8	-0.7	.....
Raleigh.....	1904-1914	79.6	57.2	218.9	.....
	1909-1914	2.7	20.4	-13.6	.....
	1904-1909	74.9	30.5	268.9	.....
Wilmington.....	1904-1914	8.0	9.5	2.7	.....
	1909-1914	41.9	41.2	100.0	.....
	1904-1909	-23.9	-22.5	-48.7	.....
Winston-Salem.....	1909-1914	26.2	30.5	46.3	-26.9

¹ A minus sign (-) denotes decrease. Percentages are omitted when base is less than 100.

Wage earners employed, by months.—Table 9 shows, for all industries combined, the total number of wage earners employed on the 15th of each month, or the nearest representative day, for the years 1914 and

1909, and the average number employed during each month in 1904, together with the percentage which the number reported for each month forms of the greatest number reported for any month.

MONTH.	WAGE EARNERS IN MANUFACTURING INDUSTRIES.					
	Number. ¹			Per cent of maximum.		
	1914	1909	1904	1914	1909	1904
January.....	138,553	117,007	82,610	97.9	90.9	94.4
February.....	138,731	118,464	84,597	98.0	92.0	96.6
March.....	141,491	120,354	87,106	100.0	93.5	99.5
April.....	140,511	120,038	87,546	99.3	93.2	100.0
May.....	139,150	118,441	86,828	98.3	92.0	99.2
June.....	137,182	117,713	85,717	97.0	91.4	97.9
July.....	136,775	118,953	82,928	96.7	92.4	94.7
August.....	135,010	120,417	81,683	95.4	93.5	93.3
September.....	134,465	123,496	85,955	95.0	95.9	98.2
October.....	133,804	126,265	87,156	94.6	98.1	99.6
November.....	133,545	127,774	86,876	94.4	99.2	99.2
December.....	132,911	128,754	85,066	93.9	100.0	97.2

¹ The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during the month.

For 1914 the spring months show the greatest activity in the combined industries of the state, the maximum number of wage earners appearing for March and the minimum for December. The year 1909 shows a very different condition, the maximum month being December and the minimum January, while in 1904 the maximum was April and the minimum August. The greatest difference between the maximum and minimum months in any one of the three census years was 11,747, or 9.1 per cent of the maximum, in 1909.

Table 10 gives the total average number of wage earners employed during 1914, together with the total number employed on the 15th of each month, or the nearest representative day, for the combined industries of the state, for a number of selected industries, and for the total industries of each of the 10 cities having more than 10,000 inhabitants.

Of the selected industries, oil, cotton seed, and cake, an industry ranking fourth in the state, shows the greatest degree of fluctuation, the number of wage earners in July being but 19.4 per cent of the number in February. This industry, however, together with brick, tile, pottery, and other clay products and fertilizers, being a seasonal one, the fluctuation is natural. The least fluctuation is shown for flour mill and grist-mill products, for which industry the proportion which the minimum formed of the maximum was 98.1 per cent.

Of the 10 cities, New Bern shows the greatest fluctuation, the percentage that the minimum formed of the maximum for this city being only 61.1. For no other city was the corresponding percentage less than 78. The smallest degree of fluctuation appears for Rocky Mount, for which the percentage was 95.7; and for three other cities—Durham, Winston-Salem, and Charlotte—it was more than 90.

Table 10

WAGE EARNERS: 1914.
[The month of maximum employment for each industry is indicated by boldface 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.....	136,844	138,553	138,731	141,491	140,511	139,150	137,182	136,775	135,010	134,465	133,804	133,545	<i>132,911</i>	93.9
Brick, tile, pottery, and other clay products.....	1,612	827	909	1,228	1,957	2,237	2,299	2,270	2,159	2,001	1,526	1,115	816	35.5
Carriages and wagons and materials.....	1,462	1,565	1,609	1,658	1,643	1,641	1,653	1,599	1,701	1,237	1,174	1,104	960	56.4
Cars and general shop construction and repairs by steam-railroad companies.....	2,806	2,818	2,844	2,883	2,964	2,830	2,805	2,936	2,865	2,833	2,645	<i>2,620</i>	2,629	88.4
Cotton goods.....	53,703	54,680	54,462	54,388	54,440	54,268	53,842	53,695	52,743	<i>52,451</i>	52,969	53,141	53,357	95.9
Fertilizers.....	1,690	1,536	1,822	3,062	3,081	1,929	1,236	1,030	1,150	1,243	1,451	1,378	1,362	33.4
Flour-mill and gristmill products.....	588	586	587	589	586	<i>581</i>	585	591	589	592	591	589	590	98.1
Foundry and machine-shop products.....	1,526	1,562	1,591	1,609	1,601	1,598	1,596	1,596	1,582	1,522	1,360	<i>1,346</i>	1,349	83.7
Furniture.....	5,801	6,407	6,330	6,331	6,183	6,013	5,936	5,917	5,925	5,589	5,202	4,938	<i>4,841</i>	75.6
Hosiery and knit goods.....	7,787	7,893	7,912	8,095	8,056	8,021	7,951	7,765	7,709	7,749	<i>7,776</i>	7,445	7,602	89.9
Ice, manufactured.....	519	<i>317</i>	324	340	414	627	731	859	729	637	513	376	361	36.9
Leather, tanned, curried, and finished.....	877	797	781	844	929	954	991	1,006	968	854	820	799	781	77.6
Lumber and timber products.....	34,374	34,701	34,441	35,326	34,509	34,709	34,422	34,525	33,856	<i>33,678</i>	34,347	34,053	33,922	95.3
Marble and stone work.....	704	<i>518</i>	727	763	726	755	732	777	771	722	716	678	563	66.7
Oil, cottonseed, and cake.....	1,586	2,443	2,464	2,152	1,492	916	533	<i>478</i>	502	1,127	2,118	2,397	2,410	19.4
Printing and publishing.....	1,540	1,514	<i>1,506</i>	1,523	1,514	1,535	1,533	1,533	1,525	1,534	1,585	1,589	1,589	94.8
Tobacco manufactures.....	10,467	10,517	10,479	10,542	10,275	10,525	10,579	10,594	10,476	10,757	<i>10,161</i>	10,361	10,337	94.5
All other industries.....	9,802	9,902	9,943	10,158	10,141	10,011	9,758	9,604	9,760	9,939	<i>9,350</i>	9,616	9,442	92.0
Total for cities.....	29,033	29,687	29,804	30,066	29,591	29,354	29,250	29,075	28,609	28,806	28,285	28,247	27,622	91.9
ASHEVILLE.....	951	<i>853</i>	864	916	977	965	1,007	1,020	1,025	1,000	988	920	877	83.2
CHARLOTTE.....	3,790	3,996	4,021	3,956	3,860	3,699	3,676	3,738	3,712	3,785	3,741	3,705	3,705	91.4
DURHAM.....	4,764	4,773	4,674	4,869	<i>4,643</i>	4,764	4,715	4,710	4,648	4,920	4,858	4,879	4,715	94.4
GREENSBORO.....	1,229	1,230	1,221	1,298	1,291	1,358	1,258	1,232	1,215	1,148	1,144	1,144	<i>1,064</i>	78.4
HIGH POINT.....	3,582	3,792	3,823	3,862	3,816	3,752	3,750	3,619	3,547	3,428	3,338	3,202	<i>3,056</i>	79.1
NEW BERN.....	848	937	1,012	908	1,057	832	825	939	679	<i>646</i>	834	840	667	61.1
RALEIGH.....	1,051	1,094	1,125	1,131	1,004	1,045	1,075	1,045	1,028	1,007	1,012	988	988	87.4
ROCKY MOUNT.....	1,454	1,474	1,482	1,472	1,480	1,464	1,422	1,420	<i>1,419</i>	1,436	1,459	1,457	1,457	95.7
WILMINGTON.....	1,721	1,828	1,870	1,978	1,756	1,665	1,666	1,666	1,687	1,680	1,674	<i>1,538</i>	1,605	80.3
WINSTON-SALEM.....	9,634	9,710	9,712	9,676	9,647	9,810	9,813	9,722	9,606	9,762	<i>9,189</i>	9,482	9,479	93.6

Prevailing hours of labor.—Table 11 presents, for 1914 and 1909, for all industries combined and for selected industries throughout the state, a classification of wage earners according to number of hours of labor per week prevailing in the establishments in which they were employed. A similar classification is given, for 1914 only, for all industries combined in each city having more than 10,000 inhabitants. The number employed in each establishment is classified as a total, even though a few employees worked a greater or a smaller number of hours.

The figures in this table, for the state as a whole and for the selected industries, emphasize the tendency toward a shortening of the working day of wage earners. In 1909, 52,647, or more than two-fifths of the total average number of wage earners for all industries combined, were employed in establishments where the prevailing hours of labor were more than 60 per week, whereas 9,877, or only about one-fourteenth, were so employed in 1914. On the other hand, the number of wage earners whose working hours were 60 per week increased from 47,974, or 39.5 per cent of the total for the state, in 1909 to 100,236, or 73.2 per cent of the total, in 1914; and during the five-year period there was a marked increase in the pro-

portion in each of the four classes working fewer than 60 hours per week.

Among the separate industries cotton goods shows the most pronounced decrease in hours of labor. In 1909, 16 per cent of the wage earners were employed in establishments where the hours were 60 or fewer per week, but in 1914 the proportion had increased to 99.6 per cent. A change in the same direction will also be noted in the case of hosiery and knit goods.

In 1914, for all industries combined and for most of them separately, the majority of the wage earners were employed in establishments in which the prevailing hours of labor were 60 per week. There were, however, a few notable exceptions. In tobacco manufactures nearly all the employees—95.6 per cent—were reported by establishments with prevailing hours between 54 and 60 per week; in cars and general shop construction and repairs by steam-railroad companies considerably more than half were reported by establishments where the prevailing hours were 54 per week, and nearly all the remainder by establishments with prevailing hours between 60 and 72; in printing and publishing the prevailing hours for nearly half of the employees were 48 and under, and more than half the remainder were establishments reporting 54 hours.

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In the cottonseed-oil industry all wage earners were employed in establishments operating 60 hours and over per week; and in the manufacture of ice such establishments gave employment to 97.1 per cent of the wage earners reported for the industry.

Of the combined total average number of wage earners, 29,033, for the 10 cities in 1914, 26,849, or 92.5 per cent, were in establishments where the prevailing hours were 60 or fewer per week, while only 2,184 were in establishments in which the hours were more than 60 per week.

In Winston-Salem the proportion of wage earners in establishments in which the prevailing hours were more than 54 but less than 60 per week was nearly four-fifths—much greater than in any other city. The largest proportion in the 60-hour group—nearly three-fourths—is shown by Charlotte; and the largest in establishments with prevailing hours between 60 and 72—nearly 70 per cent—appears for Rocky Mount. On the other hand, by far the greatest proportion in establishments reporting their prevailing hours as 48 and under—22 per cent—is found for Raleigh.

Table 11

AVERAGE NUMBER OF WAGE EARNERS.

INDUSTRY AND CITY.	Census year.	In establishments where the prevailing hours of labor per week were—								
		Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	1914	136,844	2,360	2,578	3,950	17,843	100,236	7,429	1,937	511
	1909	121,473	1,648	1,447	3,741	14,016	47,974	49,834	2,672	141
Brick, tile, pottery, and other clay products.....	1914	1,612	67	113	64	464	870	20	14	
	1909	1,608	20	86	23	288	1,138	43		10
Carriages and wagons and materials.....	1914	1,462	8	4	50	410	989	1		
	1909	1,629	19	8	32	252	1,306	4	8	
Cars and general shop constructions and repairs by steam-railroad companies.....	1914	2,806			1,670	8	61	1,067		
	1909	2,568		121	2,389		58			
Cotton goods.....	1914	53,703					53,491	212		
	1909	47,281				52	7,499	30,680		
Fertilizers.....	1914	1,690	5	9	66	501	983	101	25	
	1909	933			2	70	686	36	139	
Flour-mill and gristmill products.....	1914	588	11		5	15	399	114	44	
	1909	496	14	4	7	18	307	117	29	
Foundry and machine-shop products.....	1914	1,526	9	43	324	195	955			
	1909	1,490	6	6	118	234	1,123	3		
Furniture.....	1914	5,801	162	429	170	502	4,538			
	1909	5,533	3	1	163	802	4,559			
Hosiery and knit goods.....	1914	7,787			6	683	7,080	18		
	1909	5,151				689	2,524	1,938		
Ice, manufactured.....	1914	519				15	140	33	159	172
	1909	313			3		71	3	154	87
Leather, tanned, curried, and finished.....	1914	877				139	738			
	1909	832		1	1	8	820	2		
Lumber and timber products.....	1914	34,374	635	1,675	223	3,245	23,410	4,953	8	225
	1909	34,001	733	729	257	2,645	22,838	6,540	259	
Marble and stone work.....	1914	704	505	5	135	15	44			
	1909	807	118	319	220	74	76			
Oil, cottonseed, and cake.....	1914	1,586					77	759	750	
	1909	1,165					43	95	1,025	2
Printing and publishing.....	1914	1,540	720	79	420	90	231			
	1909	1,376	527	70	308	137	297	37		
Tobacco manufactures.....	1914	10,467	1	60	36	10,007	363			
	1909	8,203	66	59	4	7,628	446			
All other industries.....	1914	9,802	237	161	781	1,554	5,867	151	937	114
	1909	8,132	142	43	209	1,119	4,183	1,336	1,058	42
Total for cities.....	1914	29,033	812	480	1,656	10,938	12,963	1,623	369	102
ASHEVILLE.....	1914	951	70	31	62	99	620	36	14	13
CHARLOTTE.....	1914	3,799	81	40	413	170	2,799	94	141	61
DURHAM.....	1914	4,764	61	19	67	2,201	2,407			10
GREENSBORO.....	1914	1,229	77	5	322	114	685	14	8	4
HIGH POINT.....	1914	3,532	81	349	112	513	2,502	7	18	
NEW BERN.....	1914	848	11		214		473	132	18	
RALEIGH.....	1914	1,051	232	2	67	33	625	61	31	
ROCKY MOUNT.....	1914	1,454	4	1	10	6	377	1,014	25	17
WILMINGTON.....	1914	1,721	109	14	345	183	714	217	99	35
WINSTON-SALEM.....	1914	9,634	80	19	54	7,014	1,761	48	15	43

Location of establishments.—Table 12 shows, for 1914, 1909, and 1899, the extent to which the manufactures in North Carolina were centralized in the cities having more than 10,000 inhabitants.

In accepting the statistics in this table it must be remembered that some of the cities, notably High Point, New Bern, and Rocky Mount, that had a population of 10,000 and over at the census of 1914 were

included in the district outside of the cities at prior censuses. The table shows that for 1914 the cities, which represented 8.9 per cent of the estimated population of the state, reported 41.6 per cent of the total

value added by manufacture, 34.9 per cent of the total value of products, 21.2 per cent of the total average number of wage earners, but only 11.2 per cent of the total number of establishments.

Table 12

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.				DISTRICTS OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 AND 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.....	1914 1910 1900	10 7 6	10 7 6		7 5 6		3 2			
Population ¹	1914 1910 1900	2,339,452 2,206,287 1,893,810	208,956 149,045 87,447	8.9 6.8 4.6	114,190 89,283 87,447	4.8 4.0 4.6	94,766 59,762	4.1 2.7	2,130,496 2,057,242 1,806,363	91.1 93.2 95.4
Number of establishments.....	1914 1909 1899	5,507 4,931 3,465	618 453 256	11.2 9.2 7.4	367 281 256	6.7 5.7 7.4	251 172	4.6 3.5	4,889 4,478 3,209	88.8 90.8 92.6
Average number of wage earners.....	1914 1909 1899	136,844 121,473 72,322	29,033 18,797 9,264	21.2 15.5 12.8	13,879 13,385 9,264	10.1 11.0 12.8	15,154 5,412	11.1 4.5	107,811 102,676 63,058	78.8 84.5 87.2
Value of products.....	1914 1909 1899	\$289,411,987 216,656,055 85,274,083	\$100,986,515 61,171,160 14,530,673	34.9 28.2 17.0	\$47,711,215 47,706,759 14,530,673	16.5 22.0 17.0	\$53,275,300 13,464,401	18.4 6.2	\$188,425,472 155,484,895 70,743,410	65.1 71.8 83.0
Value added by manufacture.....	1914 1909 1899	119,470,016 94,794,525 40,419,859	49,687,569 31,354,345 7,139,230	41.6 33.1 17.7	23,292,055 26,324,468 7,139,230	19.5 27.8 17.7	26,395,514 5,029,877	22.1 5.3	69,782,447 63,440,180 33,280,629	58.4 66.9 82.3

¹ Census estimate of population for 1914.

Table 13 shows the relative importance in manufactures of each of the 10 cities having more than 10,000 inhabitants, as measured by average number of wage earners and by value of products, in 1914, 1909, and 1904. The cities are listed in the order of their importance as shown by value of products. Those for which comparative figures are not shown for 1909 and 1904 had less than 10,000 inhabitants in those years.

Table 13

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1914	1909	1904	1914	1909	1904
Winston-Salem.....	9,634	17,636	.....	\$37,287,683	\$18,239,743	.....
Durham.....	4,764	23,099	.....	27,597,258	23,026,578	.....
Charlotte.....	3,799	4,199	2,234	10,962,113	10,459,684	\$4,849,630
High Point.....	3,582	.....	.....	5,931,701	.....	.....
Wilmington.....	1,721	1,213	1,594	5,025,504	3,004,717	2,904,323
Greensboro.....	1,229	952	1,098	3,464,328	2,031,606	1,743,837
Asheville.....	951	2,978	792	3,148,802	2,198,466	1,918,362
Raleigh.....	1,051	1,023	585	2,915,767	2,375,827	1,086,671
Rocky Mount.....	1,454	.....	.....	2,742,802	.....	.....
New Bern.....	848	.....	.....	1,910,497	.....	.....

¹ Figures represent a consolidation of Winston and Salem.

² Figures do not agree with those published because it was necessary to revise them in order to include data only for those establishments located within the corporate limits of the city.

Winston and Salem were consolidated in 1913, and the figures published in this table for 1909 are therefore the combined totals for the city of Winston and the town of Salem. The principal industries in Winston-Salem are hosiery and knit goods, tobacco manufactures, woolen, worsted, and felt goods, and lumber and timber products. Durham also has large cotton and hosiery and knitting mills, and the output of its tobacco-manufacturing establishments is the greatest for any city in the state. Charlotte, which ranks third among the cities, has a diversity of indus-

tries, the most important being cotton goods, fertilizers, foundry and machine-shop products, oil, cottonseed, and cake, and printing and publishing.

It will be noted that the ranking of Greensboro, Asheville, and Rocky Mount in number of wage earners varies from their ranking in value of products.

Character of ownership.—Table 14 presents statistics in respect to character of ownership, or legal organization, of manufacturing enterprises. For all industries combined, for the state as a whole, comparative figures are given for 1914, 1909, and 1904; for selected industries, statistics for 1914 and 1909 are shown; and for individual cities the figures are for all industries combined and relate only to 1914. In order to avoid disclosing the operations of individual establishments, it is necessary to omit several important industries from this table.

This table shows for all industries combined an increase during the decade in the number of establishments throughout the state under each form of ownership. The greatest proportion of the establishments—nearly one-half of the total in 1914—is shown for those under individual ownership; but in value of products and average number of wage earners, those owned by corporations greatly predominate. In 1914, although only 26 per cent of the total number of establishments in the state were under corporate ownership, this class reported 86.2 per cent of the total value of products and 82 per cent of the total average number of wage earners. In 1909 and 1904 the corresponding proportions are only slightly less. The proportions of average number of wage earners and value of products reported by corporations have been greater at each

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successive census. For both 1914 and 1909, with the single exception of marble and stone work for 1914, the largest proportion of the total value of products for each of the 15 industries for which separate statis-

tics are given is shown for establishments under corporate ownership. This condition prevailed also in 1914, as regards all industries combined, in each of the 10 cities.

INDUSTRY AND CITY.	Cen- sus year.	AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		NUMBER OF ESTABLISHMENTS OWNED BY—			Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.			
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Corpora- tions.	All oth- ers.	
All industries.....	1914	2,680	1,444	1,383	136,844	14,538	112,215	10,091	10.6	82.0	7.4	\$289,411,987	\$21,131,123	\$249,417,500	\$18,863,355	7.3	86.2	6.5	
	1909	2,265	1,339	1,327	121,473	14,215	95,885	11,373	11.7	78.9	9.4	216,656,055	17,451,179	182,140,664	17,064,212	8.1	84.1	7.8	
	1904	1,425	879	968	85,339	10,184	65,954	9,201	11.9	77.3	10.8	142,520,776	14,318,319	113,510,110	14,692,347	10.0	79.6	10.3	
Brick, tile, pottery, and other clay products.	1914	53	34	52	1,612	345	768	499	21.4	47.6	31.0	1,520,119	293,220	846,459	380,440	19.3	55.7	25.0	
	1909	73	42	61	1,608	442	689	477	27.5	42.8	29.7	1,320,545	361,636	591,389	367,520	27.4	44.8	27.8	
Carriages and wagons and materials.	1914	71	29	37	1,462	407	771	284	27.8	52.8	19.4	3,133,082	596,542	1,946,969	589,571	10.0	62.2	18.8	
	1909	71	29	38	1,629	423	800	406	26.0	49.1	24.9	3,282,634	692,098	1,847,259	743,277	21.1	56.3	22.6	
Cars and general shop construction and repairs by steam-railroad companies.	1914	-----	16	-----	2,806	-----	2,806	-----	100.0	-----	-----	-----	5,047,536	-----	-----	-----	100.0	-----	-----
	1909	-----	12	-----	2,568	-----	2,568	-----	100.0	-----	-----	-----	2,933,776	-----	-----	-----	100.0	-----	-----
Cotton goods.....	1914	11	273	9	53,703	834	52,075	794	1.5	97.0	1.5	90,743,683	1,811,435	87,694,395	1,237,853	2.0	96.6	1.4	
	1909	9	262	10	47,231	648	45,640	943	1.4	96.6	2.0	72,680,385	924,409	70,401,045	1,354,931	1.3	96.9	1.8	
Fertilizers.....	1914	4	33	4	1,690	52	1,611	27	3.1	95.3	1.6	10,307,856	384,074	9,882,332	41,450	3.7	95.9	0.4	
	1909	6	22	6	933	22	873	38	2.4	93.6	4.1	6,316,485	59,123	6,115,481	141,881	0.9	95.8	2.2	
Flour-mill and gristmill products.	1914	136	54	103	588	221	190	177	37.6	32.3	30.1	8,963,501	2,640,852	3,784,363	2,538,286	29.5	42.2	28.3	
	1909	106	42	101	496	146	169	181	29.4	34.1	36.5	8,501,219	2,219,058	3,581,627	2,700,534	26.1	42.1	31.8	
Foundry and machine-shop products.	1914	54	55	27	1,526	242	956	328	15.9	62.6	21.5	2,895,965	430,180	1,873,860	591,925	14.9	64.7	20.4	
	1909	38	45	19	1,490	330	1,005	155	22.1	67.5	10.4	2,771,287	460,164	2,112,722	198,401	16.6	76.2	7.2	
Furniture.....	1914	4	89	16	5,801	113	5,259	429	1.9	90.7	7.4	9,335,195	246,340	8,856,631	732,224	2.6	89.5	7.8	
	1909	11	98	8	5,533	182	5,191	160	3.3	93.8	2.9	7,884,679	207,190	7,462,105	215,984	2.6	94.6	2.7	
Hosiery and knit goods...	1914	10	57	7	7,787	360	7,241	186	4.6	93.0	2.4	8,892,362	296,806	8,407,655	187,901	3.3	94.6	2.1	
	1909	5	44	13	5,151	240	4,390	521	4.7	85.2	10.1	5,151,692	185,322	4,407,458	558,912	3.6	85.6	10.8	
Ice, manufactured.....	1914	7	44	10	519	36	462	21	6.9	89.0	4.1	1,125,864	36,500	1,034,878	54,486	3.2	91.9	4.8	
	1909	3	37	5	318	7	301	10	2.2	94.7	3.1	659,377	13,300	629,415	16,002	2.0	95.5	2.5	
Leather, tanned, curried, and finished.	1914	5	6	6	877	-----	613	264	4.1	69.9	30.1	7,182,400	-----	4,241,239	2,941,161	-----	59.1	40.0	
	1909	18	10	11	832	34	653	145	4.1	78.5	17.4	5,415,495	102,093	3,640,628	1,667,374	1.9	67.3	30.8	
Lumber and timber products.	1914	1,782	277	893	34,374	9,675	19,049	5,650	28.2	55.4	16.4	39,631,573	9,692,984	23,861,089	6,577,500	24.5	58.9	10.6	
	1909	1,429	313	802	34,001	9,773	17,857	6,371	28.7	52.5	18.7	33,524,653	8,122,842	19,645,935	5,755,870	24.2	58.0	17.2	
Marble and stone work...	1914	30	10	24	704	107	284	313	15.2	40.3	44.5	980,643	224,884	297,013	458,746	22.9	30.3	40.8	
	1909	21	13	22	807	97	496	214	12.0	61.5	26.5	881,343	177,557	438,878	264,908	20.1	49.8	30.1	
Printing and publishing..	1914	173	102	54	1,540	473	864	203	30.7	56.1	13.2	3,232,174	789,019	2,086,233	356,922	24.4	64.5	11.1	
	1909	161	82	79	1,376	470	634	272	34.1	46.1	19.8	2,497,493	665,546	1,413,208	418,739	26.6	56.0	16.6	
Tobacco manufactures....	1914	14	12	7	10,467	199	9,995	273	1.9	95.5	2.6	57,861,378	432,614	56,976,534	452,230	0.7	98.5	0.8	
	1909	18	14	11	8,203	299	7,283	621	3.6	88.8	7.6	35,986,639	619,737	34,192,231	1,174,671	1.7	95.0	3.3	
Total for cities.....	1914	193	338	87	20,033	1,487	26,410	1,136	5.1	91.0	3.9	100,986,515	3,553,249	95,151,647	2,281,619	3.5	94.2	2.3	
ASHEVILLE.....	1914	18	21	6	951	94	766	91	9.9	80.5	9.6	3,148,802	159,009	2,776,325	213,468	5.0	88.2	6.8	
CHARLOTTE.....	1914	19	75	13	3,799	270	3,454	75	7.1	90.9	2.0	10,962,113	627,947	10,100,635	233,531	5.7	92.1	2.1	
DURHAM.....	1914	25	30	7	4,764	88	4,654	22	1.8	97.7	0.5	27,597,258	256,115	27,279,043	62,100	0.9	98.9	0.2	
GREENSBORO.....	1914	27	30	13	1,229	194	925	110	15.8	75.3	8.9	3,464,328	583,783	2,702,053	178,492	16.9	78.0	5.1	
HIGH POINT.....	1914	23	47	12	3,582	195	3,095	292	5.4	86.4	8.2	5,931,761	381,473	5,055,839	494,449	6.4	85.3	8.3	
NEW BERN.....	1914	9	17	3	848	58	725	65	6.8	85.5	7.7	1,910,497	169,084	1,665,464	75,949	8.8	87.2	4.0	
RALEIGH.....	1914	24	26	9	1,051	163	810	78	15.5	77.1	7.4	2,915,767	306,111	2,439,480	170,176	10.5	83.7	5.8	
ROCKY MOUNT.....	1914	3	15	2	1,454	28	1,412	14	1.9	97.1	1.0	2,742,802	33,346	2,686,040	23,416	1.2	97.9	0.9	
WILMINGTON.....	1914	27	35	9	1,721	141	1,432	148	8.2	83.2	8.6	5,025,504	445,258	4,279,538	300,708	8.9	85.1	6.0	
WINSTON-SALEM.....	1914	18	42	13	9,634	256	9,137	241	2.7	94.8	2.5	37,287,633	591,123	36,167,230	529,330	1.6	97.0	1.4	

Size of establishments.—Table 15 shows, for all industries combined, for 1914, 1909, and 1904, the number of establishments, grouped according to the value of products and for each group, the average number of wage earners, value of products, and value added by manufacture. The per cent distribution of the items constituting each total is also given.

For 1914, 554 establishments, or 10 per cent of the total number in the state, each reported products exceeding \$100,000 in value, as compared with 431, or 8.7 per cent of the total, for 1909, and 318, or 9.7 per cent, for 1904. For 1914 these establishments re-

ported 72 per cent of the total average number of wage earners for the state, 80 per cent of the total value of products, and 76.1 per cent of the total value added by manufacture. In the same year the small establishments—those having products less than \$5,000 in value—although representing 48.6 per cent of the total number of establishments, reported only 2 per cent of the total value of products. For the establishments having products valued at \$100,000 and over, the proportion of the total shows an increase at each successive census, from 71.1 per cent in 1904 to 74.2 per cent in 1909 and 80 per cent in 1914.

Table 15

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904
All classes	5,507	4,931	3,272	136,844	121,473	85,339	\$289,411,987	\$216,656,055	\$142,520,776	\$119,470,016	\$94,794,525	\$63,252,772
Less than \$5,000	2,674	2,322	1,276	6,152	6,970	2,946	5,734,874	5,151,695	3,118,617	3,930,522	3,432,538	2,064,947
\$5,000 to \$20,000	1,453	1,358	1,076	11,335	11,902	8,573	14,503,860	13,690,273	10,894,177	8,186,094	7,799,055	6,232,870
\$20,000 to \$100,000	826	820	602	20,802	24,074	17,930	37,757,441	37,172,248	27,111,101	16,346,945	16,594,882	11,818,958
\$100,000 to \$1,000,000	522	409	309	70,961	57,932	47,351	133,260,619	101,973,523	70,985,231	45,923,110	37,902,430	25,823,306
\$1,000,000 and over	32	22	9	27,594	20,595	8,539	98,155,193	58,668,316	30,411,650	45,083,345	29,065,620	17,312,682
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	48.6	47.1	39.0	4.5	5.7	3.5	2.0	2.4	2.2	3.3	3.6	3.3
\$5,000 to \$20,000	26.4	27.5	32.9	8.3	9.8	10.0	5.0	6.3	7.6	6.9	8.2	9.9
\$20,000 to \$100,000	15.0	16.6	18.4	15.2	19.8	21.0	13.0	17.2	19.0	13.7	17.5	18.7
\$100,000 to \$1,000,000	9.5	8.3	9.4	51.3	47.7	55.5	46.1	47.1	49.8	38.4	40.0	40.8
\$1,000,000 and over	0.6	0.4	0.3	20.2	17.0	10.0	33.9	27.1	21.3	37.7	30.7	27.4

Table 16 gives, for 1914 and 1909, for six of the more important industries, a classification of establishments, wage earners, value of products, and value added by manufacture, similar to that presented in Table 15 for all industries combined.

For 1914, as compared with 1909, this table shows that for two of the six industries—flour-mill and grist-mill products and lumber and timber products—there were increases, and for the others, decreases, in the number of establishments having products under \$5,000

in value. For all industries the establishments having products valued at \$100,000 and over show increases in average number of wage earners and value of products; and for all except flour-mill and gristmill products the establishments in this class also show increases in value added by manufacture. For all industries with the exception of flour-mill and gristmill products the large establishments reported greater proportions of the average number of wage earners, value of products, and value added by manufacture for 1914 than for 1909.

Table 16

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.		Per cent distribution.		AVERAGE NUMBER OF WAGE EARNERS.		Per cent distribution.		VALUE OF PRODUCTS.		Per cent distribution.		VALUE ADDED BY MANUFACTURE.		Per cent distribution.	
	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909	1914	1909
	COTTON GOODS	293	281	100.0	100.0	53,703	47,231	100.0	100.0	\$90,743,683	\$72,680,385	100.0	100.0	\$28,405,261	\$23,992,813	100.0	100.0
Less than \$5,000	5	10	1.7	3.6	78	124	0.1	0.3	82,106	114,193	0.1	0.2	13,306	30,283	0.1	0.1
\$5,000 to \$20,000	53	78	18.1	27.8	2,381	3,761	4.4	8.0	3,646,828	5,237,425	4.0	7.2	1,013,718	1,476,357	3.6	6.2
\$20,000 to \$100,000	221	184	75.4	65.5	38,697	34,868	72.1	73.8	62,877,545	51,858,858	69.3	71.4	20,093,657	17,399,276	70.7	72.5
\$100,000 to \$1,000,000	14	9	4.8	3.2	12,547	8,478	23.4	18.0	24,137,204	15,469,909	26.6	21.3	7,284,580	5,086,397	25.6	21.2
\$1,000,000 and over																
FLLOUR-MILL AND GRIST-MILL PRODUCTS	293	249	100.0	100.0	588	496	100.0	100.0	8,963,501	8,501,219	100.0	100.0	1,319,718	1,214,331	100.0	100.0
Less than \$5,000	47	27	16.0	10.8	47	15	8.0	3.0	138,821	83,942	1.5	1.0	34,102	16,681	2.6	1.4
\$5,000 to \$20,000	132	106	45.1	42.6	152	129	25.9	26.0	1,498,950	1,315,678	16.7	15.5	290,459	241,204	22.0	19.9
\$20,000 to \$100,000	100	103	34.1	41.4	270	239	45.9	48.2	4,368,521	4,266,144	48.7	50.2	720,649	628,559	54.6	51.8
\$100,000 to \$1,000,000	14	13	4.8	5.2	119	113	20.2	22.8	2,957,209	2,835,455	33.0	33.4	274,508	327,887	20.8	27.0
\$1,000,000 and over																
FURNITURE	109	117	100.0	100.0	5,801	5,533	100.0	100.0	9,335,195	7,884,679	100.0	100.0	4,500,090	3,486,869	100.0	100.0
Less than \$5,000	7	11	6.4	9.4	23	32	0.4	0.6	18,847	26,029	0.2	0.3	12,698	16,502	0.3	0.5
\$5,000 to \$20,000	17	16	15.6	13.7	221	183	3.8	3.3	204,402	179,572	2.2	2.3	105,585	89,203	2.3	2.6
\$20,000 to \$100,000	45	61	41.3	52.1	1,692	2,417	29.2	43.7	2,442,394	3,230,470	26.2	41.0	1,218,435	1,508,616	27.1	43.3
\$100,000 to \$1,000,000	40	29	36.7	24.8	3,865	2,901	66.6	52.4	6,669,552	4,448,608	71.4	56.4	3,183,372	1,872,548	70.3	53.7
\$1,000,000 and over																
LEATHER, TANNED, CURRIED, AND FINISHED	17	39	100.0	100.0	877	832	100.0	100.0	7,182,400	5,415,495	100.0	100.0	1,637,214	1,259,344	100.0	100.0
Less than \$5,000	6	22	35.3	56.4	8	18	0.9	2.2	12,403	30,426	0.2	0.6	5,429	13,731	0.3	1.1
\$5,000 to \$20,000	3	9	17.6	23.1	17	62	1.9	7.4	102,759	225,091	1.4	4.2	17,764	48,014	1.1	3.8
\$20,000 to \$100,000	8	8	47.1	20.5	852	752	97.2	90.4	7,067,238	5,159,978	98.4	95.3	1,614,021	1,197,599	98.6	95.1
\$100,000 and over																
LUMBER AND TIMBER PRODUCTS	2,952	2,544	100.0	100.0	34,374	34,001	100.0	100.0	39,631,573	33,524,653	100.0	100.0	23,311,474	20,991,056	100.0	100.0
Less than \$5,000	1,872	1,525	63.4	59.9	4,744	5,499	13.8	16.2	3,817,361	3,271,530	9.6	9.8	2,739,128	2,294,528	11.8	10.9
\$5,000 to \$20,000	739	685	25.0	26.9	7,266	7,586	21.1	22.3	6,941,375	6,427,028	17.5	19.2	4,460,293	4,278,951	19.1	20.4
\$20,000 to \$100,000	256	284	8.7	11.2	7,841	10,099	22.8	29.7	10,688,020	11,843,680	27.0	35.3	5,438,458	6,921,166	23.3	33.0
\$100,000 and over	85	50	2.9	2.0	14,523	10,817	42.3	31.8	18,184,817	11,982,415	45.9	35.7	10,673,595	7,496,411	45.8	35.7
\$1,000,000 and over																
TOBACCO MANUFACTURES	33	43	100.0	100.0	10,467	8,203	100.0	100.0	57,861,378	35,988,639	100.0	100.0	33,551,378	22,170,571	100.0	100.0
Less than \$5,000	10	13	30.3	30.2	7	19	0.1	0.2	16,235	27,837	0.1	0.1	11,124	15,683	0.1	0.1
\$5,000 to \$20,000	6	8	18.2	18.6	82	93	0.8	1.1	69,371	95,237	0.1	0.3	45,938	60,280	0.1	0.3
\$20,000 to \$100,000	5	7	15.1	16.3	125	196	1.2	2.4	244,637	301,083	0.4	0.8	136,885	171,937	0.4	0.8
\$100,000 and over	12	15	36.4	34.9	10,253	7,895	97.9	96.2	57,531,135	35,562,482	99.4	98.8	33,357,431	21,922,671	99.5	98.9

¹ Includes the group "less than \$5,000."

² Includes the group "\$5,000 to \$20,000."

³ Includes the group "\$1,000,000 and over."

Table 17 presents, for 1914, for all industries combined in each of the 10 cities having more than 10,000 inhabitants, statistics similar to those given in Table 15 for the state as a whole.

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.
ASHEVILLE	45	951	100.0	\$3,148,802	100.0	\$1,011,295	100.0
Less than \$5,000.....	11	12	1.3	25,558	0.8	16,412	1.6
\$5,000 to \$20,000.....	13	88	9.2	142,070	4.5	76,555	7.6
\$20,000 to \$100,000.....	16	231	24.3	692,827	22.0	390,733	38.6
\$100,000 and over ¹	5	620	65.2	2,288,347	72.7	527,595	52.2
CHARLOTTE	107	3,799	100.0	10,962,113	100.0	3,479,905	100.0
Less than \$5,000.....	13	18	0.5	28,181	0.3	15,352	0.4
\$5,000 to \$20,000.....	28	148	3.9	337,954	3.1	207,728	6.0
\$20,000 to \$100,000.....	39	753	19.8	1,799,426	16.4	910,780	26.2
\$100,000 and over ¹	27	2,880	75.8	8,796,552	80.2	2,346,047	67.4
DURHAM	62	4,764	100.0	27,597,258	100.0	15,093,032	100.0
Less than \$5,000.....	16	19	0.4	35,404	0.1	21,256	0.1
\$5,000 to \$20,000.....	25	106	2.2	265,868	1.0	134,278	0.9
\$20,000 to \$100,000.....	11	172	3.6	444,166	1.6	216,854	1.4
\$100,000 to \$1,000,000.....	6	665	14.0	1,586,033	5.7	462,010	3.1
\$1,000,000 and over.....	4	3,802	79.8	25,265,787	91.6	14,259,534	94.5
GREENSBORO	70	1,229	100.0	3,464,328	100.0	1,358,114	100.0
Less than \$5,000.....	17	25	2.0	47,781	1.4	36,990	2.7
\$5,000 to \$20,000.....	24	163	13.3	259,848	7.5	158,481	11.7
\$20,000 to \$100,000.....	20	393	32.0	914,539	26.4	447,602	33.0
\$100,000 to \$1,000,000.....	9	648	52.7	2,242,160	64.7	715,141	52.6
HIGH POINT	82	3,582	100.0	5,931,761	100.0	2,786,600	100.0
Less than \$5,000.....	18	34	0.9	55,980	0.9	31,036	1.1
\$5,000 to \$20,000.....	23	149	4.2	241,411	4.1	128,008	4.6
\$20,000 to \$100,000.....	22	641	17.9	1,132,841	19.1	540,815	19.4
\$100,000 to \$1,000,000.....	19	2,758	77.0	4,501,529	75.9	2,086,901	74.9
NEW BERN	29	848	100.0	1,910,497	100.0	705,983	100.0
Less than \$5,000.....	8	17	2.0	25,014	1.3	16,400	2.3
\$5,000 to \$20,000.....	7	110	13.0	98,950	4.9	61,431	8.7
\$20,000 to \$100,000.....	7	126	14.8	318,435	16.7	124,645	17.7
\$100,000 to \$1,000,000.....	7	595	70.2	1,473,098	77.1	503,507	71.3
RALEIGH	59	1,051	100.0	2,915,767	100.0	1,296,054	100.0
Less than \$5,000.....	9	5	0.5	21,770	0.7	10,030	0.8
\$5,000 to \$20,000.....	27	141	13.4	328,645	11.3	200,480	15.5
\$20,000 to \$100,000.....	15	262	24.9	636,647	21.8	403,176	31.1
\$100,000 and over ¹	8	643	61.2	1,928,696	66.1	681,768	52.6
ROCKY MOUNT	20	1,454	100.0	2,742,802	100.0	1,040,017	100.0
Less than \$20,000 ²	10	65	4.5	110,789	4.0	66,750	6.4
\$20,000 to \$100,000.....	5	159	10.9	227,435	8.3	127,773	12.3
\$100,000 and over ¹	5	1,230	84.6	2,404,578	87.7	845,489	81.3
WILMINGTON	71	1,721	100.0	5,025,504	100.0	1,840,920	100.0
Less than \$5,000.....	11	25	1.5	25,910	0.5	17,530	1.0
\$5,000 to \$20,000.....	24	167	9.7	271,075	5.4	135,199	7.3
\$20,000 to \$100,000.....	25	436	25.3	1,320,397	26.3	630,847	34.3
\$100,000 and over ¹	11	1,093	63.5	3,408,122	67.8	1,057,350	57.4
WINSTON-SALEM	73	9,634	100.0	37,287,683	100.0	21,074,683	100.0
Less than \$5,000.....	14	10	0.1	42,865	0.1	26,372	0.1
\$5,000 to \$20,000.....	13	61	0.6	143,537	0.4	85,617	0.4
\$20,000 to \$100,000.....	30	643	6.7	1,429,895	3.8	678,489	3.2
\$100,000 and over ¹	16	8,920	92.6	35,671,386	95.7	20,284,205	96.2

¹ Includes the group "\$1,000,000 and over."

² Includes the group "less than \$5,000."

In the cities the same general condition prevails as that found throughout the state, namely, a preponderance as to number of wage earners, value of products, and value added by manufacture for establishments having products valued at \$100,000 and over. The highest percentages of total value of products reported by establishments in this class, 97.3 and 95.7, appear for Durham and Winston-Salem, the principal

manufacturing cities of the state; and the lowest, 64.7, is shown for Greensboro.

Table 18 shows, for 1914, for all industries combined, for 16 of the more important industries, and for each of the 10 cities, the number of establishments and the number of wage earners, classified according to the average number of wage earners reported for each establishment.

Table 18

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—						
	Estab-lish-ments.	Wage earners (average number).	No wage earners.	1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.	
			Estab-lish-ments.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.
All industries	5,507	136,844	186	3,116	7,108	1,272	13,821	411	13,388
Brick, tile, pottery, and other clay products.....	139	1,612	4	53	157	61	697	20	609
Carriages and wagons and materials.....	137	1,462	4	81	166	35	372	11	327
Cars and general shop construction and repairs by steam-railroad companies.....	16	2,806	.....	3	7	3	26	2	86
Cotton goods.....	293	53,703	.....	1	5	8	111	36	1,333
Fertilizers.....	41	1,690	.....	4	17	16	181	7	220
Flour-mill and gristmill products.....	293	588	31	248	452	14	136	.....	.....
Foundry and machine-shop products.....	136	1,526	4	74	191	33	356	21	655
Furniture.....	109	5,801	.....	8	21	25	321	30	1,051
Hosiery and knit goods.....	74	7,787	.....	2	2	9	120	27	829
Ice, manufactured.....	61	519	1	30	87	24	273	6	159
Leather, tanned, curried, and finished.....	17	877	1	7	12	1	12	.....	.....
Lumber and timber products.....	2,952	34,374	29	1,889	4,278	782	8,200	157	4,906
Marble and stone work.....	64	704	7	35	84	14	166	5	187
Oil, cottonseed, and cake.....	62	1,586	.....	4	17	27	411	26	835
Printing and publishing.....	329	1,540	46	219	565	52	514	11	376
Tobacco manufactures.....	33	10,467	2	11	20	5	77	3	102
All other industries.....	751	9,802	57	447	1,027	163	1,788	49	1,713
Total for cities.....	618	29,033	38	209	561	204	2,370	78	2,650
ASHEVILLE.....	45	951	4	14	37	22	264	3	108
CHARLOTTE.....	107	3,799	6	28	76	35	400	22	829
DURHAM.....	62	4,764	5	31	73	16	201	2	60
GREENSBORO.....	70	1,229	4	30	77	21	237	10	317
HIGH POINT.....	82	3,582	3	26	60	23	281	10	323
NEW BERN.....	29	848	1	7	17	13	148	2	79
RALEIGH.....	59	1,051	8	20	64	20	224	6	214
ROCKY MOUNT.....	20	1,454	.....	7	20	7	79	2	56
WILMINGTON.....	71	1,721	1	26	84	28	300	8	256
WINSTON-SALEM.....	73	9,634	6	20	53	19	236	13	408

Table 18—Continued.

INDUSTRY AND CITY.	ESTABLISHMENTS EMPLOYING—									
	51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.	
	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.
All industries	204	14,943	228	35,472	59	20,253	22	14,424	9	17,435
Brick, tile, pottery, and other clay products.....	.....	.....	1	149	.....	.....	.....	.....	.....	.....
Carriages and wagons and materials.....	4	323	2	274	.....	.....	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	4	322	1	214	1	256	2	1,895	.....	.....
Cotton goods.....	67	5,061	131	20,627	32	10,959	14	8,781	4	6,826
Fertilizers.....	10	714	4	558	.....	.....	.....	.....	.....	.....
Flour-mill and gristmill products.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foundry and machine-shop products.....	3	209	1	115	.....	.....	.....	.....	.....	.....
Furniture.....	32	2,382	14	2,026	.....	.....	.....	.....	.....	.....
Hosiery and knit goods.....	16	1,202	14	2,218	3	967	2	1,326	1	1,123
Ice, manufactured.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Leather, tanned, curried, and finished.....	5	361	2	240	1	252	.....	.....	.....	.....
Lumber and timber products.....	33	2,250	43	6,828	16	5,644	2	1,086	1	1,122
Marble and stone work.....	2	116	1	151	.....	.....	.....	.....	.....	.....
Oil, cottonseed, and cake.....	5	323	.....	.....	.....	.....	.....	.....	.....	.....
Printing and publishing.....	1	85	.....	.....	.....	.....	.....	.....	.....	.....
Tobacco manufactures.....	2	140	4	574	2	684	1	506	3	8,364
All other industries.....	20	1,455	10	1,498	4	1,491	1	830	.....	.....
Total for cities.....	38	2,817	32	4,815	12	3,858	3	2,474	4	9,488
ASHEVILLE.....	.....	.....	.....	.....	2	542	.....	.....	.....	.....
CHARLOTTE.....	8	642	7	1,052	.....	.....	1	800	.....	.....
DURHAM.....	1	84	2	285	2	745	.....	.....	3	3,316
GREENSBORO.....	4	293	.....	.....	1	305	.....	.....	.....	.....
HIGH POINT.....	10	740	6	851	4	1,327	.....	.....	.....	.....
NEW BERN.....	4	265	2	339	.....	.....	.....	.....	.....	.....
RALEIGH.....	3	204	2	345	.....	.....	.....	.....	.....	.....
ROCKY MOUNT.....	1	53	2	274	.....	.....	1	972	.....	.....
WILMINGTON.....	4	288	3	537	1	256	.....	.....	.....	.....
WINSTON-SALEM.....	3	248	8	1,132	2	683	1	702	1	6,172

Table 19 presents, for 1914, percentages based on the figures in Table 18 and for 1909 similar percentages for all industries combined and for individual industries in the state as a whole. Considering the total for all industries, there were 186 establishments in operation during 1914 in which no wage earners were employed. These are small establishments in which the work is done by the proprietors or firm members. In some cases they employ one or two wage earners for short periods, but the number is so small and the period so short that in computing the average number, as described in the "Explanation of terms," no wage earners could be shown for the establishment. Flour and grist mills, lumber mills, and job printing offices are the industries in which the largest number of these small establishments were reported.

Table 19

INDUSTRY AND CITY.	Census Year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
All industries.....	1914	5.2	10.1	9.8	10.9	25.9	14.8	10.5	12.7
	1909	5.1	12.2	11.0	14.0	20.8	17.9	8.8	10.2
Brick, tile, pottery, and other clay products.....	1914	9.7	43.2	37.8	.....	9.2	.....	.....	.....
	1909	13.7	47.7	30.4	.....	8.2	.....	.....	.....
Carrriages and wagons and materials.....	1914	11.4	25.4	22.4	22.1	18.7	.....	.....	.....
	1909	9.2	25.3	34.2	25.0	6.3	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	1914	0.2	0.9	3.1	11.5	7.6	9.1	67.5	.....
	1909	0.4	1.8	.....	2.1	13.4	.....	34.3	47.9
Cotton goods.....	1914	(¹)	0.2	2.5	9.4	38.4	20.4	16.4	12.7
	1909	(¹)	0.3	3.5	11.1	31.4	30.8	13.5	9.4
Fertilizers.....	1914	1.0	10.7	13.0	42.2	33.0	.....	.....	.....
	1909	3.2	13.6	15.4	52.9	14.8	.....	.....	.....
Flour-mill and gristmill products.....	1914	76.9	23.1	.....	.....	.....	.....	.....	.....
	1909	74.4	25.6	.....	.....	.....	.....	.....	.....
Foundry and machine-shop products.....	1914	12.5	23.3	42.9	13.7	7.5	.....	.....	.....
	1909	7.5	25.2	39.7	27.5	.....	.....	.....	.....
Furniture.....	1914	0.4	5.5	18.1	41.1	34.9	.....	.....	.....
	1909	0.7	4.0	26.0	46.0	18.8	4.5	.....	.....
Hosiery and knit goods.....	1914	(¹)	1.5	10.6	15.4	28.5	12.4	17.0	14.4
	1909	0.4	3.4	6.1	26.7	29.4	16.3	17.6	.....
Ice, manufactured.....	1914	16.8	52.6	30.6	.....	.....	.....	.....	.....
	1909	20.4	69.5	10.1	.....	.....	.....	.....	.....
Leather, tanned, curried, and finished.....	1914	1.4	1.4	.....	41.2	27.4	28.7	.....	.....
	1909	4.6	4.9	5.0	45.8	39.7	.....	.....	.....
Lumber and timber products.....	1914	12.4	24.0	14.3	6.5	19.9	16.4	3.2	3.3
	1909	10.7	28.0	16.6	12.1	12.8	9.2	3.5	7.1
Marble and stone work.....	1914	11.9	23.6	26.6	16.5	21.4	.....	.....	.....
	1909	7.6	22.3	29.2	9.6	.....	31.2	.....	.....
Oil, cottonseed, and cake.....	1914	1.1	25.9	52.6	20.4	.....	.....	.....	.....
	1909	0.9	34.3	53.4	11.3	.....	.....	.....	.....
Printing and publishing.....	1914	36.7	33.4	24.4	5.5	.....	.....	.....	.....
	1909	38.3	43.9	8.1	9.6	.....	.....	.....	.....
Tobacco manufactures.....	1914	0.2	0.7	1.0	1.3	5.5	6.5	4.8	79.9
	1909	-0.3	1.1	2.2	1.3	12.6	21.3	7.7	53.4
Total for cities.....	1914	1.9	8.2	9.1	9.7	16.6	13.3	8.5	32.7
ASHEVILLE.....	1914	3.9	27.8	11.4	.....	.....	56.9	.....	.....
CHARLOTTE.....	1914	2.0	10.5	21.8	16.9	27.7	.....	21.1	.....
DURHAM.....	1914	1.5	4.2	1.3	1.8	6.0	15.6	.....	69.6
GREENSBORO.....	1914	6.3	19.3	25.8	23.8	.....	24.8	.....	.....
HIGH POINT.....	1914	1.7	7.8	9.0	20.7	23.8	37.0	.....	.....
NEW BERN.....	1914	2.0	17.5	9.3	31.3	39.9	.....	.....	.....
RALEIGH.....	1914	6.1	21.3	20.4	19.4	32.8	.....	.....	.....
ROCKY MOUNT.....	1914	1.4	5.4	3.9	3.6	18.8	.....	66.9	.....
WILMINGTON.....	1914	4.9	17.4	14.9	16.7	31.2	14.9	.....	.....
WINSTON-SALEM.....	1914	0.6	2.4	4.1	2.6	11.8	7.1	7.3	64.1

¹ Less than one-tenth of 1 per cent.

The comparatively small establishments still predominate in the majority of the industries of the state.

Of the 5,507 establishments reported for all industries, 4,388, or 79.7 per cent, employed on the average less than 20 wage earners during the year. On the other hand, while these small establishments predominate in number, they gave employment to only 20,929 wage earners, or 15.3 per cent of the total for all establishments. There were only 318 establishments in the state that reported the employment of more than 100 wage earners each, but these establishments gave employment to 87,584, or 63.9 per cent of the total average number of wage earners reported for all establishments. These large establishments are shown especially for the manufacture of textiles, lumber, and tobacco, and in railroad repair shops.

Among the cities, the highest percentages of the total number of wage earners reported by establishments employing more than 100 wage earners each are shown for Durham, 91.2; and Winston-Salem, 90.3.

Engines and power.—Table 20 shows, for 1914, 1909, and 1904, for all industries combined, the number and total horsepower of engines or motors, classified according to their character, employed in generating power (including electric motors operated by purchased current). It also shows separately the number and horsepower of electric motors operated by current generated in the establishments reporting.

This table shows an increase in primary power amounting to 129,529 horsepower, or 34.2 per cent, from 1909 to 1914, somewhat more than half of which was due to the increase in rented power. The use of rented power, now almost wholly electric, has greatly increased since 1904, when it represented only 1.3 per cent of the total primary power reported. In 1909 the amount of rented power had increased 16.2 per cent of the total, and in 1914, 25.7 per cent of the total. The increase in the use of electric motors run by current generated within the same establishments, although considerable, has not kept pace with that in rented power. The power of motors operated by current generated in the same establishments represented 56.4 per cent of the total electric power in 1904, but only 21.1 per cent in 1914.

In spite of the great increase in rented power, owned power increased 76.7 per cent during the decade 1904-1914 and 19 per cent during the last five-year period. This was due in part to the fact that some of the large factories have installed electricity as emergency power, while others are using electric power and hold their steam engines in readiness for emergency.

The use of internal-combustion engines increased rapidly during the decade, but not so rapidly as that of rented electric power. The horsepower of such engines, however, represented only 1 per cent of the total primary power in 1914.

During the last five-year period there was a very slight decrease in the horsepower of water wheels, turbines, and motors, which in 1914 formed 8.1 per cent of the total primary power.

Table 20

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904
Primary power, total.....	10,646	7,373	3,504	508,085	378,556	216,622	100.0	100.0	100.0
Owned.....	5,944	5,386	3,504	377,692	317,261	213,697	74.3	83.8	98.6
Steam engines and turbines ¹	4,929	4,500	2,951	331,132	271,944	183,166	65.2	71.8	84.6
Internal-combustion engines.....	492	316	104	5,379	3,391	2,149	1.0	0.9	1.0
Water wheels, turbines, and motors.....	523	570	449	41,181	41,926	28,382	8.1	11.1	13.1
Rented.....	4,702	1,987	(?)	130,393	61,295	2,925	25.7	16.2	1.4
Electric.....	4,702	1,987	(?)	128,660	60,044	2,423	25.3	15.9	1.1
Other.....				1,733	1,251	502	0.3	0.3	0.2
Electric.....	6,739	2,708	196	163,161	86,002	5,553	100.0	100.0	100.0
Rented.....	4,702	1,987	(?)	128,660	60,044	2,423	78.9	69.8	43.6
Generated by establishments reporting.....	2,037	721	196	34,501	25,958	3,130	21.1	30.2	56.4

¹ Figures for horsepower include for 1909 and 1904 the amount reported under the head of "other" owned power.

² Not reported.

Fuel.—Closely related to the subject of power employed in manufactures is that of the fuel consumed in generating this power, or otherwise used in the manufacturing processes.

Table 21 shows for 1914 the quantity of each kind of fuel used, for which data were obtained, for all industries combined and for selected industries in the state as a whole, and for all industries combined in each city.

Table 21

INDUSTRY AND CITY.	COAL.					Oil, including gasoline (barrels).	Gas (1,000 cubic feet).	INDUSTRY AND CITY.	COAL.					Oil, including gasoline (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).				Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).		
All industries.....	23,154	1,192,237	22,258	29,724	14,888			Leather, tanned, curried, and finished.....		17,504	510	1			
Agricultural implements.....		641	398	131				Lumber and timber products.....	3,225	66,442	65	1,908	46		
Bread and other bakery products.....	237	838	1,129	16	385			Marble and stone work.....	30	4,059		116			
Brick, tile, pottery, and other clay products.....	2,288	67,029	1,689	92	5			Oil, cottonseed, and cake.....	208	70,862		72			
Carriages and wagons and materials.....	95	3,320	438	330	10			Printing and publishing.....	10	2,256	32	526	8,256		
Cars and general shop construction and repairs by steam-railroad companies.....		46,187		3,527				Tobacco manufactures.....	1,187	41,323	2	37	322		
Copper, tin, and sheet-iron work.....	4	443	8	78	44			All other industries.....		214,114	970	1,415	1,754		
Cotton goods.....	13,560	486,293	5,434	539				Total for cities.....	3,866	208,176	9,356	12,881	11,789		
Fertilizers.....		26,466		1,217				ASHEVILLE.....	5	14,614	643		7		
Flour-mill and gristmill products.....	155	7,083	70	1,610				CHARLOTTE.....	140	60,050	3,112	2,076	1,566		
Foundry and machine-shop products.....	218	5,623	4,766	506	55			DURHAM.....	5	24,344	1,093	17	684		
Furniture.....	50	17,955	239	84	264			GREENSBORO.....	204	11,410	718	1,497	1,130		
Gas, illuminating and heating.....	10	35,497	5,766	17,033				HIGH POINT.....	208	14,645	221	686	60		
Hosiery and knit goods.....	1,608	27,570	552	370	572			NEW BERN.....		2,220	338	1,000			
Ice, manufactured.....	232	50,540	200	93	3,000			RALEIGH.....	84	8,912	1,392	4,192	3,870		
Leather goods.....	37	192		18	175			ROCKY MOUNT.....	165	15,618	85	1,064			
								WILMINGTON.....	159	16,749	428	2,257	2,936		
								WINSTON-SALEM.....	2,896	39,614	1,326	92	1,536		

SPECIAL STATISTICS.

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and cost of materials, the quantity and value of products, and other information for which no provision is made on the general schedule. Certain data of this character for five important industries in North Carolina are here presented, and also statistics for power laundries.

Textiles.—The progress of the textile industries is indicated by the increase in the number of spindles, looms, knitting machines, and other equipment. The following table shows the number of the more important machines used in these industries for 1914, 1909, and 1904.

In addition to the number of spindles reported in connection with the census of manufactures, statistics of the number employed in all branches of the textile

industry are reported monthly to the Bureau of the Census. The total number of cotton spindles in the state of North Carolina for 1914, as compiled from these monthly reports, was 3,813,940, and of these 3,770,316 were active some time during the year ending August 31.

Table 22

MACHINE.	Census year.	Total.	Cotton goods, including cotton small wares.	Hosiery and knit goods.	Woolen, worsted, and felt goods, and wool hats.	Silk and silk goods, including throwsters.
Producing spindles.....	1914	3,823,380	3,708,622	62,056	12,820	39,842
	1909	2,972,261	2,908,383	24,944	13,434	25,500
	1904	1,914,259	1,880,950	13,264	8,779	11,266
Looms.....	1914	61,622	60,931		175	516
	1909	51,487	50,840		266	361
	1904	43,554	43,219		235	100
Knitting machines.....	1914	10,959		10,959		
	1909	6,395		6,395		
	1904	3,043		3,043		

Cotton goods.—In the following table the materials and products of the cotton-goods industry are shown by kind, quantity, cost, and value for the census years 1914, 1909, and 1904:

Table 23	1914	1909	1904
MATERIALS.			
Total cost.....	\$62,338,422	\$48,687,572	\$33,025,340
Cotton:			
Domestic—			
Pounds.....	415,424,339	348,979,258	240,937,988
Cost.....	\$51,040,026	\$40,605,341	\$27,592,963
Foreign—			
Pounds.....	2,846,386	1,231,356	1,422,750
Cost.....	\$462,599	\$231,543	\$229,790
Cotton waste, purchased:			
Pounds.....	1,919,953	6,041,351	1,399,977
Cost.....	\$128,442	\$335,595	\$52,433
Cotton yarns, purchased:			
Pounds.....	10,550,363	9,738,724	10,656,597
Cost.....	\$2,097,731	\$1,789,555	\$1,920,368
Starch, cost.....	\$300,070	\$214,975	\$152,474
Chemicals and dyestuffs, cost.....	\$1,064,210	\$713,030	\$543,394
Cost of fuel and rent of power and heat.....	\$3,096,670	\$2,170,315	\$1,332,821
All other materials, cost.....	\$4,148,674	\$2,627,218	\$1,201,097
PRODUCTS.			
Total value.....	\$90,743,683	\$72,680,385	\$47,254,054
Unbleached and bleached sheetings, shirtings, and muslins: ¹			
Square yards.....	307,495,671	269,603,261	198,872,898
Value.....	\$14,266,826	\$13,285,679	\$8,916,436
Ginghams:			
Square yards.....	100,741,627	111,994,426	79,056,081
Value.....	\$6,427,154	\$7,103,532	\$4,747,674
Napped fabrics:			
Square yards.....	90,152,119	64,627,668	62,053,042
Value.....	\$7,262,674	\$5,389,195	\$3,749,475
Fancy weaves, total: ²			
Square yards.....	154,448,022	167,925,952	113,990,210
Value.....	\$14,966,732	\$15,374,324	\$8,631,233
Drills—			
Square yards.....	18,438,152	18,940,774	5,270,874
Value.....	\$912,799	\$1,119,822	\$364,316
Twills, sateens, etc.—			
Square yards.....	15,718,054	12,473,668	15,785,124
Value.....	\$1,239,480	\$814,767	\$815,808
Other fancy weaves ² —			
Square yards.....	120,291,816	136,511,510	92,934,212
Value.....	\$12,814,453	\$13,439,735	\$7,451,049
Yarns for sale:			
Pounds.....	168,310,924	142,213,450	95,481,949
Value.....	\$37,538,174	\$28,312,873	\$18,566,247
Cotton waste for sale:			
Pounds.....	38,455,783	34,861,543	22,235,597
Value.....	\$1,390,461	\$836,652	\$657,968
All other products, value.....	\$8,891,662	\$2,378,130	\$1,985,021

¹ The figures for these fabrics represent the combined quantities and values of those designated at prior censuses as "plain cloths for printing and converting" and "brown or bleached sheetings and shirtings."

² Does not include fancy woven ginghams, napped fabrics, nor unbleached or bleached shirtings.

The increase in the quantity of raw cotton consumed during the ten-year period covered by the statement—from 242,360,738 pounds to 418,270,725 pounds, or 72.6 per cent—is a fair measure of the growth of the industry, as cotton yarns purchased for manufacturing purposes show but little change in quantity from census to census. The total cost of materials and total value of products increased during the same period by 88.8 per cent and 92 per cent, respectively. Plain cloths—sheetings, shirtings, and muslins—show considerable increases in both quantity and value, as do also napped fabrics. Fancy weaves as a whole, while showing large increases for the ten-year period, decreased in both quantity and value during the period 1909–1914. Yarns spun for sale increased 76.3 per cent in quantity and 102.2 per cent in value between 1904 and 1914. Data for the other textile industries are shown in the general tables.

Flour-mill and gristmill products.—Table 24 gives quantities and values of flour-mill and gristmill products for the last three census years.

Table 24	1914	1909	1904
Total value.....	\$8,963,501	\$8,501,219	\$6,863,770
Wheat flour:			
Barrels.....	951,805	759,072	713,400
Value.....	\$5,231,853	\$4,763,956	\$3,810,448
Corn meal and corn flour:			
Barrels.....	543,491	596,872	648,481
Value.....	\$2,043,292	\$2,294,852	\$1,738,154
Rye flour:			
Barrels.....	2,250	1,155	1,972
Value.....	\$11,869	\$6,470	\$9,140
Buckwheat flour:			
Pounds.....	55,700	73,500	132,448
Value.....	\$1,765	\$2,310	\$3,072
Hominy and grits:			
Pounds.....	2,109,250	8,056,030	8,076,400
Value.....	\$40,120	\$143,658	\$134,718
Bran and middlings:			
Tons.....	42,145		
Value.....	\$1,045,345	47,949	48,803
Feed and offal:			
Tons.....	19,550	\$1,271,025	\$1,126,632
Value.....	\$569,917		
All other products, value.....	\$32,340	\$18,948	\$35,600

Wheat flour is the most important product of this industry in North Carolina, and shows substantial gains during the ten-year period in quantity and value of products. At the census of 1914 the establishments reporting the manufacture of wheat flour numbered 239, as compared with 208 in 1909 and 213 in 1904. In 1914 the value of wheat flour and bran and middlings together constituted 70.1 per cent of the total value of products, the proportion for wheat flour alone being 58.4 per cent. Corn meal and corn flour constitute the next most important product, representing 22.8 per cent of the total value of products in 1914. The production of wheat flour increased during the period 1909–1914 by 25.4 per cent in quantity and 9.8 per cent in value.

Hosiery and knit goods.—Table 25 shows for this industry, for 1914, 1909, and 1904, the quantity and cost of materials used and the quantity and value of products made.

The principal materials used in this industry are raw cotton and cotton yarns. A comparison of the figures for the last two census years discloses a marked tendency toward a largely increased use of the former. In 1909 cotton represented only 27 per cent of the combined quantity of cotton and cotton yarn, but in 1914 its proportion had increased to 45.3 per cent. In 1909 cotton and cotton yarn represented 13.2 per cent and 61.7 per cent, respectively, of the total cost of materials, but in 1914 the corresponding percentages were 25.9 and 40.6.

The principal products are cotton hose and half-hose and cotton shirts and drawers. In addition to the total shown for this industry, four establishments reported the manufacture of hosiery and knit goods to the value of \$460,890 as a by-product in 1914.

Hosiery represented 69.8 per cent of the total value of the products in 1914, 79.6 per cent in 1909, and 81.3 per cent in 1904; and the value of shirts

and drawers formed 20.1 per cent of the total in 1914, as compared with 15.6 per cent in 1909 and 16.7 per cent in 1904.

	1914	1909	1904
MATERIALS.			
Total cost.....	\$6,409,659	\$3,012,295	\$1,394,811
Cotton:			
Pounds.....	10,212,853	3,531,967	2,112,160
Cost.....	\$1,658,419	\$398,635	\$236,118
Cotton yarn, purchased:			
Pounds.....	12,333,975	9,527,471	5,115,699
Cost.....	\$2,602,344	\$1,858,760	\$916,779
Chemicals and dyestuffs, cost.....	\$239,471	\$151,329	\$73,104
Cost of fuel and rent of power.....	\$180,412	\$92,812	\$47,351
All other materials, cost.....	\$1,729,013	\$510,759	\$121,459
PRODUCTS.			
Total value.....	\$8,892,362	\$5,151,692	\$2,483,827
Cotton hose:			
Dozen pairs.....	5,917,709	3,879,392	1,950,578
Value.....	\$4,450,879	\$2,877,922	\$1,408,060
Cotton half hose:			
Dozen pairs.....	2,829,273	1,926,748	977,454
Value.....	\$1,753,598	\$1,222,767	\$610,368
Cotton shirts and drawers:			
Dozens.....	686,519	409,635	174,549
Value.....	\$1,790,605	\$305,643	\$414,583
Cotton combination suits:			
Dozens.....	95,467	47,650	(?)
Value.....	\$367,145	\$95,302	(?)
Cotton yarn, for sale:			
Pounds.....	1,747,877	664,287	(?)
Value.....	\$397,353	\$92,643	(?)
All other products, value.....	\$132,782	\$57,415	\$50,816

¹ Includes 115,491 pounds of mercerized cotton yarn, worth \$62,066, comparable data for which were not obtained separately at previous censuses.

² Figures not available.

The proportionate increases in total value of products and in value of hosiery were considerably less for the period 1909 to 1914 than for 1904 to 1909. For the other classes of products the increases from 1909 to 1914 were proportionally greater than for hosiery. The increase shown by cotton yarn made for sale is very great, the output of this product in 1914 exceeding that in 1909 by 163.1 per cent in quantity and 328.9 per cent in value.

Leather, tanned, curried, and finished.—Table 26 gives for 1914, 1909, and 1904, the quantity and value of the principal products reported for this industry.

	1914	1909	1904
Total value.....	\$7,182,400	\$5,415,495	\$2,682,174
Leather:			
Oak sole—			
Sides.....	447,568	371,401	74,883
Value.....	\$3,388,408	\$2,677,033	\$398,396
Belting and harness—			
Sides.....	222,542	269,568	123,699
Value.....	\$2,092,988	\$1,677,963	\$552,954
All other, value.....	\$325,618	\$657,205	\$1,674,176
All other products, value.....	\$87,413	\$53,494	\$21,108
Work on materials for others, value.....	\$387,973	\$349,800	\$15,540

The manufacture of leather shows a noteworthy increase—169.8 per cent—in value of products during the decade 1904–1914. Oak sole, belting, and harness leathers are the leading products. For the first named there appear substantial increases in both quantity and value as compared with previous censuses. The figures for belting and harness leather (combined to avoid disclosing the operations of individual establishments), however, while showing large

increases in value as compared with 1904 and 1909, and in quantity as compared with 1904, show a decrease in quantity as compared with 1909. The decline in the value of “all other leather” is due largely to the decrease in rough leather sold as such. This product, the value of which for 1904 and 1909 is included in that of “all other leather,” was formerly of some importance, but its output decreased greatly between those years, and none was reported for 1914. The amount received for tanning, currying, or finishing for others, which was insignificant in 1904, formed 5.4 per cent of the total value of products in 1914.

Oil, cottonseed, and cake.—North Carolina ranked sixth among the states in value of cottonseed products manufactured in 1914. The increase in the output of these products from census to census shows a rapid growth of the industry in the state. The following table gives the quantity of cotton seed used for oil extraction and the quantities of the several crude products obtained, for the census years 1914, 1909, and 1904:

MATERIAL AND PRODUCT.	QUANTITY.		
	1914	1909	1904
Cottonseed crushed, tons.....	328,705	214,582	148,097
Crude products manufactured:			
Oil, gallons.....	14,002,325	9,611,394	6,269,062
Meal and cake, tons (2,000 lbs.).....	148,860	92,906	59,787
Hulls, tons (2,000 lbs.).....	95,335	68,459	53,184
Linters, pounds.....	17,259,390	8,442,520	4,472,965

The statistics in this table for 1914 relate to the crushing season of 1913–14—that is, to the handling of seed from the crop of 1913. They cover the operations of all establishments which crushed cotton seed during the season, regardless of the extent to which they were engaged in other branches of industry. Furthermore, the crude products reported represent the total production derived from crushing cotton seed, whether sold as such or used as intermediate products in further processes of manufacture, such as the refining of oil and the mixing of fertilizer and feed.

The total quantity of cotton seed crushed increased 205.3 per cent during the 15-year period 1899–1914. Of the 63 mills reported for 1914 as crushing cotton seed, 6 crushed less than 1,000 tons each during the census year; 8 crushed 1,000 but less than 2,000 tons; 27 crushed 2,000 but less than 5,000 tons; 15 crushed 5,000 but less than 10,000 tons; and 7 crushed 10,000 tons or more.

The quantities of the various products obtained in 1914 per ton of seed, as received at the mill, were as follows: Crude oil, 44.4 gallons; meal, 906 pounds; hulls, 580 pounds; and linters, 53 pounds. The ratios which the several products bore to the total weight of the seed when received at the mill were: Crude oil, 16.7 per cent; meal and cake, 45.3 per cent; hulls,

29 per cent; and linters, 2.6 per cent: It will be observed that hulls have represented a decreasing proportion of the total quantity of products from census to census. This change is due to the installation of cold-process machinery, which expresses the oil without hulling the seed, the resulting cake thus containing the hulls.

Laundries.—Statistics for power laundries are not included in the general tables nor in the totals for all manufacturing industries. Table 28, however, summarizes these statistics for North Carolina for 1914 and 1909.

	POWER LAUNDRIES.		
	Number or amount.		Per cent of increase, ¹ 1909-1914.
	1914	1909	
Number of establishments.....	59	43	.....
Persons engaged.....	1,335	924	44.5
Proprietors and firm members.....	56	43	.....
Salaried employees.....	114	69	.....
Wage earners (average number).....	1,165	812	43.5
Primary horsepower.....	1,359	1,000	35.9
Capital.....	\$798,650	\$424,642	88.1
Salaries and wages.....	462,189	265,038	74.4
Salaries.....	100,692	53,519	88.1
Wages.....	361,497	211,519	70.9
Paid for contract work.....	6,792	261	2,502.3
Rent and taxes.....	35,261	14,391	145.0
Cost of materials.....	240,947	107,865	123.4
Amount received for work done.....	1,026,358	559,949	83.3

¹ Percentages are omitted where base is less than 100.

In 1914 North Carolina ranked thirty-second among the states in amount received for work done and thirty-first in number of persons engaged in the industry. The table shows increases in all the items given, those in receipts for work done and in average number of wage earners, amounting to 83.3 per cent and 43.5 per cent, respectively. Establishments owned by individuals reported 41.9 per cent of the amount received for work done; those owned by corporations, 42.8 per cent; and those under other forms of ownership, 15.3 per cent.

Table 29 shows, for 1914 and 1909, the number of wage earners employed in the laundries on the 15th day of each month, or the nearest representative day, and the percentage which this number represents of the greatest number employed in any month of the same year.

MONTH.	WAGE EARNERS IN MANUFACTURING INDUSTRIES.			
	Number.		Per cent of maximum.	
	1914	1909	1914	1909
January.....	1,074	745	80.4	84.4
February.....	1,068	754	79.9	85.4
March.....	1,070	756	80.1	85.6
April.....	1,130	785	84.6	88.9
May.....	1,168	815	87.4	92.3
June.....	1,228	852	91.8	96.5
July.....	1,297	877	97.1	99.3
August.....	1,336	883	100.0	100.0
September.....	1,254	871	93.9	98.6
October.....	1,160	822	86.8	93.1
November.....	1,094	780	81.9	89.0
December.....	1,108	798	82.9	90.4

Table 30 gives statistics as to kinds and amounts of power used in the laundries of the state in 1914 and 1909, together with percentages of increase for the five-year period.

KIND.	NUMBER OF ENGINES OR MOTORS.		HORSEPOWER.		Per cent of increase, 1909-1914.
	1914	1909	Amount.		
			1914	1909	
Primary power, total.....	96	56	1,359	1,010	34.0
Owned.....	49	41	1,126	877	28.4
Steam.....	45	40	1,074	867	23.9
Internal combustion.....	3	1	14	.....	.....
Water wheels and motors.....	1	1	38	10	.....
Rented.....	47	15	233	133	75.2
Electric.....	47	15	213	133	60.2
Other.....	.....	.....	20	.....	.....
Generated in establishments reporting electric.....	35	.....	70	.....	.....

Table 31 shows the kinds and quantities of fuel used in the laundries, as reported at the censuses of 1914 and 1909, with percentages of increase.

KIND.	Unit.	QUANTITY.		Per cent of increase, 1909-1914.
		1914	1909	
Anthracite coal.....	Tons (2,240 lbs.).....	651	.....	.....
Bituminous coal.....	Tons (2,000 lbs.).....	13,670	8,872	54.1
Coke.....	Tons (2,000 lbs.).....	5	.....	.....
Oil.....	Barrels.....	120	101	18.8
Gas.....	1,000 feet.....	2,475	1,468	68.6

GENERAL TABLES.

Table 32 gives, for 1914, 1909, and 1904, 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 for the cities having more than 10,000 inhabitants, similar data for all industries combined.

Table 33 presents, for 1914, statistics in detail for each industry in the state that can be shown without the disclosure of the operations of individual establishments, and the statistics for all industries combined for each of the cities in the state having more than 10,000 inhabitants.

TABLE 32.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904.

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.			INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1914	5,507	136,844	508,085	\$46,038	\$169,942	\$289,412	Hosiery and knit goods....	1914	74	7,787	7,879	2,045	6,410	8,892
	1909	4,931	121,473	378,556	34,355	121,861	216,656		1909	62	5,151	4,024	1,080	3,012	5,152
	1904	3,272	85,339	216,622	21,375	79,268	142,521		1904	40	2,944	2,148	617	1,395	2,484
Agricultural implements...	1914	17	149	389	71	98	305	Ice, manufactured.....	1914	61	519	8,329	263	342	1,126
	1909	22	132	356	50	90	262		1909	45	318	5,386	127	180	659
	1904	13	107	206	31	51	127		1904	32	235	2,991	83	97	418
Boots and shoes.....	1914	4	70	217	14	104	149	Leather, tanned, curried, and finished.	1914	17	877	2,806	355	5,545	7,182
	1909	7	178	140	46	242	408		1909	39	832	2,672	290	4,156	5,415
	1904	7	89	70	25	117	186		1904	34	534	1,521	149	2,038	2,662
Bread and other bakery products.	1914	66	305	360	127	522	873	Lumber and timber products.	1914	2,052	34,374	140,386	12,554	16,320	39,632
	1909	54	189	148	80	341	539		1909	2,544	34,001	115,542	9,707	12,534	33,525
	1904	34	115	42	36	133	246		1904	1,364	16,983	65,026	5,119	6,612	19,489
Brick and tile, pottery, and other clay products.	1914	139	1,612	7,961	505	494	1,520	Marble and stone work.....	1914	64	704	1,721	404	286	981
	1909	176	1,608	7,529	412	405	1,321		1909	56	807	1,863	384	226	881
	1904	117	1,163	3,547	267	194	802		1904	22	396	382	156	81	399
Carriages and wagons and materials.	1914	137	1,462	2,176	644	1,777	3,133	Mattresses and spring beds.	1914	29	174	191	56	223	376
	1909	138	1,629	1,910	603	1,894	3,283		1909	23	166	134	65	172	315
	1904	125	1,373	1,310	482	1,229	2,804		1904	9	69	76	16	108	164
Cars and general shop construction and repairs by steam-railroad companies.	1914	16	2,806	1,941	1,674	2,839	5,048	Oil, cottonseed, and cake...	1914	62	1,586	15,874	536	13,114	15,269
	1909	12	2,568	1,458	1,296	1,561	2,934		1909	53	1,165	9,641	326	7,090	8,504
	1904	11	1,973	988	1,023	1,334	2,444		1904	43	867	7,935	233	2,956	3,749
Coffins, burial cases, and undertakers' goods.	1914	14	312	1,239	113	344	691	Patent medicines and compounds.	1914	26	74	17	27	260	512
	1909	9	226	431	71	157	352		1909	26	60	28	18	216	474
	1904	9	183	394	52	70	271		1904	26	55	6	11	139	266
Copper, tin, and sheet-iron work.	1914	57	338	108	187	541	937	Printing and publishing....	1914	329	1,540	1,684	877	806	3,232
	1909	26	184	5	76	214	374		1909	322	1,376	1,119	661	645	2,497
	1904	13	93	10	40	107	194		1904	258	971	582	404	332	1,653
Cotton goods.....	1914	293	53,703	245,600	15,796	62,338	90,744	Saddlery and harness.....	1914	37	138	117	60	334	530
	1909	281	47,231	164,609	12,131	48,688	72,680		1909	33	135	99	52	257	427
	1904	212	36,356	92,215	7,504	33,025	47,254		1904	13	171	158	52	191	306
Fertilizers.....	1914	41	1,690	8,155	734	7,704	10,308	Tobacco manufactures.....	1914	33	10,467	6,070	2,984	24,310	57,861
	1909	34	933	3,132	398	4,183	6,316		1909	43	8,203	3,712	1,918	13,816	35,987
	1904	27	908	2,653	282	2,218	3,099		1904	55	7,293	2,017	1,457	10,149	28,088
Flour-mill and gristmill products.	1914	293	588	14,227	231	7,644	8,964	Turpentine and rosin.....	1914	35	45	33	10	98	147
	1909	249	496	11,578	180	7,287	8,501		1909	79	139	19	28	483	674
	1904	234	519	10,359	160	5,986	6,864		1904	87	148	4	39	578	743
Foundry and machine-shop products.	1914	136	1,526	3,159	843	1,329	2,893	Woolen goods.....	1914	5	391	685	105	394	667
	1909	102	1,490	2,700	718	1,245	2,771		1909	11	424	968	116	392	675
	1904	70	1,216	1,782	550	1,374	2,707		1904	12	343	849	71	406	556
Furniture.....	1914	109	5,801	11,837	1,856	4,835	9,335	All other industries.....	1914	441	7,596	24,219	2,865	10,670	17,386
	1909	117	5,533	11,379	1,585	4,398	7,885		1909	354	6,148	20,364	1,880	7,854	13,476
	1904	105	5,164	9,113	1,311	3,106	6,182		1904	288	4,967	9,929	1,167	5,121	8,641
Gas, illuminating and heating.	1914	20	210	705	102	252	716								
	1909	14	151	308	62	123	369								
	1904	12	104	309	38	71	223								

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

ASHEVILLE.....	1914	45	951	2,275	386	2,138	3,149	RALEIGH.....	1914	59	1,051	3,093	515	1,620	2,916
	1909	51	978	2,075	356	2,264	3,198		1909	55	1,023	2,970	384	1,276	2,376
	1904	45	792	2,075	229	1,247	1,918		1904	42	585	226	512	1,087	
CHARLOTTE.....	1914	107	3,799	16,990	1,477	7,482	10,962	WILMINGTON.....	1914	71	1,721	5,468	857	3,185	5,026
	1909	108	4,199	12,384	1,557	6,532	10,460		1909	64	1,213	4,580	470	1,903	3,005
	1904	73	2,234	6,993	2,869	4,850			1904	53	1,594	605	1,715	2,904	
DURHAM.....	1914	62	4,764	8,465	1,501	12,503	27,597	WINSTON-SALEM.....	1914	73	9,634	8,253	2,858	16,213	37,288
	1909	60	3,699	5,217	1,079	9,654	23,027		1909	66	7,636	5,920	1,839	7,656	18,240
GREENSBORO.....	1914	70	1,229	2,271	509	2,106	3,464								
	1909	61	952	1,545	338	1,106	2,032								
	1904	63	1,098	317	978	1,744									

¹ Apparently an error; figures should be 2,179.

² Excludes statistics for two establishments, to avoid disclosure of individual operations.

³ Includes "automobile repairing," "hardware," "iron and steel, cast-iron pipe," "plumbers' supplies," and "structural ironwork, not made in steel works or rolling mills," for which separate figures are given in Table 33.

⁴ Includes "boxes, wooden packing" and "lumber, planing-mill products, not including planing mills connected with sawmills," shown in Table 33.

⁵ Excludes statistics for one establishment, to avoid disclosure of individual operations.

⁶ Figures do not agree with those published, because it was necessary to revise them in order to include data only for those establishments located within the corporate limits of the city.

⁷ Figures represent a consolidation of Winston and Salem.

MANUFACTURES—NORTH CAROLINA.

TABLE 33.—DETAILED STATEMENT FOR THE STATE, BY INDUSTRIES,

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.						WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.			Under 16.	
					Male.	Female.	Number, 15th day of—			Male.	Female.		Male.	Female.
							Average number.	Maximum month.							Minimum month.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

	5,507	151,335	5,950	4,018	3,682	841	136,844	Mh 141,491	De 132,911	(^{3})	(^{3})	(^{3})	(^{3})	(³)	\$253,841,808
1 All industries.....	5,507	151,335	5,950	4,018	3,682	841	136,844	Mh 141,491	De 132,911	(^{3})	(^{3})	(^{3})	(^{3})	(³)	\$253,841,808
2 Agricultural implements.....	17	173	12	7	3	2	149	Fe 181	Oc 114	141	141	.....	.....	.....	385,442
3 Automobile repairing.....	18	77	18	7	1	2	49	Je 51	Se 47	50	49	1	.....	.....	105,720
4 Boots and shoes.....	4	82	7	3	2	.....	70	Au 74	Ja 66	71	70	.....	.....	.....	155,170
5 Boxes and cartons, paper.....	4	113	.....	6	.....	.....	106	My ⁴ 114	De 75	110	51	53	1	5	79,476
6 Boxes, wooden packing.....	32	1,006	31	33	17	1	924	Je 1,071	Mh 843	1,041	913	69	59	.....	1,615,061
7 Bread and bakery products, other than biscuits and crackers.	66	434	83	27	13	6	305	De 332	Ja ⁴ 295	322	281	28	12	1	322,720
8 Brick and tile.....	127	1,861	157	90	10	3	1,601	Je 2,285	De 809	2,306	2,236	.....	69	1	1,773,386
9 Brooms, from broom corn.....	4	32	5	3	.....	.....	24	Oc 26	Ja 22	25	19	.....	6	.....	27,006
10 Butter.....	3	11	.....	2	.....	.....	7	De 8	Se 6	8	8	.....	.....	.....	24,450
11 Canning and preserving, fruits and vegetables.	21	112	22	7	3	.....	80	.....	.....	319	94	182	20	23	112,639
12 Canned vegetables.....	12	73	13	1	.....	.....	59	Au 208	Ap 1	203	66	131	4	2	26,131
13 Canned fruits.....	9	39	9	6	3	.....	21	Au 92	De ⁴ 1	116	28	51	16	21	86,508
14 Carriage and wagon materials.....	6	98	3	.....	.....	3	85	Mh 129	Se ⁴ 21	122	122	.....	.....	.....	170,008
15 Carriages, wagons, and repairs.....	131	1,065	152	69	55	12	1,377	Au 1,579	De 939	1,540	1,617	15	8	.....	4,087,913
16 Cars and general shop construction and repairs by steam-railroad companies.	16	2,995	.....	32	132	25	2,806	Ap 2,964	No 2,620	2,629	2,606	23	.....	.....	2,299,423
17 Clothing, men's and youths'.....	9	432	2	17	23	5	385	Je 442	De 258	392	70	300	.....	22	338,138
18 Coffins, burial cases, and undertakers' goods.	14	377	6	27	30	2	312	Ja 329	No 297	311	286	17	8	.....	801,238
19 Confectionery and ice cream.....	29	181	30	18	16	7	110	.....	.....	106	80	24	2	.....	325,832
20 Confectionery.....	13	92	13	9	15	2	53	No ⁴ 57	Fe 48	56	32	24	.....	.....	154,600
21 Ice cream.....	16	89	17	9	1	5	57	Jy 71	Fe 43	50	48	.....	2	.....	171,142
22 Cooperage.....	37	200	9	7	2	.....	182	No 296	Ap 150	255	243	11	1	.....	174,244
23 Copper, tin, and sheet-iron work.....	57	442	61	21	15	7	338	Jy 376	De 299	365	361	4	.....	.....	557,974
24 Cotton goods.....	293	55,206	33	953	401	116	53,703	Ja 54,680	Se 52,451	54,218	29,994	17,005	3,014	3,305	80,005,293
25 Dyeing and finishing textiles.....	4	204	2	6	1	1	194	My 220	Se 175	183	116	64	2	1	179,168
26 Electrical machinery, apparatus, and supplies.	4	91	.....	4	5	4	78	Se 86	Ap 63	86	37	49	.....	.....	131,400
27 Fertilizers.....	41	1,931	13	75	130	23	1,690	Ap 3,081	Jy 1,030	1,702	1,700	1	1	.....	16,702,881
28 Flour-mill and gristmill products.....	293	1,121	391	77	52	13	588	Se 592	My 581	604	603	1	1	.....	3,576,064
29 Food preparations for animals and fowls.	4	14	.....	5	4	.....	5	Oc ⁴ 9	Fe ⁴ 2	9	9	.....	.....	.....	31,008
30 Foundry and machine-shop products.....	112	1,593	102	115	68	29	1,279	.....	.....	1,133	1,126	3	4	.....	3,330,784
31 Foundries.....	6	94	3	7	3	3	78	Mh 93	No 46	56	56	.....	.....	.....	278,309
32 Machine shops.....	106	1,499	99	108	65	26	1,201	Mh 1,269	De 1,053	1,077	1,070	3	4	.....	3,052,385
33 Furnishing goods, men's.....	3	24	2	3	1	.....	18	Je 24	De 2	23	3	20	.....	.....	17,928
34 Furniture.....	109	6,337	32	229	204	71	5,801	.....	.....	5,674	5,327	9	338	.....	8,799,116
35 Wood, other than rattan and willow.	100	6,056	29	215	191	65	5,556	Ja 6,122	De 4,619	5,430	5,104	4	322	.....	8,200,014
36 Metal, including store and office fixtures.	9	281	3	14	13	6	245	Ja 285	Oc 185	244	223	5	16	.....	599,102
37 Gas, illuminating and heating.....	20	290	.....	36	26	18	210	My 229	Fe 191	214	207	.....	7	.....	4,164,102
38 Hosiery and knit goods.....	74	8,130	51	176	87	29	7,787	Mh 8,095	Oc 7,276	8,214	2,532	4,302	586	794	8,227,232
39 Ice, manufactured.....	61	712	30	91	65	7	519	Jy 859	Ja 317	552	541	8	3	.....	2,736,040
40 Jute goods.....	4	368	.....	13	1	4	350	My 406	De 269	270	201	60	3	.....	555,493
41 Leather, tanned, curried, and finished.....	17	951	22	24	25	3	877	Jy 1,006	De ⁴ 781	793	789	3	1	.....	6,280,002
42 Lime.....	9	122	8	6	3	.....	105	No 133	Ap 89	113	112	1	.....	.....	91,820
43 Liquors, vinous.....	6	45	2	4	.....	.....	39	Se 73	Ja ⁴ 31	53	38	15	.....	.....	254,078
44 Lumber and timber products.....	2,714	35,307	3,641	683	344	49	30,590	Mh 31,629	Se 29,857	40,600	40,307	64	219	10	35,528,885
45 Lumber, planing-mill products, not including planing mills connected with sawmills.	206	3,348	202	201	65	20	2,860	Jy 2,975	De 2,700	2,839	2,810	.....	29	.....	4,318,393
46 Marble and stone work.....	64	865	88	38	26	9	704	Jy 777	Ja 518	668	654	.....	14	.....	1,067,902
47 Mattresses and spring beds.....	29	231	24	14	11	8	174	Mh 176	Au ⁴ 172	175	138	29	8	.....	245,607
48 Mineral and soda waters.....	132	730	147	73	33	7	470	Jy 531	Fe 417	482	453	1	28	.....	977,163
49 Minerals and earths, ground.....	7	361	2	16	5	2	336	Mh 408	Se 260	397	397	.....	.....	.....	357,509
50 Mirrors, framed and unframed.....	6	284	2	10	8	1	263	Ja ⁴ 283	De 231	238	238	.....	.....	.....	413,560
51 Oil, cottonseed, and cake.....	62	1,928	3	185	142	12	1,586	Fe 2,464	Jy 478	2,452	2,438	2	12	.....	8,434,016
52 Patent medicines and compounds.....	26	153	22	18	34	5	74	Mh 83	No 62	73	31	40	2	.....	424,300
53 Paving materials.....	6	532	6	10	7	1	508	Ja 552	Oc 461	559	558	.....	1	.....	658,088
54 Peanuts, grading, roasting, cleaning, and shelling.	9	207	5	8	5	3	186	Ja 291	Jy 88	289	80	208	.....	1	346,379
55 Pottery, earthen and stone ware.....	12	24	13	.....	.....	.....	11	Jy ⁴ 15	De ⁴ 7	15	15	.....	.....	.....	11,560
56 Printing and publishing, book and job.	91	756	79	55	31	22	569	.....	.....	598	448	128	18	4	993,706
57 Job printing.....	85	739	73	53	31	21	561	De ⁴ 591	Au 542	590	440	128	18	4	939,350
58 Book publishing and printing.....	6	17	6	2	.....	1	8	.....	.....	8	8	.....	.....	.....	14,326
59 Printing and publishing, newspapers and periodicals.	238	1,534	198	151	147	67	971	.....	.....	992	776	115	97	4	1,920,555
60 Printing and publishing.....	49	641	31	64	103	27	416	Se 420	Ap ⁴ 413	419	315	37	67	.....	951,352
61 Printing, publishing, and job printing.	164	833	154	73	31	20	555	No 578	Fe 535	573	461	78	30	4	930,507
62 Publishing, without printing.....	25	60	13	14	13	20	.....	.....	.....	.....	.....	.....	.....	.....	38,696
63 Saddlery and harness.....	37	206	40	15	11	2	138	Mh 153	Oc ⁴ 122	128	124	4	.....	.....	435,813

¹ Owned power only.

² Includes rented power, other than electric.

³ No figures given, for reasons explained in the text of introduction.

MANUFACTURES—NORTH CAROLINA.

AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

EXPENSES.							Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.			Primary horsepower.				Electric horse-power generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal-revenue and corporation-income.	Principal materials.			Fuel and rent of power.	Total.	Steam engines. ¹	Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rent-od).

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

\$6,074,025	\$4,170,207	\$46,038,447	\$1,957,489	\$373,200	\$13,715,623	\$163,706,300	\$6,235,671	\$289,411,987	\$119,470,016	508,085	331,132	7,112	41,181	128,660	34,501	1
30,310	4,060	71,178	1,280	483	5,407	91,197	7,071	305,108	206,840	389	112	100	.....	177	25	2
7,075	1,100	25,436	.....	3,005	812	28,062	1,332	92,140	62,746	101	3	33	.....	65	5	3
2,300	2,700	14,064	.....	.....	379	103,416	520	148,935	44,999	217	75	16	125	1	.....	4
6,910	180	26,403	.....	1,529	1,197	57,786	705	139,992	81,501	23	.....	8	.....	15	.....	5
59,306	16,739	346,700	110,911	456	8,636	1,010,441	16,457	1,808,453	781,555	4,036	3,061	237	98	640	400	6
26,475	5,774	127,398	81	21,075	2,626	498,891	23,075	873,381	351,415	360	66	7	.....	287	11	7
95,421	6,635	502,015	3,582	2,089	8,345	109,707	382,860	1,506,894	1,014,327	7,959	7,185	34	.....	740	12	8
2,484	.....	6,179	.....	810	140	33,515	327	53,520	19,678	16	4	6	.....	6	.....	9
1,500	.....	3,390	.....	.....	151	50,743	735	63,367	11,889	39	37	.....	.....	2	.....	10
4,333	300	12,605	51,833	135	812	99,719	810	194,583	94,054	139	136	3	.....	.....	.....	11
200	.....	8,867	200	15	156	17,164	385	36,711	19,162	50	50	.....	.....	.....	.....	12
4,133	300	3,788	51,633	120	656	82,555	425	157,872	74,892	89	86	3	.....	.....	.....	13
8,025	1,272	42,039	.....	.....	1,201	107,934	2,346	176,156	65,876	366	345	21	.....	.....	.....	14
107,849	77,154	601,793	160	15,618	29,743	1,634,758	32,349	2,956,926	1,289,819	1,810	1,049	302	8	451	36	15
42,237	119,876	1,673,975	.....	300	2,977	2,752,042	86,771	5,047,536	2,208,723	1,941	1,737	65	.....	139	3,110	16
20,198	22,603	109,223	224	4,476	4,264	369,631	4,088	603,538	229,819	128	60	8	.....	60	20	17
40,447	41,829	112,680	100	975	4,823	382,586	11,231	691,066	347,240	1,239	590	.....	12	637	.....	18
21,555	18,352	42,533	.....	10,910	2,778	291,907	13,991	475,058	169,187	234	99	32	.....	103	30	19
11,189	16,182	19,787	.....	6,142	1,077	114,249	4,115	203,559	85,195	37	9	.....	.....	28	.....	20
10,366	2,170	22,746	.....	4,768	1,701	177,658	9,876	271,526	83,992	197	90	32	.....	75	30	21
8,193	1,620	69,377	2,213	4,693	1,953	166,323	1,047	332,672	165,302	493	430	12	.....	51	.....	22
21,295	14,479	187,109	1,685	10,696	4,688	537,159	3,427	936,927	396,341	108	.....	34	.....	74	.....	23
1,601,139	401,731	15,795,742	205,464	13,994	667,590	59,241,752	3,096,670	90,743,683	28,405,261	245,600	108,577	555	30,913	105,555	15,431	24
7,900	1,500	60,619	211	1,320	1,162	90,832	14,678	203,379	97,869	273	225	40	.....	8	.....	25
4,600	6,210	31,280	.....	3,175	1,021	105,056	1,220	177,075	70,799	89	.....	.....	21	68	.....	26
163,224	221,739	733,918	13,866	13,536	96,197	7,582,875	121,342	10,307,856	2,603,639	8,155	4,740	892	25	2,498	1,577	27
66,944	51,498	231,074	260	3,523	24,394	7,514,924	128,859	8,963,501	1,319,718	14,227	5,138	760	5,496	2,833	87	28
2,980	530	1,074	.....	820	78	31,504	273	41,691	9,914	63	.....	.....	.....	63	.....	29
152,148	68,290	734,112	.....	15,957	26,435	1,041,048	59,168	2,476,652	1,376,437	2,697	1,069	253	50	1,325	5	30
9,600	3,600	37,997	.....	45	2,938	57,156	3,389	127,814	67,269	193	140	.....	.....	53	.....	31
142,548	64,690	696,115	.....	15,912	23,497	983,892	55,779	2,348,339	1,309,168	2,504	929	253	50	1,272	5	32
1,980	420	6,080	.....	350	138	27,480	120	40,488	12,888	11	.....	.....	.....	11	.....	33
340,932	216,083	1,855,846	3,074	2,762	48,923	4,761,914	73,191	9,335,195	4,500,090	11,837	11,040	180	55	562	286	34
323,619	199,952	1,758,822	3,074	2,162	46,401	4,528,557	66,537	8,899,080	4,304,586	11,278	10,540	180	55	503	276	35
17,313	16,131	97,024	.....	600	2,522	233,357	6,654	435,515	195,504	559	500	.....	.....	59	.....	36
37,761	22,432	102,351	.....	.....	19,764	47,936	204,037	716,379	464,406	705	621	5	.....	79	.....	37
237,384	91,848	2,045,492	11,779	3,048	59,453	6,229,247	180,412	8,892,362	2,482,703	7,879	4,448	152	1,960	1,319	1,449	38
104,161	45,525	263,058	1,000	20,110	30,455	133,868	207,879	1,125,964	784,117	8,329	7,958	53	.....	318	323	39
30,940	3,214	97,091	7,491	1,020	3,278	641,929	11,894	669,047	15,224	596	30	.....	.....	566	.....	40
144,028	21,912	355,101	12,000	.....	37,373	5,492,658	52,530	7,182,400	1,637,214	2,806	2,550	6	88	162	1,453	41
5,810	1,580	38,584	1,503	4,437	463	29,558	12,654	103,157	62,945	448	415	33	.....	.....	.....	42
4,980	.....	18,146	.....	3,500	1,082	79,782	225	122,763	42,756	135	75	25	.....	35	.....	43
929,756	334,746	11,129,792	1,169,922	43,209	220,521	10,106,416	250,837	30,529,211	20,171,958	124,643	121,502	2,109	642	390	4,363	44
227,057	62,349	1,077,921	77,920	16,326	32,968	4,896,717	39,231	7,293,909	2,357,961	11,707	10,513	141	43	1,010	85	45
48,117	24,276	403,927	17,683	7,017	5,022	253,006	31,950	980,643	695,087	1,721	1,338	70	.....	313	217	46
23,012	8,425	56,415	233	2,760	1,795	219,057	4,192	376,889	153,140	191	25	16	.....	150	67	47
82,702	24,514	196,948	2,346	25,294	17,395	919,307	16,021	1,706,745	771,417	428	13	151	7	257	3	48
12,825	3,526	123,899	9,702	3,604	7,836	39,873	13,868	215,502	161,761	975	535	75	365	.....	85	49
20,400	8,510	114,844	.....	1,500	2,672	623,973	10,669	914,704	280,062	288	35	.....	.....	253	.....	50
263,075	127,443	535,823	60	1,500	63,777	12,829,926	284,229	15,269,864	2,155,209	15,874	14,098	11	.....	1,765	993	51
24,265	48,435	26,788	920	2,973	3,863	249,136	11,121	511,563	251,311	17	.....	.....	1	16	.....	52
14,705	4,733	338,214	.....	843	74,075	17,875	21,640	485,612	389,897	1,196	746	.....	.....	450	60	53
10,830	4,900	31,341	.....	2,340	1,574	838,120	2,471	1,080,159	189,568	318	280	.....	.....	38	.....	54
75,902	36,122	346,015	3,945	30,621	8,343	320,628	17,945	1,083,720	745,147	488	6	30	.....	452	2	55
75,302	36,066	341,651	437	29,651	7,980	315,248	17,716	1,059,170	720,206	483	6	30	.....	447	2	57
600	56	4,954	3,508	970	363	5,380	229	24,550	18,941	5	.....	.....	.....	5	.....	58
194,710	146,760	531,403	47,495	33,527	15,647	423,710	43,749	2,148,454	1,680,995	1,196	120	300	2	774	61	59
102,314	103,351	258,283	4,692	9,504	8,260	206,169	25,457	1,126,428	894,802	591	90	69	.....	432	61	60
75,186	28,189	273,120	2,202	23,288	6,774	210,994	18,068	900,856	672,694	605	30	231	2	342	.....	61
17,210	15,220	.....	40,601	735	613	7,447	224	121,170	113,499	.....	.....	.....	.....	.....	.....	62
18,082	12,139	60,131	.....	7,080	3,197	330,857	2,944	529,565	195,784	117	45	17	.....	55	.....	63

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES—NORTH CAROLINA.

AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal-revenue and corporation-income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

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

1,200	520	33,853	.....	175	1,196	37,471	428	93,175	55,276	100	62	35	.....	3	.....	1
1,200	520	23,054	.....	75	660	30,420	324	67,800	37,056	46	15	28	.....	3	.....	2
.....	.....	10,799	.....	100	536	7,051	104	25,375	18,220	54	47	7	.....	.....	.....	3
2,850	650	12,520	.....	120	202	24,039	448	54,056	29,569	38	.....	.....	.....	38	.....	4
387,202	1,490,896	2,504,434	100	1,070	9,211,902	20,278,557	117,452	46,484,216	26,088,207	5,231	4,855	6	.....	370	2,933	5
90,021	221,960	383,353	100	1,070	1,052,124	2,054,218	31,994	4,318,269	2,232,057	1,297	1,010	.....	.....	287	172	6
297,181	1,268,936	2,121,081	.....	.....	8,159,778	18,224,339	85,458	42,165,947	23,856,150	3,934	3,845	6	.....	83	2,761	7
58,911	202,749	479,682	1,968	759	2,939,450	3,887,416	26,575	11,377,162	7,463,171	839	820	.....	.....	19	326	8
1,120	1,680	10,202	3,573	220	530	96,989	1,285	146,681	48,407	33	13	20	.....	.....	.....	9
4,700	1,530	35,627	108	488	970	61,704	2,552	144,865	80,609	605	522	25	10	48	.....	10
1,325	240	7,895	25	144	165	13,593	396	29,935	15,946	88	75	6	.....	7	.....	11
20,000	7,030	105,447	.....	.....	5,531	383,319	10,831	666,541	272,391	685	475	.....	210	.....	20	12
239,655	128,849	1,532,891	192,722	28,096	71,457	5,471,396	569,525	9,818,814	3,777,893	17,857	13,179	226	1,050	3,402	1,057	13

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

\$97,121	\$44,684	\$385,607	\$14,139	\$17,171	\$20,837	\$2,068,380	\$69,127	\$3,148,802	\$1,011,295	2,575	1,375	6	.....	1,194	303	1
369,716	201,360	1,476,675	7,358	42,563	85,011	7,203,964	278,244	10,962,113	3,479,905	16,990	9,091	46	.....	7,853	434	2
235,443	634,659	1,500,943	264,677	12,181	5,220,709	12,353,753	149,573	27,597,258	15,093,932	8,465	6,130	16	.....	2,319	864	3
139,150	90,512	508,598	21,950	16,831	66,876	2,036,705	69,509	3,464,328	1,358,114	2,271	1,110	157	.....	1,004	37	4
196,440	138,609	1,255,317	5,671	13,411	29,604	3,068,326	76,775	5,931,761	2,786,600	5,240	4,166	80	.....	994	851	5
63,997	44,653	374,133	20,725	3,886	15,920	1,183,659	20,855	1,910,497	705,983	2,550	2,331	60	.....	159	225	6
105,940	100,812	515,087	14,711	32,886	20,657	1,520,649	99,064	2,915,767	1,296,054	3,093	944	33	.....	2,116	39	7
40,434	96,291	780,066	8,227	3,367	8,702	1,053,115	49,670	2,742,802	1,040,017	2,114	1,980	56	.....	78	1,270	8
144,490	89,047	857,123	.....	40,219	28,507	3,088,108	96,470	5,025,504	1,840,926	5,463	4,449	67	50	902	154	9
432,028	1,118,629	2,857,816	8,260	19,116	6,313,470	16,014,078	198,922	37,287,683	21,074,683	8,283	5,775	30	.....	2,448	3,385	10

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

* All other industries embrace (continued)—	3	Roofing materials.....	1	Structural Ironwork, not made in steel works or rolling mills.....	3
Optical goods.....	3	Sausage.....	2	Tools, not elsewhere specified.....	1
Paints.....	3	Scales and balances.....	1	Upholstering materials.....	3
Paper and wood pulp.....	3	Shipbuilding, iron and steel.....	1	Waste.....	4
Paper goods, not elsewhere specified.....	1	Shirts.....	1	Wheelbarrows.....	1
Pickles and preserves.....	2	Signs.....	2	Window shades and fixtures.....	1
Plated ware.....	1	Silk goods, including throwsters.....	4	Wood distillation, not including turpentine and rosin.....	2
Plumbers' supplies, not elsewhere specified.....	1	Slaughtering and meat packing.....	1		
Pocketbooks.....	1	Stoves and ranges.....	1		
Pumps, not including power pumps.....	1				