

CENSUS BULLETIN.

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MANUFACTURES.

MASSACHUSETTS.

HON. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of Massachusetts for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 118 cities and towns in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and towns which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Twenty-five cities in Massachusetts contain a population exceeding 20,000 each: Boston, Brockton, Cambridge, Chelsea, Everett, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, North Adams, Pittsfield, Quincy, Salem, Somerville, Springfield, Taunton, Waltham, and Worcester. The manufacturing statistics of these 25 cities are presented by specified industries, and the statistics of Boston,

Brockton, Cambridge, Chelsea, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, Salem, Somerville, Springfield, Taunton, and Worcester are presented in comparison with the returns of the Eleventh Census. The statistics of Everett, North Adams, Pittsfield, Quincy, and Waltham were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

Mr. Horace G. Wadlin, Chief of the Massachusetts Bureau of Statistics of Labor, rendered valuable assistance in the preparation of the text for the accompanying report.

The statistics of Massachusetts are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than \$500, which three latter classes were not reported at previous censuses; Table 3 showing the statistics of the 21 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Boston, Brockton, Cambridge, Chelsea, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, Salem, Somerville, Springfield, Taunton, and Worcester at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and towns withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Boston, Brockton, Cambridge, Chelsea, Everett, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, North Adams, Pittsfield, Quincy, Salem, Somerville, Springfield, Taunton, Waltham, and Worcester by specified industries; and Table 9 showing the totals for all industries in each of the cities and towns withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in Massachusetts for the half century which terminates with the Twelfth Census. The manufacturing statistics of the censuses prior to 1850 were too imperfect and fragmentary in character to make it proper to reproduce them in such a table as a measure of industrial growth in the first half of the century. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in Massachusetts manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of 1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from the wage-earners, as reported by the present census, many

high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments.

The reports show a capital of \$823,264,287 invested in manufactures and mechanical industries in the 29,180 establishments reporting for the state of Massachusetts. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at \$1,035,198,989, to produce which involved an outlay of \$31,257,630 for salaries of officials, clerks, etc.; \$228,240,442 for wages; \$73,209,015 for miscellaneous expenses, including rent, taxes, etc.; and \$553,320,955 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of Massachusetts, \$1,035,198,989, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for Massachusetts, the gross value of products for 1900 was \$1,035,198,989. The value of materials purchased in a partly manufactured form was \$377,921,988. The difference, \$657,277,001, is the net or true value of products, and represents the value of all crude materials used, together with the increase in value resulting from the various processes of manufacture.

Very respectfully,



Chief Statistician for Manufactures.

MASSACHUSETTS.

Table I shows the manufacturing and mechanical industries of the state of Massachusetts as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufactur-

ing establishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE I.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	29,180	26,928	14,352	13,212	8,176	8,852	8.4	87.6	8.6	61.6	17.6
Capital	\$823,264,287	\$630,082,341	\$303,806,185	\$231,677,862	\$182,792,327	\$58,940,292	30.7	107.4	31.1	74.5	49.3
Salaried officials, clerks, etc., number	27,860	27,912	(^a)	(^a)	(^a)	(^a)	126.5				
Salaries	\$31,257,630	\$33,826,172	(^a)	(^a)	(^a)	(^a)	17.6				
Wage-earners, average number	497,448	447,270	352,255	279,380	217,421	177,461	11.2	27.0	26.1	28.5	22.5
Total wages	\$228,240,442	\$205,844,337	\$128,315,802	\$118,051,886	\$56,960,913	\$41,954,736	10.9	60.4	8.7	107.3	35.8
Men, 16 years and over	341,788	305,151	228,834	179,032	146,268	107,784	12.0	33.4	27.8	22.4	35.7
Wages	\$180,155,824	\$168,726,542	(^a)	(^a)	(^a)	(^a)	10.0				
Women, 16 years and over	143,109	133,452	105,976	86,229	71,153	69,677	7.2	25.9	22.9	21.2	2.1
Wages	\$45,630,890	\$40,647,480	(^a)	(^a)	(^a)	(^a)	12.3				
Children, under 16 years	12,556	8,687	17,445	14,119	(^a)	(^a)	44.9	150.3	23.6		
Wages	\$2,453,728	\$1,470,815	(^a)	(^a)	(^a)	(^a)	66.9				
Miscellaneous expenses	\$73,209,015	\$63,083,782	(^a)	(^a)	(^a)	(^a)	16.1				
Cost of materials used	\$552,717,955	\$478,199,434	\$336,972,655	\$334,413,982	\$135,053,721	\$85,856,771	16.8	22.3	15.7	147.6	57.3
Value of products, including custom work and repairing	\$1,085,198,980	\$888,160,408	\$631,135,284	\$553,912,568	\$255,545,922	\$157,743,994	16.6	40.7	13.9	116.8	62.0
Total population	2,805,346	2,238,948	1,783,085	1,457,351	1,231,065	994,514	25.3	25.6	22.4	18.4	23.8
Wage-earners engaged in manufactures	497,448	447,270	352,255	279,380	217,421	177,461	11.2	27.0	26.1	28.5	22.5
Per cent of total population	17.7	20.0	19.8	19.2	17.7	17.8	40.4	44.0	28.3	89.5	36.2
Assessed value of real estate	\$2,247,094,547	\$1,600,187,807	\$1,111,160,072	\$901,037,841	\$475,413,165	\$349,129,932					
Value of land and buildings invested in manufactures ^c	\$173,694,674	\$124,833,215	(^b)	(^b)	(^b)	(^b)	39.1				
Per cent of assessed value	7.7	7.8									

¹ Decrease.

² Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)

³ Not reported separately.

⁴ Not reported.

⁵ As given in the Report of the Tax Commissioner for 1899, page 13.

⁶ Does not include value of rented property.

Table 1 shows that there has been a considerable growth in the manufacturing and mechanical industries of Massachusetts during the half century. The population during these years increased from 994,514 to 2,805,346, or 182.1 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 177,461 to 497,448, or 180.3 per cent, embracing, in 1900, 17.7 per cent of the entire population, compared with 17.8 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 623,080, or 22.2 per cent of the total population of the state. Both the greatest percentage of increase in the value of products, 116.8, and the greatest absolute increase, \$298,366,646, are shown for the decade ending with 1870. The land area of Massachusetts is 8,040 square miles, only 4 states being smaller, namely, Rhode Island, Delaware, Connecticut, and New Jersey, and yet in 1900, as in 1890, Massachusetts ranked fourth among the United States in value of manufactured products. The development of manufacturing in Massachusetts is not due to special advantages based upon the possession of raw material. The coal, iron, cotton, wool, lumber, hides, and nearly all the other materials which

are used in the great manufacturing industries are brought from without, and after transformation into finished products are, in the main, consumed in markets outside the borders of the state.

The principal advantage which the state possesses is its waterpower, and although changes in the methods of developing power have perhaps rendered this less essential than formerly, it is still an important factor. The power of the Connecticut River at Holyoke, and at Turners Falls, in the town of Montague, utilized by means of immense dams of the most permanent construction, and by a system of canals, affords in each place a succession of mill sites along the entire water frontage. The Deerfield, Millers, Chicopee, and Westfield rivers, tributaries of the Connecticut, are all noteworthy power-producing streams. At Lowell and Lawrence, upon the Merrimac, the possession of similar advantages led to the selection of these places for the installation of the factory system in the manufacture of textiles. At Fall River, the power furnished from Watuppa Pond has been an essential element in the development of that cotton manufacturing center; while upon the Blackstone River and many lesser streams throughout the state, the existence of sites naturally adapted to the erection of mills was influential in the expansion of the

woolen and cotton industries in the early part of the century, thus laying the foundation of numerous thriving industrial communities.

Transportation facilities have kept pace with industrial development. Boston, the metropolis, is connected with the West by two railway systems, and these communicate, either directly or by branches, with all of the leading industrial centers. One general system, with its various divisions, communicates with the South by way of New York, uniting important manufacturing cities and towns, while a network of main and branch lines connects the northern and eastern factory centers of the state with each other, with the seaboard, and with the railway systems leading south and west. By water transportation, also, coal and supplies of materials are brought into Boston and other seaboard cities, and thence distributed to points of consumption.

The energies of the inhabitants of Massachusetts have always been directed largely into industrial channels. The records of the Patent Office show that a very large proportion of the machines which have had so great a part in transforming industrial conditions since the introduction of the factory system, are the inventions of Massachusetts men. In colonial days much was done through public action to foster and develop local manufactures, and the impetus thus given has had its effect throughout the industrial history of the state. The Massachusetts Charitable Mechanics' Association, incorporated in 1806, was influential for many years in promoting invention and improved craftsmanship by periodic exhibitions and in other ways. The state contains two technical educational institutions of the highest class, the Massachusetts Institute of Technology, at Boston, and the Worcester Polytechnic Institute, at Worcester. The importance of both these institutions has been very great. Their trained graduates have taken positions of responsibility in local industrial affairs, but their influence is by no means confined to the state. Both institutions have received liberal grants from the state, as well as gifts from individuals, and in return free scholarships have been established extending, on certain conditions, the privileges of these institutions to worthy graduates of the public schools. The importance of manual training in an industrial commonwealth is recognized in the public school system itself, the law providing that drawing and manual training may be regularly included in the courses of instruction. This provision is generally observed in the larger towns and cities, especially in those of industrial prominence. There is also the State Normal Art School, in which the principles of design receive prominent attention, and at Lowell, Fall River,

and New Bedford there are well-equipped schools, especially devoted to technical instruction in connection with the textile industry, and receiving appropriations from the state, in addition to private bequests and donations.

The early records contain numerous allusions to bounties or other aid granted to those who would undertake the establishment of useful, productive enterprises. The exportation of machinery from England to its colonies was forbidden by law, and in 1786 Massachusetts granted financial aid to Thomas Somers, an Englishman, and to Robert and Alexander Barr, Scotchmen—all of whom were acquainted with the progress of English invention—enabling them to construct spinning machinery, which was used experimentally at East Bridgewater, under the patronage of Col. Hugh Orr, of Bridgewater. An early and imperfect form of the Arkwright machines, brought into the country by Somers, became the property of Massachusetts.¹

As early as October 28, 1767, the sentiment of the citizens of Boston in favor of home industries found expression at a meeting held in Faneuil Hall, at which it was voted that on and after December 31, 1767, no one should purchase from abroad any of certain articles, among them cordage, men's and women's hats, ready-made wearing apparel, gloves, gold, silver, or thread lace of all sorts; broadcloth that cost above 10 shillings per yard; silk or cotton velvet, or silk of all kinds, for garments; or gauze, lawns, or cambrics.² In 1780 an association for making cloth was formed at Worcester; in April of that year the first piece of corduroy made in Worcester was taken from the loom.³ Similar associations for the industrial development of the province were soon formed elsewhere. The attention of the people was in this way directed into industrial channels, and busy industrial communities were founded, which were destined, under the influence of the factory system, to become important manufacturing towns and cities.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than \$500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

¹ Report of the Massachusetts Bureau of Statistics of Labor, 1885, page 172. Statistics of Manufactures, Massachusetts, 1898, page 219.

² Boston Town Records, 1758-1769, page 220 ff.

³ Lincoln's History of Worcester, page 268.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	31,982	\$840,281,127	34,791	499,746	\$229,843,215	\$73,350,112	\$551,251,766	\$156,053,236	\$379,366,948	\$18,881,582	\$1,038,196,393
Hand trades ¹	15,358	31,693,758	16,763	52,155	29,100,619	9,641,098	43,169,209	592,472	41,734,898	811,839	106,342,947
Governmental establishments	8	13,609,723		1,438	1,001,358	15,706	938,163	800	902,613	34,750	1,628,640
Educational, eleemosynary, and penal institutions	21	511,124	1	100	52,094	25,298	393,757	34,606	353,059	6,092	614,398
Establishments with a product of less than \$500.	2,773	2,895,993	2,865	760	49,321	100,093	201,891	12,608	189,288		754,366
All other establishments	13,822	791,570,529	15,172	445,293	199,189,823	63,567,917	509,548,746	155,412,755	336,187,090	17,948,901	928,856,942

¹ Includes bicycle and tricycle repairing, 553; blacksmithing and wheelwrighting, 1,996; boots and shoes, custom work and repairing, 1,718; carpentering, 2,103; clothing, men's, custom work and repairing, 1,527; clothing, women's, dressmaking, 1,335; dyeing and cleaning, 85; furniture, cabinetmaking, repairing, and upholstering, 500; lock and gun smithing, 151; masonry, brick and stone, 759; millinery, custom work, 874; painting, house, sign, etc., 1,743; paper hanging, 98; plastering and stuccowork, 108; plumbing, and gas and steam fitting, 1,072; sewing machine repairing, 20; taxidermy, 15; typewriter repairing, 7; watch, clock, and jewelry repairing, 694.

Of the 31,982 establishments of all classes shown in this table, 18,131, or 56.7 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than \$500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing, amounted to

\$107,097,313, or only 10.3 per cent of the total value of the products of the state.

In addition to the 31,982 active establishments in the state during the census year, with a capital of \$840,281,127, shown in Table 2, there were 148 idle establishments, with a capital of \$5,583,033, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Ammunition	1	\$249,500	Liquors, malt	1	\$21,500
Bookbinding and blank book making	3	14,850	Lumber and timber products	5	24,096
Boots and shoes, factory product	11	152,460	Lumber, planing mill products, including sash, doors, and blinds	4	49,720
Brick and tile	6	70,100	Marble and stone work	8	20,130
Bridges	1	75,000	Masonry, brick and stone	4	20,800
Carpentering	13	19,795	Mineral and soda waters	1	60,000
Carriages and wagons	3	19,836	Paper and wood pulp	3	734,908
Electrical apparatus and supplies	3	327,500	Pottery, terra cotta, and fire-clay products	2	98,800
Flouring and grist mill products	4	21,825	Silk and silk goods	2	19,000
Foundry and machine shop products	6	47,100	Tinsmithing, coppersmithing, and sheet-iron working	3	16,118
Horseshoes, factory product	2	993,747	Wood, turned and carved	1	80,000
Hosiery and knit goods	2	80,000	Woolen goods	16	1,086,157
Iron and steel	1	510,000	Worsted goods	2	888,643
Iron and steel, forgings	2	94,510	All other industries	36	66,728
Iron and steel, nails and spikes, cut and wrought, including wire nails	1	38,715			
Liquors, distilled	1	231,500			

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-ONE LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	5,570	\$578,812,222	832,232	\$143,868,269	\$48,505,464	\$381,856,715	\$672,470,907
	1890	5,699	438,298,314	295,011	126,925,067	40,981,263	327,053,169	575,226,750
Increase, 1890 to 1900		1120	140,513,908	37,221	16,943,202	2,574,196	54,803,546	97,244,157
Per cent of increase		12.3	32.1	12.6	13.8	6.3	16.6	16.9
Per cent of total of all industries in state	1900	19.1	70.3	66.8	63.0	59.4	69.0	65.0
	1890	21.2	69.6	66.0	61.7	64.9	69.1	64.8
Boot and shoe cut stock	1900	270	5,475,277	4,300	1,699,807	390,223	14,272,487	18,288,922
	1890	288	4,774,764	4,208	1,661,846	368,541	12,338,630	16,923,650
Boots and shoes, factory product	1900	640	37,577,630	58,645	27,745,820	4,826,896	75,751,964	117,115,243
	1890	1,057	44,567,702	67,374	32,379,899	5,568,283	69,928,182	116,357,900
Boots and shoes, rubber	1900	6	13,157,321	5,250	2,456,305	1,081,132	8,337,688	16,490,015
	1890	6	8,378,775	4,982	2,089,502	452,250	6,400,882	9,792,024
Carriages and wagons	1900	388	5,594,939	3,164	1,709,164	346,851	2,585,863	6,118,121
	1890	430	5,495,873	4,131	2,502,754	370,769	3,168,947	7,607,869
Clothing:								
Total	1900	813	5,410,165	6,776	2,505,280	1,696,105	7,806,902	15,032,604
	1890	265	11,846,787	8,608	3,310,997	2,633,241	12,790,368	23,106,164
Clothing, men's, factory product	1900	194	3,793,174	3,333	1,422,278	1,434,508	5,011,759	9,890,954
	1890	221	11,254,626	7,283	2,874,380	2,521,163	11,865,905	21,242,647
Clothing, women's, factory product	1900	119	1,616,991	3,443	1,083,002	261,597	2,795,143	5,201,650
	1890	44	592,161	1,325	436,117	112,078	924,463	1,893,517

¹ Decrease.

TABLE 3.—COMPARATIVE SUMMARY OF TWENTY-ONE LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Confectionery.....	1900	249	\$2,212,389	2,942	\$1,046,114	\$417,846	\$4,083,063	\$7,014,532
	1890	218	1,500,049	1,994	728,666	278,433	3,164,741	5,291,844
Cordage and twine.....	1900	19	7,697,434	3,303	1,100,990	418,861	6,527,318	9,635,571
	1890	32	8,168,593	3,351	1,097,908	372,447	7,688,142	10,510,530
Electrical apparatus and supplies.....	1900	54	8,259,612	5,202	2,714,449	454,008	5,250,293	10,490,361
	1890	26	5,582,175	2,581	1,294,523	338,810	2,488,390	5,762,599
Foundry and machine shop products.....	1900	825	62,498,989	32,234	17,862,854	3,535,269	21,857,406	56,290,159
	1890	711	36,621,187	23,379	13,533,768	2,040,866	14,447,803	38,906,680
Furniture, factory product.....	1900	120	10,967,220	6,092	2,925,331	1,105,730	4,557,565	11,244,503
	1890	136	8,457,794	3,410	1,999,256	341,571	2,623,947	6,166,522
Iron and steel.....	1900	8	13,738,593	6,125	3,408,827	1,001,756	7,542,888	13,491,159
	1890	15	8,890,555	5,210	2,469,075	179,970	6,951,018	11,201,149
Jewelry.....	1900	138	4,917,105	5,096	2,780,993	278,510	4,390,447	10,315,334
	1890	106	4,276,610	3,503	1,819,821	405,526	1,803,444	5,507,415
Leather, tanned, curried, and finished.....	1900	119	15,317,940	7,010	3,379,698	662,553	19,793,757	26,067,714
	1890	194	11,611,398	7,725	4,215,725	849,589	19,962,738	27,771,815
Liquors, malt.....	1900	40	18,136,623	1,651	1,340,412	4,731,540	2,843,050	11,255,613
	1890	26	6,003,344	818	613,070	1,820,173	2,064,079	5,355,438
Lumber:								
Total.....	1900	696	10,373,208	5,202	2,559,154	578,520	7,210,172	12,818,511
	1890	652	9,845,376	6,519	3,221,921	645,229	7,024,008	13,323,708
Lumber and timber products.....	1900	553	6,253,171	2,768	1,215,088	297,759	3,574,413	6,526,230
	1890	488	5,135,860	3,000	1,042,568	321,091	2,719,117	5,211,607
Lumber, planing mill products, including sash, doors, and blinds.....	1900	143	4,120,037	2,434	1,344,066	280,761	3,635,754	6,292,281
	1890	164	4,709,515	3,519	2,179,413	324,138	4,304,591	8,112,101
Paper and wood pulp.....	1900	93	26,692,922	9,061	3,998,400	1,693,505	11,918,802	22,141,461
	1890	85	22,467,036	7,817	3,420,459	1,832,753	12,210,458	21,524,173
Printing and publishing:								
Total.....	1900	981	19,325,956	10,859	6,675,723	5,508,817	6,822,951	28,964,680
	1890	813	12,206,449	8,482	5,012,310	4,090,188	4,539,098	18,918,942
Printing and publishing, book and job.....	1900	585	8,933,693	5,427	2,906,519	2,206,995	2,901,286	12,199,580
	1890	404	4,614,622	3,008	1,923,008	1,020,004	1,936,758	6,899,236
Printing and publishing, newspapers and periodicals.....	1900	396	10,392,258	5,432	3,769,204	3,301,822	3,921,665	16,765,100
	1890	409	7,531,827	4,874	3,088,704	3,070,184	2,902,340	12,019,706
Rubber and elastic goods.....	1900	70	11,818,650	5,944	2,401,954	652,939	8,554,422	13,885,059
	1890	50	6,836,190	3,472	1,367,634	594,527	5,311,889	8,518,612
Slaughtering:								
Total.....	1900	22	11,314,075	2,748	1,318,077	561,102	23,040,069	31,633,483
	1890	24	7,187,735	1,779	826,409	497,382	16,372,177	20,221,645
Slaughtering and meat packing, wholesale.....	1900	11	9,016,672	2,337	1,113,943	464,526	24,603,698	27,505,698
	1890	14	6,599,248	1,548	665,513	470,515	13,185,256	16,692,851
Slaughtering, wholesale, not including meat packing.....	1900	11	2,297,403	411	204,134	126,576	3,436,371	4,127,785
	1890	10	588,487	231	160,896	26,867	3,186,921	3,528,794
Sugar and molasses, refining.....	1900	7	13,974,045	592	352,059	411,754	19,170,246	19,626,882
	1890	4	1,862,275	204	115,529	3,758,036	12,842,736	16,875,538
Textiles:								
Total.....	1900	512	274,332,129	149,346	53,946,858	13,122,047	114,039,862	214,600,980
	1890	562	216,157,663	125,514	43,243,995	12,992,734	108,636,492	186,552,533
Carpets and rugs, other than rag.....	1900	8	9,400,829	4,480	1,720,289	427,241	3,989,945	6,966,237
	1890	7	8,676,924	5,109	1,816,089	367,164	4,731,873	7,275,009
Cotton goods, including cotton small wares.....	1900	177	156,289,451	92,515	32,478,697	7,275,111	54,389,045	111,125,175
	1890	187	128,838,837	75,544	25,118,365	6,675,285	56,586,283	100,202,832
Dyeing and finishing textiles.....	1900	37	15,206,200	4,678	2,081,015	866,829	3,110,910	8,868,290
	1890	33	11,996,154	4,270	1,809,787	869,609	2,801,364	6,496,215
Felt goods.....	1900	7	1,338,640	464	180,795	67,612	953,203	1,526,830
	1890	7	731,976	326	120,683	29,386	637,928	918,800
Hosiery and knit goods.....	1900	54	6,288,672	6,667	2,091,258	528,103	2,910,640	6,620,257
	1890	74	4,497,940	4,582	1,392,630	315,786	2,552,705	5,082,087
Shoddy.....	1900	29	769,294	307	127,715	50,027	685,123	988,189
	1890	29	902,850	406	152,013	62,687	1,170,868	1,614,459
Silk and silk goods.....	1900	20	5,649,758	3,110	1,110,324	382,745	3,823,963	5,957,582
	1890	20	3,358,296	2,993	1,083,284	484,390	3,251,893	5,557,669
Wool hats.....	1900	4	402,082	541	278,129	97,319	587,902	1,103,003
	1890	7	1,043,590	1,017	493,851	79,247	820,263	1,700,456
Woolen goods.....	1900	131	33,196,903	17,717	6,823,051	1,745,199	18,273,424	30,888,104
	1890	105	34,911,187	19,452	7,117,046	2,618,078	21,815,199	35,771,161
Worsted goods.....	1900	45	45,790,300	18,867	7,055,585	1,681,861	25,315,707	40,557,363
	1890	33	21,204,909	11,835	4,239,047	1,491,042	14,259,116	21,933,775

The 21 leading industries of the state in 1900, as shown in Table 3, embraced 5,570 establishments, or 19.1 per cent of the total number in the state; used a capital of \$578,812,222, or 70.3 per cent of the total; gave employment to 332,232 wage-earners, or 66.8 per cent of the total number; and paid \$143,868,269, or 63 per cent of the total wages. The value of their products was \$672,470,907, or 65 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

Table 3 shows that the manufacture of textiles is the most important industry in the state. The 512 establishments reported in 1900 gave employment to 149,846 wage-earners, or 30 per cent of the wage-earners employed in the state, and the products were valued at \$214,600,980, or 20.7 per cent of the total value of the products of the state. In 1890 there were 562 establishments, 125,514 wage-earners, and products valued at \$186,552,533. The increase in the value of products during the decade was \$28,048,447, or 15 per cent. In the manufacture of textiles Massachusetts has long ranked first among the United States. In 1900 its textile products exceeded in value those of Pennsylvania, the state ranking second, by \$55,818,893, or 35.2 per cent. The subdivisions of the textile industry, mentioned in the order of the value of products, are: Cotton goods, including cotton small wares; worsted goods; woolen goods; dyeing and finishing textiles; carpets and rugs, other than rag; hosiery and knit goods; silk and silk goods; felt goods; wool hats; and shoddy.

There were 177 establishments engaged in the manufacture of cotton goods, including cotton small wares, in 1900, with 92,515 wage-earners, and products valued at \$111,125,175. In 1890 there were 187 establishments, 75,544 wage-earners, and products valued at \$100,202,882. The increase in the value of products during the decade was \$10,922,293, or 10.9 per cent.

The total number of spindles in the cotton industry of the state in 1900 was 7,784,687, as against 5,824,518 in 1890, an increase of 1,960,169, or 33.7 per cent. This was 40.6 per cent of the total increase in the United States. The looms in 1900 aggregated 179,582, as compared with 133,227 in 1890, an increase of 34.8 per cent. In 1900 Massachusetts had 41 per cent of all spindles and 39.8 per cent of all looms employed in the cotton factories of the United States. The state was first in rank among the United States in the manufacture of cotton goods, having held that position since the beginning of the industry in this country. In 1900 the value of the products of its cotton mills was 33.2 per cent of the value of all the cotton goods manufactured in the United States; the corresponding percentage for South Carolina, the state second in rank, was 8.9.

The production of the finer kinds of cotton goods shows a gratifying increase. Fancy woven fabrics increased from 59,061,558 square yards in 1890 to 137,064,111 square yards in 1900, or 132.1 per cent, while in the United States exclusive of Massachusetts the increase was only 47.5 per cent. Of the 268,852,716 square yards of napped fabrics made in the United States in 1900, Massachusetts produced

137,199,384 square yards, or 51 per cent. Although the increase in the state in ticks, denims, and stripes was slight—from 61,192,423 to 63,794,395 square yards, or 4.3 per cent—the increase in the United States exclusive of Massachusetts was only 2 per cent. The increase in the production of cotton duck in the state was from 6,174,332 to 17,903,957 square yards, or 190 per cent. Of twills and sateens made in the United States in 1900, Massachusetts produced 86,668,240 square yards, or 36.7 per cent. The manufacture of ginghams decreased in the state, and only slightly increased in the United States. The production of print cloths increased from 610,200,536 square yards in 1890 to 927,405,189 square yards in 1900, or 52 per cent, and this quantity was 58.6 per cent of all the print cloths made in the United States. In corduroy, cotton velvet, and plushes, and mosquito and other nettings, not reported in 1890, the quantity produced in Massachusetts reached in 1900 an aggregate of nearly four million square yards.

The power loom, which revolutionized the cotton industry in the United States, was first constructed by Francis C. Lowell, of Boston, and Paul Moody, of Amesbury.¹ The fact that the power loom was in successful operation in Great Britain was known in the United States, but it was difficult to obtain any reliable knowledge of its construction, because of the jealousy of the manufacturers. Exportations of machinery were also carefully restricted. Mr. Lowell went to Edinburg in 1811 and then to Manchester, obtaining sufficient information to enable him, upon his return to Massachusetts in 1813, to secure the construction of the power loom, which has accomplished so much for the cotton manufacture of the United States. It was first put into operation at Waltham in 1814.² In England a patent for a power loom had been granted in 1785 to Edmund Cartwright, but it can not be said that power-loom weaving was successfully established until 1804, for not until that year was the necessary auxiliary machinery constructed, or the practical skill necessary for the business acquired.

The first cotton mill in the United States was built at Beverly, in 1788. In 1806 or 1807 an old woolen mill at Byfield was transformed into a cotton mill, with English machinery, and the manufacture of warp yarn and wicking was begun. Later, the manufacture of tickings, coarse ginghams, and sheetings was established, all being woven on hand looms. At about the same date Seth Bemis, of Watertown, began the production of cotton duck.³ Between 1806 and 1814, 50 companies were incorporated in Massachusetts, principally for producing cotton and woolen goods, and in 1815 there were 57 cotton mills in the state, with 46,650 spindles.³ In 1813 Dexter Wheeler and others established the manufacture of cotton cloth, and in 1820 the company was incorporated as the Fall River Manufactory. In 1813 also the Troy Cotton and Woolen Manufactory was established, and on February 13, 1813,

¹ Statistics of Manufactures, Massachusetts, 1898, page 221 ff.

² Cotton Manufacture in the United States, by Samuel Batchelder, page 61 ff.

³ Census of Providence, by Stone.

the Boston Manufacturing Company was incorporated by special act of legislature. This corporation erected at Waltham a large mill containing 1,700 spindles in which all processes of manufacture were carried on under one roof, the first instance of the kind in the United States. In 1824 the Hamilton Company was organized at Lowell. This company was the first to apply the power loom to the manufacture of twilled and fancy goods and was the first to manufacture cotton drills. Its print works went into operation in 1828, but print works had been erected in Lowell six years earlier.¹

The production of sail duck and other grades of linen fabrics was introduced early, but subsequent to 1810 the introduction of cotton goods superseded that of linen to a considerable extent. In 1835 Smith, Dove & Co. began the manufacture of yarn, thread, and twine at Andover. In 1846 Henry H. Stevens, of Webster, began the production of linen goods, receiving, three years later, the gold medal of the American Institute for the best piece of American linen spun by machinery and woven on the power loom. In 1852 the American Linen Manufacturing Company of Fall River was established, and was the first and only regularly equipped manufactory of linen, on a large scale, from long-line flax.²

There were 45 establishments engaged in the manufacture of worsted goods in 1900, with 18,867 wage-earners, and products valued at \$40,557,363. In 1890 there were 33 establishments, 11,835 wage-earners, and products valued at \$21,933,775. The increase in the value of products during the decade was \$18,623,588, or 84.9 per cent.

In 1900 Massachusetts led all the other states in the manufacture of worsted goods, and for the first time the value of the products of the worsted mills exceeded that of the products of the woolen mills. The increase in the manufacture of worsted goods in the United States, for the decade ending with 1900, was so great that the total value of products was \$1,884,186 more than the total value of products of the woolen mills, although in 1890 the value of the products of the woolen mills exceeded that of the worsted mills by \$54,383,325. This shows the growing importance of the worsted industry. In Massachusetts the increase in the value of products during the decade was the phenomenal one of 84.9 per cent; in the United States as a whole it was 51.9 per cent, and, exclusive of Massachusetts, only 39.3 per cent. The absolute increase in Massachusetts during the decade ending in 1890 was \$11,467,759, and for the decade ending in 1900 it was \$18,623,588. The capital has more than doubled since 1890, increasing from \$21,204,909 to \$45,790,800, or 115.9 per cent. In 1900 it was 34.6 per cent of the total capital in the United States invested in this manufacture, compared with 31.1 per cent in 1890. In 1900, 70,078,969 square yards of cloth were made in its worsted mills, which was an increase from 43,579,321 square yards in 1890, or 60.8 per cent. The quantity produced in 1900 was 29.5 per cent of the products of all

the worsted mills of the United States in that year. Of worsted coatings, etc., for men's wear, the state in 1900 manufactured 21,180,544 square yards, or 42.2 per cent of all such goods made in the United States; of linings, Italian cloths, etc., 6,809,534 square yards, or 90.3 per cent of all made in the United States; and of worsted dress goods, 13,026,286 square yards, or 23.9 per cent of all made in the United States.

In the test of machinery the state makes a still better showing. The increase in the number of spindles in the worsted mills in the United States during the last decade was 81.6 per cent; in Massachusetts the increase was from 204,510 in 1890 to 429,526 in 1900, or 110 per cent. The increase in the number of looms in the United States was 38.5 per cent, while in Massachusetts it was from 6,488 to 9,584, or 47.7 per cent. In 1900 the state had 31.3 per cent of all the spindles and 36.3 per cent of all the looms employed in the worsted mills of the United States; in 1890 the corresponding percentages were 27.1 and 34.1, respectively. The state was first in 1900 in number of combing machines and second in carding machinery. Of the average number of wage-earners employed in worsted mills of the United States, Massachusetts had 33.1 per cent in 1900, compared with 27.6 per cent in 1890.

For many years the worsted manufacture was restricted, in Europe as well as in the United States, to goods intended for women's wear. About 1860 French and English manufacturers began to apply the process to goods for men's wear. The first American whose attention was attracted to the manufacture was E. R. Mudge, of Boston, one of the United States commissioners to the Paris Exposition of 1857, and also a director and the selling agent of the Washington mills at Lawrence. The French worsteds exhibited at the exposition were made of short-stapled merino wools. Upon his return to the United States, Mr. Mudge found that the Ohio merino wools were well adapted to the new manufacture, and at once sent to France for combing machines to be placed in the Washington mills. Within a few months the worsted goods of this mill, the first of the kind to be made in the United States, were on the market and selling as French-made goods. In 1867 American wool manufacturers, as a class, realized that they had a new field for their efforts. Other New England mills followed the example of those of Massachusetts.³ In 1869 light-weight suitings for men's wear, made in the United States, were first put on the market in quantity, but it was not until late in 1870 or early in 1871 that heavy-weights were manufactured here.⁴ The tendency since 1870 has been steadily in favor of the increase of the worsted manufacture, and in no other state, during the past decade, has this increase been so great as in Massachusetts.

There were 131 establishments engaged in the manufacture of woolen goods in 1900, with 17,717 wage-earners, and products valued at \$30,888,104. In 1890 there were

¹ Statistics of Manufactures, Massachusetts, 1898, page 221.

² Ibid., page 229.

³ The New England States, edited by William T. Davis, Vol. I, pages 241 and 242.

⁴ Eleventh Census of the United States, Manufacturing Industries, Part III, page 57.

165 establishments, 19,452 wage-earners, and products valued at \$35,771,161. The decrease in the value of products during the decade was \$4,883,057, or 13.7 per cent.

Massachusetts was first in 1900 and also in 1890 in the manufacture of woolen goods. The rise of the manufacture of worsted goods has been accompanied by a decline in that of woolen goods in Massachusetts, as in the United States at large; but in all important particulars, the proportion of the industry carried on in that state in 1900 was greater than in 1890. The state in 1900 made 26.1 per cent in value of all the goods made in the woolen mills of the United States, compared with 26.8 per cent in 1890. In capital invested in woolen mills the state in 1900 had 26.7 per cent of that in the United States, compared with 26.7 per cent in 1890; and in number of wage-earners, 25.7 per cent in 1900, compared with 25 per cent in 1890. The quantity of worsted goods made in woolen mills has increased since 1890. Massachusetts woolen mills in 1900 manufactured 824,613 square yards of worsted coatings, or 22.8 per cent of the quantity made in these mills in the United States, compared with 20.3 per cent in 1890. Of worsted dress goods, 1,086,359 square yards were made in 1900, or 33.6 per cent of the quantity manufactured in the United States, while at the census of 1890 none of this variety of goods was returned as made in the woolen mills of Massachusetts.

The first attempt at woolen goods manufacture was at Rowley, in Essex county, in 1643. Various other mills followed, notably at Watertown, in 1662; at Dedham, in 1681; at Pittsfield, in 1767; at Stockbridge, in 1788; and at Newbury, in 1794. This last was the first incorporated woolen mill built in Massachusetts. The wool-card machinery devised by Amos Whittemore as early as 1797 transformed the woolen industry. The inventions of John Goulding and others also revolutionized methods in the carding department. The first cloth mill of considerable size in the United States was erected at Pittsfield, in 1812, by L. Pomeroy.¹ In February, 1812, in view of the approaching state of war, the legislature sent a resolution to the Senate of the United States, expressing its confidence in the ability of the citizens of Massachusetts to supply by contract all the blankets and clothing that might be needed in any contingency, and representing that these could be furnished "mostly if not altogether" from factories within the state.² Spinning jennies operated by hand are said to have been in operation at Pittsfield in 1806, and by waterpower at Uxbridge in 1814 or 1815. An early form of power loom for broadcloth, built at Williamsburg, Mass., went into operation at Pittsfield about 1826.³ "Not a yard of fancy wool fabrics," says Samuel Lawrence, "had ever been woven by the power loom in any country, till done by William Crompton, at the Middlesex Mills, Lowell, in 1840."⁴

¹ Statistics of Manufactures, Massachusetts, 1898, pages 224 and 225.

² Legislative Resolves, State of Massachusetts, 1810-1812, page 333.

³ Bulletin of National Association of Wool Manufacturers, 1901, pages 256 and 278.

There were 37 establishments engaged in the dyeing and finishing of textiles in 1900, with 4,678 wage-earners, and the work done was valued at \$8,868,290. In 1890 there were 33 establishments and 4,270 wage-earners, and the work done was valued at \$6,496,215. During the decade the increase in value of work done was \$2,372,075, or 36.5 per cent.

There were 8 establishments engaged in the manufacture of carpets and rugs, other than rag, in 1900, with 4,480 wage-earners, and products valued at \$6,966,237. In 1890 there were 7 establishments, 5,109 wage-earners, and products valued at \$7,275,009. The decrease in the value of products during the decade was \$308,772, or 4.2 per cent.

Erastus B. Bigelow, of Massachusetts, early devised a power loom for weaving knotted counterpanes, and another for making coach lace. Later he made a written contract to furnish a company at Lowell with power looms for ingrain carpeting, before he had even made a model or a drawing of the machine. Afterwards Mr. Bigelow introduced the Brussels carpet loom. Carpet weaving in a small way was begun at Worcester in 1804; and the Lowell Manufacturing Company was incorporated in 1828, running about seventy carpet looms in addition to its cotton looms. Later, this company, under the Bigelow patents, was the first to manufacture carpeting successfully by power looms. In 1848 Mr. Bigelow and others organized the Bigelow Carpet Company at Clinton, making 5-frame Brussels, Wilton, and tapestry carpets.⁵

There were 54 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 6,667 wage-earners, and products valued at \$6,620,257. In 1890 there were 74 establishments, 4,562 wage-earners, and products valued at \$5,082,087. The increase in the value of products during the decade was \$1,538,170, or 30.3 per cent. The only stocking factory in the United States in 1831 was that of the Newburyport Hose Manufacturing Company, although early patents to Massachusetts citizens for stocking looms and knitting machines are recorded. In 1837 William and Nathan Appleton, Benjamin R. Nichols, and associates began the manufacture of knit hose and shirts at Lowell.⁶

There were 20 establishments engaged in the manufacture of silk and silk goods in 1900, with 3,110 wage-earners, and products valued at \$5,957,532. In 1890 there were 20 establishments, 2,993 wage-earners, and products valued at \$5,557,569. The increase in the value of products during the decade was \$399,963, or 7.2 per cent. Jonathan H. Cobb, of Dedham, was a pioneer in the silk industry of the United States. In 1790 sewing silk was made in Worcester county and elsewhere in the state, and the manufacture of lace of various grades, especially coach lace, was thriving at Ipswich, in Essex county, and at other places.⁷

There were 7 establishments engaged in the manufacture

⁴ Bulletin of National Association of Wool Manufacturers, 1901, pages 278 and 279.

⁵ Statistics of Manufactures, Massachusetts, 1898, page 227.

⁶ Ibid., page 225.

⁷ Ibid., page 227.

of felt goods in 1900, with 464 wage-earners, and products valued at \$1,526,880. In 1890 there were 7 establishments, 326 wage-earners, and products valued at \$918,890. The increase in the value of products during the decade was \$607,940, or 66.2 per cent.

There were 4 establishments engaged in the manufacture of wool hats in 1900, with 541 wage-earners, and products valued at \$1,108,003. In 1890 there were 7 establishments, 1,017 wage-earners, and products valued at \$1,700,486. The decrease in the value of products during the decade was \$597,483, or 35.1 per cent.

There were 29 establishments engaged in the manufacture of shoddy in 1900, with 307 wage-earners, and products valued at \$988,189. In 1890 there were 29 establishments, 406 wage-earners, and products valued at \$1,614,459. The decrease in the value of products during the decade was \$626,270, or 38.8 per cent.

The factory manufacture of boots and shoes ranks second among the industries of the state, with 640 establishments, 58,645 wage-earners, and products valued at \$117,115,243. In 1890 there were 1,057 establishments, 67,374 wage-earners, and products valued at \$116,387,900. The increase in the value of products during the decade was \$727,343, or six-tenths of 1 per cent. Allied to the factory manufacture of boots and shoes is the manufacture of boot and shoe cut stock, with 270 establishments, 4,390 wage-earners, and products valued at \$18,238,922. In 1890 there were 288 establishments, 4,208 wage-earners, and products valued at \$15,923,650. The increase in the value of products during the decade was \$2,315,272, or 14.5 per cent.

Massachusetts ranked first in the United States in 1900 in the factory manufacture of boots and shoes—a rank it has held for many years. In this manufacture, as in that of cotton goods, the state has been unapproached. In 1900 it manufactured 44.9 per cent of the total value of the factory boot and shoe products of the United States, while the state second in rank—New York—turned out 9.8 per cent of these products. The first 3 cities in the United States, ranked by the value of their boot and shoe products, are Brockton, Lynn, and Haverhill, all in Massachusetts, while other Massachusetts cities are well up in the list. Brockton's value of products in 1900 exceeded that of the city fourth in rank—Cincinnati, Ohio—by \$11,055,973, or 125.8 per cent. There were employed in the state in 1900, 41 per cent of the average number of wage-earners in the factory manufacture of boots and shoes in the United States, and their wages amounted to 46.9 per cent of the total wages. Of these wage-earners 66.5 per cent were men; 31.8 per cent women; and only 1.7 per cent children, while the percentages for the whole industry in the United States were 63.8, 33, and 3.2, respectively.

The consumption of shoes has increased largely throughout the United States since the industry was established in Massachusetts. Rival factories have sprung up all over the Union, but Massachusetts continues to be the great center of the industry. From the earliest years Lynn has been a center of the boot and shoe manufacture. The first

shoemakers there were Philip Kertland and Edmund Bridges, who came to the colony in 1635,¹ and the business increased thereafter with the growth of the town in population, and was given great impetus after 1750, when John Adam Dagyr, a Welshman, succeeded in producing shoes at Lynn equal to the best made in England.² Leather heels were introduced in place of wood about 1800, the use of morocco leather having been begun by Ebenezer Breed seventeen years earlier.³ Many of the towns in eastern Middlesex, Essex, and Norfolk counties became more or less interested in shoemaking. It was not uncommon for farmers and others actively engaged in other employment during the summer to devote the winter to shoemaking, and before the introduction of machinery under the modern factory system, hundreds of women were employed in binding shoes at their homes.

The entire shoe was formerly made by one artisan. A small group of men, working together in a little one-story shop connected with or adjacent to the dwelling, was a characteristic sight in many eastern Massachusetts towns in the first half of the century. Piecework was the custom, and it still prevails. In early times workmen were paid 15, 20, 25, or 30 cents per pair, according to the kind of shoe, and even higher prices for extra quality work. The average workman by twelve hours' labor could earn about a dollar. Women closers and binders working by hand could average about twenty cents a day. Men living in towns adjacent to Lynn would walk to their employers' place of business for stock, and in about a week return the finished shoes, frequently receiving their wages in store orders. The wages earned continually fluctuated, being always subject to individual bargains with employers.⁴

In 1818 Joseph Walker, of Massachusetts, invented shoe pegs to be used as a substitute for hand sewing in the boot and shoe industry. In 1851 A. C. Gallahue produced a shoe-pegging machine—afterwards improved by E. Townsend and B. F. Sturtevant, of Boston⁵—and still later nailing and cable-screw machines. Finally the McKay sole-sewing machine, attributed to McKay, but representing, in its perfected form, the combined ideas of several other Massachusetts inventors, was a transforming factor in the boot and shoe industry. This was adopted in 1861. The introduction of machinery was practically complete by 1865. The industry is now conducted in large, well lighted, thoroughly ventilated factories, equipped with a number of ingenious inventions, each shoe being the result of the successive operations of numerous workmen. The cities especially devoted to the industry are Lynn, Brockton, and Haverhill, although there are important establishments elsewhere.

There were 825 establishments engaged in 1900 in the manufacture of foundry and machine shop products, the industry third in rank, with 32,234 wage-earners, and prod-

¹ History of Lynn, by A. Lewis and J. R. Newhall, page 88.

² Ibid., page 90.

³ Ibid., page 91.

⁴ Report of the Massachusetts Bureau of Statistics of Labor, 1885, page 183.

⁵ Progress of the World, by M. R. Gately, page 333.

ucts valued at \$56,290,159. In 1890 there were 711 establishments, 23,379 wage-earners, and products valued at \$38,906,680. The increase in the value of products during the decade was \$17,383,479, or 44.7 per cent.

Certain towns in Bristol and Plymouth counties early became extensively engaged in the manufacture of iron castings, hollow ware, and cooking and heating apparatus. In 1646 the Colony Court granted a monopoly for fourteen years "for the making of engines for mills, to go by water, * * * and for the making of scythes and other edged tools" to Joseph Jenks, an ingenious worker in metals, who is said to have come to Massachusetts with Winthrop.¹ Of Jenks, Lewis, the historian of Lynn, remarks: "Joseph Jenks deserves to be held in perpetual remembrance in American history as being the first founder who worked in brass and iron on the Western Continent."² Wiredrawing and the manufacture of wool cards were industries to which the Massachusetts colonists gave early attention. Hugh Orr is said to have made, in 1748, the first musket ever made in America,³ and his son established the manufacturing of plate shovels, afterwards a distinctive Massachusetts industry. Nail making in Plymouth county was an important branch of the metal industry before the close of the Eighteenth century. Jacob Perkins, of Newburyport, invented a nail-making machine which he patented in 1795. In Worcester county the development of the manufacture of hardware, tools, machinery, etc., began at an early date, and culminated in the extensive metal industries of the modern city of Worcester. The extension of the textile, boot and shoe, and other important industries, under the era of machinery, has stimulated the expansion of skilled metal working, including the production of artisans' tools, and of machinery of all kinds.

There were 22 establishments engaged in the slaughtering industry in 1900, with 2,748 wage-earners, and products valued at \$31,633,483. In 1890 there were 24 establishments, 1,779 wage-earners, and products valued at \$20,221,645. The increase in the value of products during the decade was \$11,411,838, or 56.4 per cent.

There were 981 establishments engaged in printing and publishing in 1900, with 10,859 wage-earners, and products valued at \$28,964,680. In 1890 there were 813 establishments, 8,482 wage-earners, and products valued at \$18,918,942. The increase in the value of products during the decade was \$10,045,738, or 53.1 per cent.

The first printing done in the American colonies was at Cambridge by one Daye, who in January, 1639, printed the Freeman's Oath. The press used was brought from England in 1638 by Rev. Mr. Glover. Daye issued in 1640 the Bay Psalm Book, the first book published in the colonies. In 1649 he was succeeded by Samuel Green, and a new press was sent from England in 1655 for the printing of Eliot's Indian Bible. It was in Cambridge and

Boston that all the printing in the colonies was done for nearly forty years. In 1672 the first copyright was granted to John Ussher, of Boston, for a revised edition of the laws of the colony. Previous to 1664 the General Court had restricted the privilege of printing to Cambridge; but in 1674, this restriction having been removed, John Foster established the first press set up in Boston. In 1681 he was succeeded by a Mr. Sewall, and on September 25, 1690, Richard Pierce published the first newspaper in America, which was, however, suppressed by the General Court. In April, 1704, appeared the Boston News-Letter, published by John Campbell, and this was the first successful newspaper in America. It was followed, December 21, 1719, by the Boston Gazette.⁴ Much fine work is done in printing and publishing throughout Massachusetts, and many notable books and magazines are the products of the various presses of the state. The increase in the value of products during the decade is a notable one.

There were 119 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 7,010 wage-earners, and products valued at \$26,067,714. In 1890 there were 194 establishments, 7,725 wage-earners, and products valued at \$27,771,815. The decrease in the value of products during the decade was \$1,704,101, or 6.1 per cent—due to the transfer of the production of certain kinds of leather to the West, where tan bark is abundant.

There were 93 establishments engaged in the manufacture of paper and wood pulp in 1900, with 9,061 wage-earners, and products valued at \$22,141,461. In 1890 there were 85 establishments, 7,817 wage-earners, and products valued at \$21,524,173. The increase in the value of products during the decade was \$617,288, or 2.9 per cent.

Massachusetts has long been first in the manufacture of fine writing papers. In 1900 the value of such product was \$11,298,628, or 71.1 per cent of that produced in all the mills of the United States. In book paper it was also first, with a value of \$5,501,788, or 22.1 per cent of the total for the United States. Much of the history of paper making in the United States is the history of the industry in Massachusetts. Although the state can not claim that the first paper mill in the United States was established within its borders, the manufacture of paper began there very early. On September 13, 1728, the General Court passed a grant for the encouragement of a paper mill established on the Neponset River at Milton, 7 miles from Boston. Benjamin Faneuil, the father of Peter, of Faneuil Hall fame, was interested in it. The grant gave the company the sole right to manufacture paper in the province for ten years, but the production of certain quantities and kinds of paper was required. Paper was then made by hand, and the people were, by advertisement, requested to save their rags. This establishment had to be closed a number of years because of a lack of good workmen, but in 1760 the mill was again started, the new proprietor hav-

¹ Massachusetts Bay Records, Vol. II, page 149; Vol. III, page 65.

² History of Lynn, page 208.

³ History of American Manufactures, by J. L. Bishop, Vol. I, page 487.

⁴ Eighth Census of the United States, Manufactures, Introduction, pages cxxxiv and cxxxv.

ing secured the services of a British soldier named Hazleton, who was a practical paper maker. Before 1776 there were 4 mills at Milton, out of 7 accounted for in all New England.

The Fourdrinier machine, an English improvement of a French inventor's idea, did not come into existence until 1804, and was not used in the United States until about 1825, when a machine imported from England was placed in a mill at Springfield. Four years later there were 6 of these machines in the state, and in 1850 automatic machinery was used in all but 2 paper mills of the United States. In 1840 Massachusetts had the largest production of any state, the value being \$1,659,930. In 1845 it was \$1,750,273 and in 1855, \$4,141,847.¹ In the latter year there were 20 mills in the single town of Lee.

In 1802 the first paper mill in Berkshire county, the "Old Berkshire," went into operation at Dalton, which is now one of the great fine-paper making centers of the United States. It was built by Wiswell, Crane, and Willard, and among the present-day owners of the new mill, built in 1872 on the site of the old one, are the grandsons of Zenas Crane. Zenas Crane sold his interest in the "Old Berkshire Mill," and in 1810 bought in the "Old Red Mill." This was burned in 1879, but rebuilt of stone and named the "Pioneer Mill." It is still in the possession and active management of the Crane family. The "Government Mill," at Pittsfield, near the Dalton line, is devoted wholly to the manufacture of paper needed by the United States Government for national bank bills, United States bonds, certificates, and treasury notes. Still another mill in this section makes ladies' fine stationery. Others produce writing paper of the first quality, and one of them makes parchment and bond paper for general use. The introduction of silk threads into the fiber of bank-bill paper, to prevent counterfeiting, was the ingenious invention of Zenas Marshall Crane in 1849.²

The first mill in South Lee, where at one time more paper was made than in any other town in the United States, was established in 1806 by Samuel Church. About the same time a mill was erected on the north side of the Chicopee River. This, about 1825, became the property of David Ames, who introduced improved machinery, and became the largest manufacturer of paper in the United States.³ The first paper made in the United States of wood pulp is said to have been manufactured by Elzur Smith, of Lee, subsequent to 1854.⁴

Four-fifths of all the loft-dried paper manufactured in the United States from 1860 to 1897 was made within 15 miles of Springfield, in which city a mill was operated by David Ames in 1800, on the foundation of one owned by Samuel Babcock in 1786. To David Ames' son, John, the trade is indebted for a cylinder machine, for which he secured a patent May 14, 1822. Although superseded in

the United States by the use of the Fourdrinier machine, it marked a great advance in paper making. John Ames also invented other paper machinery, and originated the idea of running a continuous sheet through the size, instead of dipping each sheet. These inventions were put into practical operation in the mill at Chicopee Falls. It is claimed that in 1828 the Ames mills produced one-half of the paper consumed in the United States.⁵ The first white paper made, to any extent, from straw in the United States was produced in the Ames factory at Springfield, about 1849.⁶

The modern paper mills, with their heavy machinery, were found to require more power than the smaller streams possessed, and this led to their establishment on the Connecticut River at and near Holyoke, where there is a fall of about seventy feet in a distance of less than two miles. The first canal in the United States was built here in 1790 on the South Hadley side, where, in 1830, a paper mill was established. The second mill was founded at Holyoke in 1853. This was the beginning of the large mills. Establishment followed establishment, until now, grouped around one of the best waterpowers in the United States, are over a score of factories, making hundreds of tons of high-grade paper daily.⁷ The use of wood pulp in paper making has extensively superseded other materials, except in special grades. The process of mechanical grinding, upon which the pulp industry was founded, was introduced in the United States at Stockbridge, Mass., in 1867.

There were 7 establishments engaged in the refining of sugar and molasses in 1900, with 592 wage-earners, and products valued at \$19,626,882. In 1890 there were 4 establishments, 204 wage-earners, and products valued at \$16,875,538. The increase in the value of products during the decade was \$2,751,344, or 16.3 per cent.

There were 313 establishments engaged in the factory manufacture of clothing in 1900, with 6,776 wage-earners, and products valued at \$15,032,604. In 1890 there were 265 establishments, 8,608 wage-earners, and products valued at \$23,106,164. The decrease in the value of products during the decade was \$8,073,560, or 34.9 per cent.

There were 70 establishments engaged in the manufacture of rubber and elastic goods in 1900, with 5,944 wage-earners, and products valued at \$13,885,059. In 1890 there were 50 establishments, 3,472 wage-earners, and products valued at \$8,518,612. The increase in the value of products during the decade was \$5,366,447, or 63 per cent. Allied to this industry is the manufacture of rubber boots and shoes, with 6 establishments, 5,250 wage-earners, and products valued at \$16,490,015. In 1890 there were 5 establishments, 4,932 wage-earners, and products valued at \$9,792,024. The increase in the value of products during the decade was \$6,697,991, or 68.4 per cent.

Massachusetts ranked first in 1900 in the manufacture of

¹Eighth Census of the United States, Manufactures, Introduction, pages cxxvi and cxxvii.

²The New England States, Vol. I, page 318 ff.

³Eighth Census of the United States, Manufactures, Introduction, page cxxv.

⁴The New England States, Vol. I, page 314.

⁵The New England States, Vol. I, page 308 ff.

⁶Eighth Census of the United States, Manufactures, Introduction, page cxxviii.

⁷The New England States, Vol. I, pages 312 and 313.

rubber boots and shoes. In 1890 it was also first; and the manufacture of rubber boots and shoes in the other states was then included under "all other states" to avoid disclosing the operations of individual establishments, the establishments in each numbering less than 3. The state's supremacy in the manufacture of rubber and elastic goods is also unquestioned. In 1900, as in 1890, it ranked first. In both industries in 1900 the percentage of increase was marked, showing not only an increased consumption of rubber boots and shoes, but a remarkable increase in the variety of uses to which rubber and elastic goods are put, thus verifying Mr. Goodyear's most sanguine predictions.

The manufacture of india-rubber goods was first undertaken in the United States at Roxbury, Mass., in 1833, by John Haskins, Edwin M. Chaffee, and Luke Baldwin. They had learned the art of dissolving rubber gum and soon afterward sold their interests to the Roxbury India Rubber Company. Among the products of this company was india-rubber cloth for carriage tops and these attracted the attention of Nathaniel Hayward, the proprietor of a Boston livery stable. The rubber not being thoroughly vulcanized became sticky in hot and extremely rigid in cold weather, and investors in the manufacture suffered financial losses. Mr. Hayward at once abandoned his livery business and began experimenting with processes for making this rubber wholly merchantable. In 1836, at Woburn, he found that when the rubber goods he was making were exposed to the fumes of sulphur, they not only became bleached, which was his desire, but were so hardened that they could not be made soft with moderate warmth. This was the real foundation of the Goodyear patent for vulcanization. Had Mr. Hayward subjected his rubber, mixed with sulphur, to intense heat, he would have found the whole secret, but as it was he only rubbed powdered sulphur on the exterior of the goods, so that the vulcanization was not complete. In 1837 the industry was prostrate again. In 1838 Charles Goodyear met Mr. Hayward, and both inventors experimented further, without success until Goodyear, accidentally dropping a bit of the rubber on a hot stove, found that it charred and became absolutely vulcanized. A patent was granted to him in 1844, and this was the foundation of the rubber goods industry. But Mr. Hayward claimed priority of invention in the rubber shoe industry as it is now known. The names of other Massachusetts inventors are closely associated with the rubber goods industry, among them that of Edwin M. Chaffee, of Roxbury, who, in 1835, invented the "Monster" calender, which was later bought by Goodyear for old iron. For many years after that, however, it saw useful service. This was the first rubber machinery of importance made in the United States, an improvement on the English calender, and the forerunner of the calenders used in every rubber factory to-day.¹

There were 8 establishments engaged in the manufacture of iron and steel in 1900, with 6,125 wage-earners, and products valued at \$13,491,159. In 1890 there were 15

establishments, 5,210 wage-earners, and products valued at \$11,201,149. The increase in the value of products during the decade was \$2,290,010, or 20.4 per cent.

In colonial days the manufacture of iron received much attention, being stimulated by the existence of native ore beds. The General Court from time to time, in the early years, extended its encouragement by way of special grants and exclusive privileges, toward the establishment of effective operations of iron works in eastern Massachusetts, notably in the vicinity of Lynn, and later the first forge in America was set up at Raynham by James and Henry Leonard, who "were the first adventurers from England to this country who were skilled in the forge-iron manufacture."² The first rolling and slitting mill in New England was erected at Middleboro. There were extensive iron deposits in the western part of the state, and operations upon these were begun at an early date. Iron works in Berkshire county, in the vicinity of Pittsfield, were long engaged in the production of a superior brand of forge iron. But the manufacture of iron from such natural deposits of ore as were found in the state eventually proved impracticable.

There were 696 establishments engaged in the manufacture of lumber in 1900, with 5,202 wage-earners, and products valued at \$12,818,511. In 1890 there were 652 establishments, 6,519 wage-earners, and products valued at \$13,323,708. The decrease in the value of products during the decade was \$505,197, or 3.8 per cent—due to the decline in the branch of the industry which comprises planing mill products, including sash, doors, and blinds.

There were 40 establishments engaged in the manufacture of malt liquors in 1900, with 1,651 wage-earners, and products valued at \$11,255,613. In 1890 there were 26 establishments, 818 wage-earners, and products valued at \$5,355,438. The increase in the value of products during the decade was \$5,900,175, or 110.2 per cent.

There were 120 establishments engaged in the factory manufacture of furniture in 1900, with 6,092 wage-earners, and products valued at \$11,244,503. In 1890 there were 136 establishments, 3,410 wage-earners, and products valued at \$6,166,522. The increase in the value of products during the decade was \$5,077,981, or 82.3 per cent.

There were 54 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 5,202 wage-earners, and products valued at \$10,490,361. In 1890 there were 26 establishments, 2,581 wage-earners, and products valued at \$5,762,599. The increase in the value of products during the decade was \$4,727,762, or 82 per cent.

There were 138 establishments engaged in the manufacture of jewelry in 1900, with 5,696 wage-earners, and products valued at \$10,315,334. In 1890 there were 106 establishments, 3,503 wage-earners, and products valued at \$5,507,415. The increase in the value of products during the decade was \$4,807,919, or 87.3 per cent.

Massachusetts ranked third in 1900 among the United

¹ The New England States, Vol. I, page 339 ff.

² Description of Raynham, 1793, by Rev. Dr. Fobes.

States in the manufacture of jewelry, being preceded by Rhode Island and New York; it missed second place in value of products by only a few thousand dollars. Attleboro and North Attleboro have long been centers of this manufacture. Most of the imitation jewelry of the United States is now produced in these places, and in Providence, R. I. The industry at Attleboro began about 1805. The products of the early establishments were chiefly silver spoons, gold beads, and finger rings; afterwards some of them branched out into the manufacture of cheap gold jewelry, silver and other alloys being largely used, with a fraction of gold, while large articles were plated by the hammering process. The industry is based upon a discovery by Nehemiah Dodge, of Providence, R. I., who was the first manufacturer of rolled-plate jewelry, and began business in 1794. His plan was to place a sheet of gold on a copper base, hammer it down on an anvil, and draw it out still thinner with hand rolls. This knowledge soon became public property, and the manufacture spread rapidly to Attleboro, in Massachusetts, only a few miles across the state line. During the years since Mr. Dodge's discovery, numerous new ideas have been grafted on the original stock. Thomas H. Lowe came from Birmingham, England, in 1846, and introduced the manufacture of rolled-plate jewelry by sweating the thin plate of gold on the substratum of base metal, before it was rolled out. This was simpler, better, and more economical, and still further cheapened the price to consumers. The invention by Levi Burdon of the use of seamless wire also changed styles and elevated qualities. By this process, wire, drawn to any degree of fineness desired, is covered with gold. There is no seam to open up and disclose the true character of the material. Metal ornaments and jewelers' findings have also grown into a large industry, and it is said that a single manufacturer can show a thousand different samples.¹

There were 19 establishments engaged in the manufacture of cordage and twine in 1900, with 3,303 wage-earners, and products valued at \$9,635,571. In 1890 there were 32 establishments, 3,351 wage-earners, and products

valued at \$10,510,530. The decrease in the value of products during the decade was \$874,959, or 8.3 per cent.

There were 249 establishments engaged in the manufacture of confectionery in 1900, with 2,942 wage-earners, and products valued at \$7,014,532. In 1890 there were 218 establishments, 1,994 wage-earners, and products valued at \$5,291,844. The increase in the value of products during the decade was \$1,722,688, or 32.6 per cent.

There were 388 establishments engaged in the manufacture of carriages and wagons in 1900, with 3,164 wage-earners, and products valued at \$6,118,121. In 1890 there were 430 establishments, 4,131 wage-earners, and products valued at \$7,607,869. The decrease in the value of products during the decade was \$1,489,748, or 19.6 per cent.

In addition to the industries shown in Table 3, there are other industries of importance in the state, some of which can not be shown separately because the establishments number less than 3 and the publication of the figures would disclose the operations of individual establishments. One of these is the manufacture of watches by machinery, which was first suggested in 1850, by A. L. Dennison and Edward Howard, of Boston, whose factory erected in that year was the precursor of the extensive establishment at Waltham, one of the leading enterprises of the state.² The effect upon watch making of this successful application of the principles of machine construction, in improving the products, lessening their cost, and extending their use, is well known.

The manufacture of palm-leaf straw hats in the United States was begun in Massachusetts in 1826, and the straw-goods industry in certain towns of Franklin and Worcester counties originated in this way.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Boston, Brockton, Cambridge, Chelsea, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, Salem, Somerville, Springfield, Taunton, and Worcester, as returned at the censuses of 1890 and 1900, with the percentages of increase.

¹ The New England States, Vol. IV, page 2511 ff.

² Progress of the World, page 333.

TABLE 4.—COMPARATIVE SUMMARY, BOSTON, BROCKTON, CAMBRIDGE, CHELSEA, FALL RIVER, FITCHBURG, GLOUCESTER, HAVERHILL, HOLYOKE, LAWRENCE, LOWELL, LYNN, MALDEN, NEW BEDFORD, NEWTON, SALEM, SOMERVILLE, SPRINGFIELD, TAUNTON, AND WORCESTER, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State.....	1900	20,180	\$823,264,287	497,448	\$228,240,442	\$73,209,015	\$552,717,955	\$1,035,198,989
	1890	26,923	630,082,841	447,270	205,841,337	63,088,782	473,199,434	888,160,403
Per cent of increase.....		8.4	30.7	11.2	10.9	16.1	16.8	16.6
Boston.....	1900	7,247	148,811,376	72,142	39,184,191	23,652,792	99,557,019	206,081,767
	1890	7,942	118,198,639	78,476	43,908,437	21,543,956	105,602,869	210,936,616
Per cent of increase.....		18.8	21.2	8.1	10.8	9.8	6.7	12.3
Brockton.....	1900	428	10,193,688	10,986	6,166,462	1,189,168	15,980,658	26,384,831
	1890	587	7,772,452	10,817	5,746,324	1,136,445	11,211,411	21,070,099
Per cent of increase.....		120.3	31.2	6.5	7.3	4.6	42.5	25.2
Cambridge.....	1900	782	26,662,751	12,986	6,785,070	2,220,106	23,986,688	39,164,013
	1890	1,232	20,831,585	12,581	6,497,963	2,370,252	20,268,534	35,975,089
Per cent of increase.....		136.5	31.1	3.2	4.4	6.0	18.3	8.9
Chelsea.....	1900	308	8,211,682	3,932	1,625,875	678,248	5,764,409	10,333,549
	1890	347	7,028,856	2,977	1,384,945	547,110	4,681,291	8,158,297
Per cent of increase.....		111.2	16.8	11.9	17.4	19.4	24.0	26.7
Fall River.....	1900	785	58,549,934	32,780	11,739,129	3,240,083	19,789,859	43,071,580
	1890	397	37,199,470	22,987	8,213,045	2,003,945	17,685,071	32,519,281
Per cent of increase.....		97.7	57.4	42.6	42.9	57.4	11.9	32.4
Fitchburg.....	1900	308	13,033,898	6,796	3,113,078	749,165	8,062,718	14,253,522
	1890	323	7,563,522	5,079	2,396,811	746,602	6,414,105	11,225,036
Per cent of increase.....		14.6	72.3	33.8	29.9	0.3	25.7	27.0
Gloucester.....	1900	392	4,687,559	3,379	1,428,896	849,899	4,862,660	7,813,783
	1890	206	2,763,284	1,563	751,581	160,668	3,220,901	4,851,405
Per cent of increase.....		90.3	69.6	116.2	90.1	123.3	51.0	61.7
Haverhill.....	1900	685	6,801,565	10,600	5,035,882	1,836,232	15,028,972	24,937,078
	1890	734	8,084,272	14,138	6,097,574	1,777,142	13,635,969	23,394,530
Per cent of increase.....		16.7	15.9	125.0	17.4	124.8	14.6	11.8
Holyoke.....	1900	433	26,760,031	13,454	5,730,998	1,976,024	13,673,969	26,283,964
	1890	493	24,411,939	12,805	5,324,935	1,683,226	13,574,788	26,060,315
Per cent of increase.....		112.2	9.6	9.3	7.6	17.4	0.7	0.9
Lawrence.....	1900	546	49,914,035	22,353	8,972,310	2,210,145	26,175,644	44,703,278
	1890	583	29,626,806	15,568	6,092,051	1,968,366	15,145,851	26,550,725
Per cent of increase.....		16.3	68.5	43.6	47.3	12.9	72.8	68.4
Lowell.....	1900	981	46,578,193	31,377	11,821,633	4,689,877	21,727,844	44,774,525
	1890	858	41,911,708	27,778	10,044,403	4,150,844	22,990,138	42,450,509
Per cent of increase.....		15.0	11.1	13.0	17.7	11.8	15.5	5.5
Lynn.....	1900	776	17,011,761	17,492	8,576,042	2,270,595	25,456,798	41,633,845
	1890	1,369	17,919,025	20,818	11,033,166	2,045,531	28,639,987	44,223,845
Per cent of increase.....		143.3	5.1	13.9	12.3	11.0	10.5	15.9
Malden.....	1900	242	5,906,279	3,082	1,520,658	790,518	4,607,400	7,959,292
	1890	295	7,600,124	4,418	2,115,420	498,174	5,901,817	9,592,501
Per cent of increase.....		118.0	122.3	130.2	128.1	53.7	121.9	17.6
New Bedford.....	1900	618	29,073,410	16,409	6,730,793	1,703,408	12,727,776	25,681,671
	1890	413	20,132,633	10,812	4,378,105	980,906	8,531,373	17,025,779
Per cent of increase.....		49.6	44.4	51.8	53.7	73.8	48.8	50.8
Newton.....	1900	297	5,105,196	3,034	1,581,887	388,922	3,065,921	6,322,232
	1890	193	4,393,807	2,390	1,163,910	243,063	2,175,249	4,335,764
Per cent of increase.....		53.9	16.2	29.5	35.3	59.6	40.9	45.8
Salem.....	1900	446	7,450,935	6,424	2,842,878	464,618	7,159,937	12,257,449
	1890	513	6,250,164	5,127	1,978,966	424,772	4,738,643	8,522,751
Per cent of increase.....		113.1	19.2	25.3	44.0	9.4	51.1	43.8
Somerville.....	1900	378	10,131,596	4,342	2,199,491	706,415	17,346,772	21,776,511
	1890	404	8,883,859	2,789	1,357,037	439,673	4,420,128	7,307,522
Per cent of increase.....		16.4	160.9	55.7	62.1	60.7	292.4	198.0
Springfield.....	1900	817	17,105,947	10,128	5,176,299	2,067,702	9,194,841	21,207,039
	1890	692	13,199,283	9,159	4,843,636	875,834	7,817,534	17,040,692
Per cent of increase.....		18.1	29.6	10.5	6.9	136.2	17.6	24.4
Taunton.....	1900	284	11,737,399	7,102	3,331,630	908,180	5,993,237	12,594,814
	1890	316	7,891,382	6,148	2,837,194	707,629	4,799,287	9,836,829
Per cent of increase.....		110.1	48.7	15.5	17.4	28.3	24.9	26.7
Worcester.....	1900	1,071	42,966,743	25,593	12,894,784	4,258,926	26,666,176	53,343,788
	1890	996	25,230,620	20,244	10,120,414	1,827,315	21,208,904	39,533,869
Per cent of increase.....		7.5	70.3	26.4	27.4	133.0	25.7	34.9
Total for 20 cities.....	1900	17,824	541,193,978	813,851	146,457,836	55,818,963	367,429,288	690,613,521
	1890	18,838	411,392,880	285,174	136,285,925	46,177,453	317,119,850	602,711,364
Per cent of increase.....		15.4	31.6	10.1	7.5	20.9	15.9	14.6
Per cent of 20 cities to total for state.....	1900	61.1	65.7	63.1	64.2	76.2	66.5	66.7
	1890	70.0	65.3	63.8	66.2	73.2	67.0	67.9

1 Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 20 cities. The average number of wage-earners increased from 285,174 to 313,851, or 10.1 per cent, and the value of products from \$602,711,364 to \$690,618,521, or 14.6 per cent; but the number of establishments decreased from 18,838 to 17,824, or 5.4 per cent. The percentages of increase in the average number of wage-earners and in the value of products were smaller in these 20 cities than in the state as a whole. The city of Somerville shows the most rapid growth, the value of products having increased from \$7,307,522 to \$21,776,511, or 198 per cent. In Boston, the leading city, the number of establishments decreased from 7,942 to 7,247, or 8.8 per cent; the average number of wage-earners from 78,476 to 72,142, or 8.1 per cent; and the value of products from \$210,936,616 to \$206,081,767, or 2.3 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 24.8, 14.5, and 19.9 per cent, respectively, of the totals for the state. The decrease in the value of products was due chiefly to the lessened production of men's clothing, factory product, cordage and twine, and furniture, factory product, industries which, under recent conditions, have been concentrated in other localities. In general, excepting these industries, the manufactures of the city increased.

Certain cities in this principal group are largely devoted to particular industries. Fall River, which shows an increase of 32.4 per cent in the value of products; Lawrence, with an increase of 68.4 per cent; Lowell, with an increase of 5.5 per cent; and New Bedford, with an increase of 50.8 per cent, are all textile cities, the differences in their percentages of gain being due in part to the different kinds of goods manufactured. Brockton, with an increase of 25.2 per cent in the value of products, is mainly devoted to the manufacture of boots and shoes. Lynn and Haverhill also are largely engaged in this industry, and each shows a small percentage of decrease in the value of prod-

ucts, which is probably due in part to a decline in the prices of the kinds of shoes made in these 2 cities. Seasonal disturbances, which have a great temporary influence upon this industry, no doubt account in part for the decrease shown. The city of Holyoke, having extensive manufactures of paper and of textiles, shows only a slight increase in the value of products—less than 1 per cent. Worcester, the second city in the state in population, with diversified industries, among which the manufacture of foundry and machine shop products is conspicuous, shows an increase of 34.9 per cent. Cambridge, a city largely residential, but which contains noted establishments devoted to printing and publishing, reported products valued at \$39,164,013, an increase of 8.9 per cent. Chelsea, with an increase of 26.7 per cent in the value of products; Malden, which shows a decrease of 17 per cent; Newton, with an increase of 45.8 per cent; and Somerville, with an increase of 198 per cent, are all cities near Boston, chiefly residential, and sharing, as to growth in population, in the expansion of the metropolis. Nevertheless, as may be seen, the manufacturing interests of these cities are considerable. Salem, one of the oldest cities in the state, and formerly of much commercial importance, reported products valued at \$12,257,449, an increase of 43.8 per cent. Gloucester, the principal seat of the considerable fishing industry of the state, shows an increase of 61.7 per cent in the value of its manufactured products. Fitchburg, Springfield, and Taunton, which are devoted to metal working, the manufacture of foundry and machine shop products, textiles, and various other industries, show increases of 27, 24.4, and 26.7 per cent, respectively.

Table 5 presents the totals for the manufacturing industries of the 118 cities and towns withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and towns, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state	20,180	\$823,264,287	31,925	497,448	\$228,240,442	\$73,209,015	\$552,717,955	\$1,035,198,939		100.0	2,805,346		100.0
Total for urban manufactures.	26,502	769,628,121	20,082	465,863	214,787,880	70,226,441	516,561,293	970,598,622		98.8	2,417,970		86.2
Abington	67	758,395	77	1,568	718,181	56,423	1,712,764	2,684,644	63	0.3	4,489	95	0.2
Adams	107	6,646,981	114	3,315	1,284,459	251,319	1,839,969	4,189,239	48	0.4	11,134	43	0.4
Amesbury	162	2,949,565	191	2,347	1,027,222	227,659	2,090,449	3,898,251	48	0.4	9,478	49	0.3
Amherst	67	559,085	71	525	253,906	73,716	716,093	1,316,143	90	0.1	5,028	83	0.2
Andover	57	2,096,294	58	1,108	486,212	110,106	1,073,222	1,888,329	76	0.2	6,813	67	0.2
Arlington	90	406,128	97	323	197,099	53,915	268,934	681,010	107	0.1	8,603	52	0.3
Athol	129	1,722,593	142	1,455	608,445	119,906	1,307,815	2,549,704	67	0.2	7,061	64	0.2
Attleboro	179	5,838,100	233	5,106	2,354,880	859,786	1,807,820	9,442,762	19	0.9	11,335	40	0.4
Beverly	227	2,552,055	286	2,810	1,390,060	215,586	2,546,186	4,983,752	38	0.5	13,884	31	0.5
Blackstone	23	5,023,339	16	1,742	776,201	86,602	2,850,300	6,593,641	26	0.6	5,721	75	0.2
Boston	7,247	143,811,876	8,009	72,142	39,184,191	23,652,792	99,557,019	206,081,767	1	19.9	569,892	1	20.0
Bridgewater	54	860,911	55	838	478,381	43,933	1,300,927	2,075,377	72	0.2	5,806	74	0.2
Brookton	428	10,193,688	494	10,986	6,166,462	1,189,168	15,980,653	26,884,881	8	2.5	40,063	12	1.4
Brookfield	85	393,859	33	455	202,800	33,067	544,591	809,420	104	0.1	3,062	110	0.1
Cambridge	782	26,662,751	884	12,986	6,785,070	2,229,106	23,886,638	39,161,013	7	3.8	91,886	5	3.3
Canton	59	2,214,623	58	749	339,899	83,899	929,509	1,650,829	83	0.2	4,584	93	0.2
Chelsea	308	8,211,682	328	3,332	1,025,875	678,218	5,761,409	10,833,549	18	1.0	31,072	15	1.2
Chicopee	122	6,595,802	129	4,331	1,668,362	433,337	5,666,713	8,704,907	20	0.8	19,107	26	0.7
Clinton	104	7,098,744	111	4,021	1,600,948	222,973	2,913,952	5,446,763	32	0.5	13,607	32	0.5
Dalton	33	1,724,823	36	848	351,101	143,454	726,946	1,619,191	84	0.2	3,014	111	0.1
Danvers	90	1,398,834	109	974	489,432	89,659	1,756,846	2,654,936	65	0.3	8,542	53	0.3
Dedham	96	777,098	96	678	305,821	43,846	687,550	1,290,125	93	0.1	7,457	60	0.3
Dudley	18	1,978,291	14	1,195	437,177	108,027	1,018,132	1,631,978	82	0.2	3,553	104	0.1
Easthampton	63	2,300,366	62	1,714	658,933	113,403	1,452,605	2,669,753	64	0.3	5,603	76	0.2
Easton	46	1,244,981	60	706	310,994	23,910	803,925	1,528,407	80	0.1	4,837	89	0.2
Everett	168	6,107,735	161	2,141	1,068,987	702,785	2,725,197	5,038,120	84	0.5	24,336	21	0.9
Fairhaven	47	329,491	49	313	170,096	22,757	126,508	408,099	114	(1)	8,567	103	0.1
Fall River	785	58,549,934	822	32,780	11,789,120	3,240,083	19,789,859	48,071,530	4	4.2	104,863	3	3.7
Fitchburg	308	18,033,898	336	6,796	3,113,078	749,165	8,062,713	14,253,522	14	1.4	31,681	18	1.1
Foxboro	45	808,048	49	491	221,558	37,240	569,607	777,219	105	0.1	3,206	107	0.1
Frammingham	144	3,092,662	159	2,475	1,018,339	187,797	2,010,281	3,714,732	50	0.4	11,802	42	0.4
Franklin	61	1,823,556	49	888	397,846	87,325	1,954,409	1,686,011	80	0.2	5,017	84	0.2
Gardner	118	6,073,152	128	3,083	1,290,492	198,615	2,454,237	4,763,803	39	0.5	10,813	44	0.4
Gloucester	492	4,687,559	469	3,379	1,425,896	849,839	4,862,600	7,833,783	22	0.8	26,121	20	0.9
Grafton	89	1,938,007	50	1,256	466,729	94,403	927,957	1,708,542	79	0.2	4,869	88	0.2
Great Barrington	94	1,436,391	96	1,010	415,547	108,012	832,032	1,671,574	81	0.2	5,854	78	0.2
Greenfield	141	1,725,880	147	1,223	551,550	95,788	884,448	2,008,852	71	0.2	7,927	55	0.3
Groveland	11	1,728,941	11	415	172,808	84,111	534,025	857,736	108	0.1	2,376	112	0.1
Hardwick	16	1,442,618	16	755	289,932	72,439	601,354	1,173,776	95	0.1	3,203	108	0.1
Haverhill	485	6,801,555	538	10,600	5,035,882	1,366,232	15,628,972	24,987,073	11	2.4	37,175	13	1.8
Hinsdale	14	340,045	13	250	88,895	19,602	275,638	494,627	112	(1)	1,485	118	0.1
Holyoke	433	26,760,081	395	13,451	5,780,938	1,976,024	18,073,969	26,283,964	9	2.5	45,712	11	1.6
Hopkinton	4	3,031,796	6	1,464	790,439	128,682	1,214,395	3,319,747	54	0.3	2,087	114	0.1
Hudson	74	1,615,132	76	1,571	769,625	154,641	2,440,180	3,621,187	52	0.3	5,454	79	0.2
Hyde Park	127	3,740,053	119	2,792	1,817,684	157,816	2,747,659	5,007,409	36	0.5	13,244	34	0.5
Ipswich	64	826,410	53	843	382,277	142,446	481,886	1,194,826	94	0.1	4,658	90	0.2
Lawrence	546	49,914,035	581	22,358	8,972,310	2,210,145	20,175,644	44,703,278	4	4.3	62,559	7	2.2
Lee	71	1,299,599	76	620	274,064	71,200	483,569	1,168,328	96	0.1	3,596	101	0.1
Leicester	20	970,246	18	647	266,210	39,781	641,283	1,063,669	99	0.1	3,416	105	0.1
Leominster	167	3,987,611	201	3,623	1,600,186	308,417	2,980,707	5,856,174	29	0.6	12,392	30	0.4
Lowell	981	46,578,193	1,049	31,377	11,821,633	4,639,877	21,727,844	44,774,525	3	4.3	94,969	4	3.4
Lynn	776	17,011,761	953	17,492	8,376,042	2,270,595	25,456,798	41,633,845	6	4.0	68,513	6	2.4
Malden	242	5,906,279	261	8,082	1,520,658	790,518	4,607,400	7,959,292	21	0.8	33,664	16	1.2
Mansfield	52	567,480	59	571	274,840	25,428	485,531	1,035,804	100	0.1	4,006	99	0.1
Marblehead	100	469,559	124	1,032	411,372	35,175	811,180	1,410,406	88	0.1	7,582	58	0.3
Marlboro	142	2,191,800	144	2,780	1,304,301	183,801	3,057,414	4,986,390	37	0.5	13,609	33	0.5
Maynard	48	2,340,615	42	838	345,480	48,560	833,742	1,534,003	85	0.1	3,142	100	0.1
Medford	141	1,328,106	149	968	487,793	117,441	896,460	1,907,624	75	0.2	18,244	28	0.6
Melrose	106	3,298,048	134	1,428	695,422	456,120	2,408,575	3,945,580	47	0.4	12,902	35	0.5
Merrimac	40	252,812	47	262	114,739	16,924	200,791	391,798	115	(1)	2,131	113	0.1
Methuen	74	1,203,412	86	726	302,934	81,315	694,506	1,273,920	92	0.1	7,512	59	0.3
Middleboro	110	1,034,730	131	1,081	510,724	101,421	1,293,425	2,298,946	68	0.2	6,885	66	0.2
Milford	129	1,240,782	161	1,654	773,144	103,886	1,636,733	3,071,493	57	0.3	11,370	39	0.4
Millbury	54	1,047,897	62	694	270,862	43,455	579,605	1,082,294	98	0.1	4,460	96	0.2
Milton	58	291,284	64	885	189,920	33,278	271,787	675,793	108	0.1	6,578	68	0.2
Monson	43	690,481	51	523	234,606	64,438	410,372	876,123	102	0.1	3,402	106	0.1
Montague	60	2,653,595	58	1,208	554,186	113,694	847,319	1,985,698	73	0.2	6,150	71	0.2
Natick	154	1,061,320	173	1,502	726,137	146,368	2,094,150	3,298,777	55	0.3	9,488	48	0.3
New Bedford	618	29,073,410	681	16,409	6,730,408	1,703,408	12,727,776	25,681,671	10	2.6	62,442	8	2.2
Newburyport	195	3,863,199	192	3,076	1,326,719	358,728	3,258,571	5,685,768	30	0.5	14,478	29	0.5
Newton	297	5,105,196	317	3,094	1,581,887	388,922	3,065,921	6,322,232	27	0.6	33,587	17	1.2
North Adams	281	14,563,492	293	6,796	2,949,010	836,345	5,410,262	11,682,663	17	1.1	24,200	22	0.9
Northampton	214	2,728,140	235	2,406	1,140,555	274,017	1,974,433	4,198,486	42	0.4	18,643	27	0.7
North Andover	84	1,225,212	84	878	420,053	70,511	655,002	1,345,539	89	0.1	4,243	97	0.1
North Attleboro	116	2,014,999	145	2,102	1,160,052	137,087	1,609,569	3,990,781	45	0.4	7,268	61	0.3
Northbridge	81	8,826,408	83	2,648	1,130,404	77,821	1,140,798	3,028,661	58	0.3	7,036	65	0.2
North Brookfield	51	952,164	54	1,807	643,835	79,458	2,073,095	3,018,676	59	0.3	4,587	92	0.2
Northwood	53	2,437,949	55	1,511	859,242	208,085	1,823,438	3,348,974	53	0.3	5,480	78	0.2
Orange	31	2,770,120	79	1,315	685,682	132,429	1,217,293	2,602,253	66	0.2	5,820	77	0.2
Palmer	78	3,104,049	78	3,053	1,251,992	143,323	2,575,880	4,488,036	40	0.4	7,801	56	0.3

1 Less than one-tenth of 1 per cent.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Peabody	161	\$1,437,229	185	2,881	\$1,384,126	\$245,513	\$4,583,297	\$7,261,617	23	0.7	11,523	38	0.4
Pittsfield	261	6,084,849	309	3,863	1,627,790	548,483	3,616,575	7,135,770	24	0.7	21,766	25	0.8
Quincy	339	2,208,197	402	2,546	1,378,823	253,763	1,300,260	3,918,932	46	0.4	23,899	23	0.8
Randolph	54	441,070	59	725	359,150	27,307	903,917	1,425,890	87	0.1	3,993	100	0.1
Reading	72	455,247	90	448	188,645	32,950	534,621	944,422	101	0.1	4,969	87	0.2
Revere	82	502,819	89	255	133,129	26,757	170,181	451,215	111	(1)	10,395	45	0.4
Rockland	81	998,824	90	1,071	515,974	112,435	1,963,959	2,288,972	70	0.2	5,327	82	0.2
Rockport	41	737,225	45	506	255,634	84,390	142,397	634,755	109	0.1	4,592	91	0.2
Salem	446	7,450,935	490	6,424	2,842,078	464,018	7,159,987	12,257,449	16	1.2	35,956	14	1.3
Salisbury	11	11,970	11	14	6,988	578	8,248	24,325	118	(1)	1,568	116	0.1
Shelburne	33	132,063	33	90	89,096	7,053	50,112	140,575	117	(1)	1,508	117	0.1
Somerville	378	10,131,596	419	4,342	2,199,491	706,415	17,346,772	21,776,511	12	2.1	61,643	10	2.2
Southbridge	109	4,269,853	112	2,871	1,225,061	222,267	1,947,000	3,854,688	49	0.4	10,025	46	0.4
South Hadley	24	758,186	26	254	109,352	55,564	238,361	522,810	110	0.1	4,526	94	0.2
Spencer	81	1,519,231	83	1,665	613,917	92,632	1,812,515	2,784,991	62	0.3	7,627	57	0.3
Springfield	817	17,105,947	837	10,123	5,176,299	2,067,702	9,194,841	21,207,099	13	2.0	62,059	9	2.2
Stoneham	94	822,071	103	1,200	544,213	75,708	1,894,999	2,856,919	61	0.3	6,197	69	0.2
Stoughton	56	2,123,821	59	1,071	451,274	161,183	1,521,417	2,207,798	69	0.2	5,442	80	0.2
Taunton	284	11,737,399	281	7,102	3,331,680	908,180	5,993,237	12,594,814	15	1.2	31,036	19	1.1
Wakefield	97	3,203,070	101	1,616	784,644	220,168	1,354,253	2,958,656	60	0.3	9,290	50	0.3
Walpole	44	2,010,385	40	684	370,945	173,320	825,216	1,972,398	74	0.2	3,572	102	0.1
Waltham	275	9,152,169	279	5,392	2,630,929	671,780	2,317,792	6,934,381	25	0.7	23,481	24	0.8
Ware	100	3,284,599	104	2,777	979,930	127,775	2,119,178	3,681,069	51	0.4	8,263	54	0.3
Warren	39	1,379,563	34	1,027	426,594	64,434	688,187	1,275,574	91	0.1	4,417	97	0.2
Watertown	105	4,549,242	106	2,304	1,130,099	170,131	8,811,808	6,078,902	28	0.6	9,706	47	0.3
Webster	83	3,733,575	87	2,490	870,244	280,796	2,447,448	4,036,267	44	0.4	8,804	51	0.3
Westboro	57	948,047	59	843	383,586	39,752	1,037,315	1,783,298	77	0.2	5,400	81	0.2
Westfield	186	4,345,372	188	2,641	1,229,643	328,542	2,401,460	5,072,074	33	0.5	12,310	37	0.4
West Springfield	41	934,945	41	626	315,776	59,291	561,675	1,142,105	97	0.1	7,105	63	0.3
Weymouth	130	4,427,328	153	1,993	911,502	298,022	3,246,899	5,583,144	31	0.5	11,324	41	0.4
Whitman	65	2,054,815	72	2,059	1,092,024	140,286	3,160,456	5,009,786	35	0.5	6,155	70	0.2
Wilbraham	15	711,426	13	171	81,100	21,365	558,198	736,173	106	0.1	1,595	115	0.1
Williamstown	38	815,368	41	365	141,864	20,059	182,511	484,871	113	(1)	5,013	85	0.2
Winchendon	53	1,454,853	69	1,238	462,582	45,207	861,523	1,745,925	78	0.2	5,001	86	0.2
Winchester	52	3,724,461	55	1,155	666,064	178,284	1,855,159	3,257,172	56	0.3	7,248	62	0.3
Winthrop	43	106,445	47	118	60,543	12,909	100,643	242,111	116	(1)	6,058	72	0.2
Woburn	123	2,983,705	133	1,596	757,670	183,489	3,064,985	4,450,560	41	0.4	14,254	30	0.5
Worcester	1,071	42,906,743	1,106	25,593	12,894,781	4,258,926	26,666,176	53,348,783	2	5.2	118,421	2	4.2
Total for state exclusive of urban manufactures	2,678	53,636,166	2,893	31,585	13,452,562	2,982,574	36,156,662	64,600,367	-----	6.2	387,376	-----	13.8
Per cent of urban manufactures to total for state	90.8	93.5	90.9	93.7	94.1	95.9	93.5	93.8	-----	-----	86.2	-----	-----

1 Less than one-tenth of 1 per cent.

Of the 29,180 establishments in the state, 26,502, or 90.8 per cent, were located in these 118 cities and towns. They furnished employment to 465,863 wage-earners, or 93.7 per cent of the total for the state; and the value of their products, \$970,598,622, formed 93.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Boston, Brockton, Cambridge, Chelsea, Everett, Fall River, Fitchburg, Gloucester, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Malden, New Bedford, Newton, North Adams, Pittsfield, Quincy, Salem, Somerville, Springfield, Taunton, Waltham, and Worcester by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	The State.....	29,180	\$823,264,287	\$57,284,347	\$116,410,327	\$201,933,253	\$147,636,360	31,925	27,860	\$31,257,630	497,448	\$228,240,442
2	Barnstable	190	507,166	22,141	125,178	140,587	219,260	213	21	16,738	485	180,883
3	Berkshire	1,016	34,690,760	2,445,092	5,145,951	9,085,797	18,013,920	1,108	756	1,119,794	17,938	7,408,978
4	Bristol	2,293	111,277,529	5,652,554	20,286,506	42,052,957	43,285,512	2,507	1,987	2,514,739	66,235	26,512,367
5	Dukes	30	89,923	3,413	12,066	29,030	45,414	31	2	440	75	29,982
6	Essex	4,250	109,985,656	6,619,832	12,445,352	24,313,846	66,606,575	4,929	3,728	3,595,557	79,345	35,501,500
7	Franklin	507	9,871,028	909,521	1,476,636	2,429,982	5,054,889	580	305	403,629	5,161	2,372,076
8	Hampden	1,833	65,099,986	6,039,190	11,031,405	16,557,782	31,471,609	1,826	2,181	2,608,906	37,796	16,787,362
9	Hampshire	612	13,006,452	755,815	2,267,913	2,793,691	7,199,533	686	338	424,976	9,469	3,816,241
10	Middlesex	4,968	155,072,941	11,462,282	21,808,965	32,499,838	89,307,306	5,844	4,131	4,878,795	89,515	40,061,332
11	Nantucket	8	69,630	2,100	7,150	37,040	23,340	9	3	665	24	13,022
12	Norfolk	1,429	29,120,834	2,051,837	3,988,773	6,027,392	17,052,832	1,553	1,048	1,268,455	19,491	9,613,534
13	Plymouth	1,173	22,769,959	1,119,476	2,203,605	3,737,944	15,708,934	1,339	1,106	1,118,519	20,938	11,015,093
14	Suffolk	7,682	152,446,822	12,441,581	18,586,728	35,504,756	85,967,757	8,475	9,218	9,493,813	75,879	41,022,449
15	Worcester	3,169	119,261,602	7,769,963	17,039,099	26,723,061	67,739,479	3,375	3,041	3,752,604	75,117	33,815,650

TABLE 7.—MANUFACTURES BY

1 All industries.....	29,180	\$823,264,287	\$57,284,847	\$116,410,827	\$201,933,253	\$147,636,360	31,925	27,860	\$31,257,630	497,448	\$228,240,442
2 Agricultural implements.....	9	706,472	16,700	37,300	122,733	529,739	9	85	45,358	812	159,700
3 Artificial feathers and flowers.....	3	1,903			450	1,455	3	1	600	11	4,975
4 Artificial limbs.....	6	27,800	5,500	6,500	5,625	10,175	7			8	5,140
5 Awnings, tents, and sails.....	75	322,892	3,300	7,600	27,352	284,640	97	39	28,782	850	190,312
6 Babbitt metal and solder.....	3	7,750			1,000	6,750	2			2	1,474
7 Bags, other than paper.....	6	106,200			10,300	95,900	6	10	8,088	87	25,714
8 Baking and yeast powders.....	9	222,943	10,000	41,461	32,956	138,526	6	12	16,392	34	17,726
9 Baskets, and rattan and willow ware.....	84	162,865	10,335	36,857	48,925	66,918	40	7	4,974	191	81,307
10 Belting and hose, leather.....	17	564,187	4,000	6,000	88,514	465,673	12	45	58,949	182	113,328
11 Belting and hose, linen.....	3	156,791	500	5,000	30,400	120,891	1	10	10,400	75	24,382
12 Belting and hose, rubber.....	4	1,566,475	100,300	166,500	335,177	904,498	1	66	70,523	316	175,161
13 Bicycle and tricycle repairing.....	553	587,832	25,060	53,830	197,297	311,645	617	35	15,559	503	200,753
14 Bicycles and tricycles.....	25	2,616,498	51,614	444,863	908,361	1,241,660	19	189	117,242	1,581	815,028
15 Billiard tables and materials.....	13	132,212			13,300	118,912	17	4	6,736	79	52,591
16 Blacking.....	48	1,388,720	20,770	135,698	124,122	1,102,130	65	121	139,896	315	118,065
17 Blacksmithing and wheelwrighting.....	1,996	2,874,479	506,576	659,123	586,869	1,121,911	2,122	44	30,000	2,455	1,511,422
18 Bluing.....	8	205,109	5,600	13,000	5,340	181,169	10	12	14,274	51	23,388
19 Bookbinding and blank book making.....	103	2,638,254	143,831	292,237	644,469	1,567,727	118	167	140,104	2,608	1,141,014
20 Boot and shoe cut stock.....	270	5,475,277	127,120	260,605	455,111	4,622,441	348	226	202,731	4,390	1,699,807
21 Boot and shoe findings.....	138	2,467,639	63,548	168,618	376,011	1,859,462	169	147	122,300	2,178	843,290
22 Boot and shoe uppers.....	8	25,471			2,410	23,061	9	3	2,670	22	12,768
23 Boots and shoes, custom work and repairing.....	1,718	566,761	54,272	49,883	232,230	230,376	1,678	7	3,900	699	334,235
24 Boots and shoes, factory product.....	610	37,577,630	674,179	2,360,203	5,750,233	28,733,010	897	2,546	2,487,013	58,645	27,745,820
25 Boots and shoes, rubber.....	6	13,157,321	377,473	1,082,003	898,462	10,799,383	153	153	220,321	5,250	2,450,305
26 Bottling.....	158	1,756,128	128,985	280,800	323,014	1,073,374	200	128	112,741	730	404,978
27 Boxes, cigar.....	6	112,747	30,500	20,500	20,976	40,771	9	8	7,588	122	43,131
28 Boxes, fancy and paper.....	95	2,415,255	127,501	426,973	666,080	1,194,701	112	151	125,725	3,860	1,381,405
29 Boxes, wooden packing.....	94	2,418,227	396,674	414,196	535,128	1,067,239	111	97	80,704	2,081	914,332
30 Brass castings and brass finishing.....	48	1,666,401	143,450	198,995	204,690	1,119,206	56	55	63,832	1,128	668,600
31 Brassware.....	14	817,434	20,742	48,000	98,895	149,737	15	23	22,100	337	153,692
32 Bread and other bakery products.....	1,005	6,315,587	605,413	1,224,205	2,516,207	1,939,762	1,113	1,080	658,475	5,250	2,538,180
33 Brick and tile.....	81	2,318,664	669,263	381,134	431,218	837,049	108	54	44,205	1,429	622,311
34 Bridges.....	10	212,701	19,200	2,100	72,695	118,706	13	15	14,804	233	108,821
35 Brooms and brushes.....	65	1,494,482	15,885	36,600	128,294	1,313,703	70	83	91,023	1,105	425,780
36 Buttons.....	13	626,430	33,800	105,300	122,669	364,670	12	19	31,164	772	276,202
37 Carpentering.....	2,103	8,171,392	722,300	982,776	1,132,200	5,834,026	2,392	302	216,313	13,432	8,356,992
38 Carpets and rugs, other than rag.....	8	9,400,829	614,572	1,503,894	2,010,830	5,271,533	1	71	127,264	4,480	1,720,289
39 Carpets, rag.....	3	2,560			2,110	450	4			6	2,414
40 Carriage and wagon materials.....	39	1,052,561	43,750	129,800	177,863	701,148	46	34	41,310	580	291,899
41 Carriages and sleds, children's.....	4	364,480	35,000	69,000	26,916	233,574	3	16	22,496	280	138,178
42 Carriages and wagons.....	388	5,594,939	542,596	753,897	614,059	3,684,587	482	141	115,685	3,164	1,709,164
43 Cars and general shop construction and repairs by steam railroad companies.....	16	3,056,043	885,850	1,061,500	343,925	764,768		111	103,962	3,081	1,822,959
44 Cars and general shop construction and repairs by street railroad companies.....	6	159,328	40,100	74,000	18,550	26,678		3	2,450	71	48,947
45 Cars, street railroad, not including operations of railroad companies.....	3	902,420	242,741	210,302	64,675	384,702	2	10	17,576	473	260,911
46 Charcoal.....	4	5,900	125	1,500	2,200	2,075	4			6	2,295
47 Cheese, butter, and condensed milk, factory product.....	50	824,882	19,945	85,483	76,854	142,100	18	24	12,513	99	61,636
48 Chemicals.....	17	1,877,371	65,969	343,314	367,912	1,100,176	8	92	133,091	622	338,716
49 China decorating.....	15	26,585			4,850	21,735	16			11	5,875
50 Cleansing and polishing preparations.....	16	84,733	4,600	12,433	7,473	60,277	15	27	19,412	27	13,178
51 Clocks.....	5	589,758	41,000	74,000	182,950	291,808	4	22	21,932	96	56,601

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
341,783	\$180,155,824	143,109	\$45,630,890	12,556	\$2,453,728	\$73,209,015	\$7,970,695	\$8,070,464	\$17,010,908	\$12,156,948	\$552,717,955	\$540,562,917	\$12,155,038	\$1,035,198,989	1
276	139,846	156	40,811	8	726	25,052	7,775	2,830	12,112	2,335	441,657	434,111	7,546	862,946	2
11,640	5,631,812	5,626	1,711,783	672	125,883	2,088,817	136,885	207,966	1,583,546	160,420	14,442,643	13,797,038	646,605	80,291,305	3
39,845	18,320,540	23,293	7,574,657	3,127	617,170	6,512,438	385,783	1,174,670	4,579,157	872,828	46,711,961	45,030,786	1,681,175	99,763,121	4
59	26,658	14	3,142	2	182	8,750	1,557	438	2,037	4,718	50,900	50,146	754	129,194	5
53,969	27,506,613	23,851	7,673,193	1,525	319,754	8,367,819	962,035	613,147	5,139,823	1,632,814	99,192,813	97,648,080	1,544,133	166,806,159	6
4,175	2,101,306	851	245,802	155	24,968	471,537	34,432	85,845	328,785	22,475	4,439,516	4,238,254	201,262	9,491,461	7
24,801	12,980,294	11,897	3,643,189	1,098	213,879	5,432,301	466,081	524,098	3,620,115	822,007	37,858,931	36,618,225	1,240,709	73,569,068	8
5,813	2,774,266	3,359	1,015,660	297	56,318	823,779	62,869	117,675	513,811	129,424	8,602,716	8,398,942	203,774	15,905,879	9
59,428	31,146,824	27,989	8,508,488	2,098	406,020	13,205,593	894,218	1,232,816	9,713,405	1,365,154	112,207,902	110,098,573	2,109,329	192,514,608	10
24	13,022					1,131		309	822		15,560	15,425	135	44,991	11
14,758	8,170,409	4,581	1,410,738	152	82,387	2,057,078	179,157	166,515	1,477,716	233,690	21,244,655	20,732,153	512,502	39,870,609	12
16,048	9,100,715	4,565	1,866,085	325	48,203	1,947,789	178,572	153,338	1,451,780	164,099	30,210,247	29,904,683	305,564	49,775,252	13
55,641	34,423,408	19,495	6,463,605	743	135,436	24,396,690	3,897,835	978,426	12,766,117	6,751,282	105,765,275	104,115,952	1,619,323	217,384,437	14
55,306	27,870,611	17,432	5,472,237	2,379	472,802	7,870,271	763,496	812,391	5,821,682	472,702	71,533,176	69,479,949	2,053,227	138,789,964	15

SPECIFIED INDUSTRIES: 1900.

341,783	\$180,155,824	143,109	\$45,630,890	12,556	\$2,453,728	\$73,209,015	\$7,970,695	\$6,070,464	\$17,010,908	\$12,156,948	\$552,717,955	\$540,562,917	\$12,155,038	\$1,035,198,989	1
811	159,520			1	180	44,577	11,277	7,791	25,509		216,313	209,131	7,182	534,789	2
1	900	10	4,075			1,860	650	10	700		7,613	7,500	13	20,700	3
7	4,700	1	410			2,262	1,132	176	954		6,149	6,967	182	20,610	4
257	156,130	93	34,182			40,107	24,267	1,110	13,775	953	338,376	334,501	3,875	758,713	5
2	1,474					895	485	15	895		43,305	43,035	270	50,940	6
30	13,766	57	11,948			12,983	4,790	581	7,612		203,484	202,060	1,374	271,525	7
23	15,519	11	2,207			17,273	8,715	1,629	11,929		221,537	221,250	287	207,385	8
186	80,417	8	920	2	470	10,537	1,742	1,366	7,429		68,757	67,111	1,646	216,031	9
173	110,577	9	2,751			87,854	19,171	3,311	13,721	1,651	765,074	760,900	4,174	1,153,311	10
27	13,400	48	10,932			15,045	2,750	720	11,575		170,368	163,218	2,150	241,757	11
256	155,133	51	16,210	9	3,818	23,238	2,050	6,195	14,993		594,459	587,413	7,046	936,421	12
488	257,220	2	675	13	2,858	110,670	76,500	3,222	27,431	3,478	443,570	430,550	13,040	1,232,614	13
1,543	798,504	38	16,524			125,070	11,156	17,311	96,559	50	1,307,900	1,276,447	31,453	2,715,810	14
78	52,312			1	282	17,774	8,625	373	8,778		82,253	80,969	1,284	220,535	15
104	63,310	211	55,295			210,494	18,551	4,710	187,233		772,008	760,826	11,242	1,573,025	16
2,435	1,507,045			20	4,377	284,244	207,031	19,978	49,811	7,424	1,440,384	1,351,182	89,202	5,297,844	17
18	9,984	33	13,404			21,428	862	416	20,650		44,731	43,969	762	188,895	18
1,161	725,527	1,382	405,651	65	9,836	306,327	68,019	11,233	170,500	56,575	1,414,849	1,359,709	25,140	3,618,437	19
2,936	1,344,866	1,391	343,928	63	10,933	390,223	109,516	25,922	247,897	6,838	14,272,487	14,217,792	54,695	18,238,922	20
1,314	619,708	814	214,880	50	8,762	167,294	43,314	11,861	91,832	20,287	3,962,724	3,926,868	35,861	5,794,240	21
22	12,768					1,686	1,390	4	292		61,463	61,360	108	90,130	22
682	330,029	8	2,400	9	1,806	207,819	182,364	2,423	20,556	2,476	632,890	617,040	15,850	2,050,724	23
30,022	20,873,248	18,636	6,080,138	987	166,434	4,826,896	899,893	192,577	3,252,789	981,037	75,751,964	75,331,907	420,057	117,115,248	24
2,921	1,672,130	2,272	774,152	57	10,017	1,081,132	127,566	137,586	953,686		8,837,688	8,752,482	85,206	16,490,015	25
716	399,071	20	5,352	3	550	287,070	67,607	23,335	194,828	1,800	2,722,621	2,700,613	22,008	4,384,937	26
62	28,256	60	14,875			4,875	1,570	1,190	2,115		84,849	83,189	1,710	169,728	27
1,184	605,023	2,609	760,495	97	15,948	203,239	58,706	18,867	93,661	82,562	1,823,543	1,791,564	31,979	4,145,292	28
1,822	840,911	238	70,680	217	2,741	185,774	21,515	21,457	138,802	4,000	2,052,669	2,038,449	14,220	3,723,518	29
1,127	608,381			1	228	79,617	21,574	14,452	43,441	150	1,946,595	1,876,788	69,807	2,935,062	30
225	124,228	110	29,068	2	306	18,324	7,608	1,925	8,791		162,378	156,627	5,751	443,787	31
3,911	2,216,771	1,263	308,222	76	13,196	839,081	317,872	39,974	480,905	830	8,346,701	8,113,639	233,062	15,420,529	32
1,426	621,661			3	650	90,672	16,532	18,564	52,826	2,750	400,365	398,071	302,294	1,468,264	33
233	108,821					15,700	2,250	760	12,590	100	171,632	167,354	4,278	359,602	34
554	273,701	519	146,636	32	5,452	125,731	25,854	11,598	87,779	500	1,089,053	1,077,209	11,844	2,026,416	35
302	141,049	443	131,929	27	3,224	27,505	4,176	5,392	17,777	160	237,835	229,116	8,719	681,081	36
13,423	8,355,057	2	350	7	1,585	4,035,865	163,558	38,723	252,628	3,580,961	14,638,790	14,570,276	68,514	32,741,806	37
2,022	996,216	1,054	629,638	504	94,435	427,241	683	77,957	329,705	18,896	3,989,945	3,891,789	98,156	6,966,267	38
5	2,114	1	300			890	720		107		730	600	130	7,000	39
577	290,733			2	304	42,368	14,839	5,620	40,307	1,602	629,508	611,738	17,770	1,256,830	40
254	126,178	24	11,500	2	500	42,353	1,400	2,466	38,487		287,344	282,469	4,875	572,561	41
3,148	1,704,006	16	5,158			346,351	117,419	35,900	172,300	20,732	2,585,363	2,522,181	63,182	6,118,121	42
3,028	1,821,912	3	1,047			32,544	2,500	50	29,994		1,752,564	1,707,118	45,446	3,712,029	43
71	48,947					5,295	60	1,085	4,150		95,927	95,387	540	156,580	44
473	260,911					30,523	555	5,448	24,520		368,188	358,685	9,503	742,535	45
6	2,295					95	45	25	25		5,012	5,012		9,766	46
99	61,636					15,240	3,974	1,916	8,520	830	1,024,575	1,015,476	9,099	1,198,159	47
580	323,631	39	9,476	3	609	268,236	5,780	16,791	240,665	5,000	1,080,826	985,655	95,171	2,010,830	48
6	4,025	5	1,850			3,848	2,772	19	927	130	26,366	26,175	191	48,930	49
20	11,455	7	1,722			25,678	1,639	724	23,315		58,288	57,026	1,262	195,846	50
89	52,779	7	3,822			13,449	1,175	2,782	9,492		33,522	31,283	2,239	172,548	51

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
52 Cloth, sponging and refinishing.....	4	\$8,100			\$3,100	\$8,000	5			14	\$8,615
53 Clothing, men's, custom work and repairing.....	1,527	8,030,443	\$57,495	\$65,839	283,641	2,623,968	1,685	806	\$232,822	5,091	2,551,641
54 Clothing, men's, factory product.....	194	8,793,174	17,025	60,025	179,086	3,587,038	276	316	\$38,704	3,338	1,422,278
55 Clothing, men's, factory product, buttonholes.....	8	1,554			1,500		54			8	4,333
56 Clothing, women's, dressmaking.....	1,335	993,980	51,445	84,650	198,992	663,893	1,406	38	21,341	4,172	1,532,926
57 Clothing, women's, factory product.....	119	1,616,991	16,400	63,800	242,054	1,294,737	159	140	145,254	3,443	1,083,002
58 Coffee and spice, roasting and grinding.....	24	1,906,955	16,000	35,000	158,938	1,697,017	25	172	244,954	286	195,268
59 Coffins, burial cases, and undertakers' goods.....	15	716,185	22,000	71,000	184,175	489,010	15	58	64,350	284	160,213
60 Combs.....	16	385,077	13,600	33,150	59,786	278,541	21	31	29,101	752	327,658
61 Confectionery.....	249	2,212,389	180,468	214,212	693,018	1,124,691	278	876	274,169	2,942	1,046,114
62 Cooperage.....	73	967,287	125,895	248,295	112,143	481,454	77	39	89,760	944	442,494
63 Cordage and twine.....	19	7,697,434	408,900	865,721	1,317,447	5,105,366	9	84	143,339	8,303	1,100,990
64 Cordials and sirups.....	3	12,273			783	11,490	5	4	2,028	6	2,012
65 Cork, cutting.....	5	75,674			18,621	56,953	6	11	12,609	61	22,495
66 Corsets.....	14	939,656	11,722	97,847	111,449	718,638	13	95	144,311	1,085	331,334
67 Cotton goods.....	163	155,761,193	8,716,746	30,066,848	57,923,100	50,049,499	37	1,080	2,013,902	92,085	32,327,443
68 Cotton small wares.....	14	528,258	19,774	77,353	240,819	190,812	11	24	32,150	430	151,254
69 Cotton waste.....	8	1,264,414	104,620	131,446	136,231	892,114	6	26	45,340	446	170,281
70 Cutlery and edge tools.....	65	3,116,274	225,400	636,445	599,372	1,655,057	74	97	148,170	2,100	1,083,281
71 Dentists' materials.....	6	41,154	75	125	12,681	28,373	7	23	19,750	38	18,944
72 Druggists' preparations, not including prescriptions.....	13	502,696	3,125	21,000	71,070	407,501	7	75	89,448	145	60,611
73 Dyeing and cleaning.....	85	291,659	51,790	67,900	60,925	111,044	96	22	14,060	428	204,106
74 Dyeing and finishing textiles.....	37	15,206,200	1,161,503	1,960,972	2,499,388	9,584,337	24	239	547,592	4,678	2,081,015
75 Dyestuffs and extracts.....	10	592,510	91,800	68,000	60,973	371,737	11	27	36,120	49	28,226
76 Electrical apparatus and supplies.....	54	8,259,612	112,300	716,298	1,280,069	6,150,945	34	565	556,703	5,202	2,714,449
77 Electrical construction and repairs.....	140	687,531	4,050	2,650	69,515	611,316	158	90	70,493	701	399,588
78 Electroplating.....	54	141,496	3,600	5,700	75,050	57,140	64	3	1,515	219	113,779
79 Emery wheels.....	9	597,430	27,100	72,932	124,325	373,073	4	47	52,470	271	161,620
80 Enameling and enameled goods.....	14	47,405	1,225	4,150	21,985	20,045	17	3	8,300	105	47,403
81 Engraving and diesinking.....	56	77,326	1,140	3,975	40,656	31,555	73	12	6,565	104	58,354
82 Engraving, steel, including plate printing.....	33	133,211	80	550	34,401	98,180	37	12	17,618	193	134,595
83 Engraving, wood.....	17	48,600			10,380	38,220	22			53	31,574
84 Envelopes.....	12	2,318,052	143,844	436,822	864,765	873,621	2	105	94,090	976	339,620
85 Fancy articles, not elsewhere specified.....	32	354,847	2,550	7,650	60,299	278,948	32	31	40,110	357	145,510
86 Felt goods.....	7	1,338,640	134,400	229,930	324,212	650,098	1	19	41,397	464	180,795
87 Fertilizers.....	9	3,250,080	160,179	227,967	396,601	2,475,288	7	171	186,685	227	115,083
88 Files.....	11	50,575	5,000	8,300	18,950	16,825	15	2	750	75	39,492
89 Firearms.....	10	1,932,602	200,900	379,714	631,303	720,685	10	78	80,595	1,603	862,565
90 Fish, canning and preserving.....	61	1,734,227	194,557	206,559	256,568	1,076,543	85	122	103,131	1,328	475,123
91 Flags and banners.....	3	4,799			450	4,349	4			4	1,900
92 Flavoring extracts.....	39	535,284	9,175	21,050	37,679	467,380	42	77	110,535	139	60,207
93 Flouring and grist mill products.....	231	1,930,927	203,513	401,901	340,838	984,670	270	53	33,157	304	161,486
94 Food preparations.....	53	952,893	36,725	67,895	207,200	671,067	61	123	209,560	500	227,454
95 Foundry and machine shop products.....	825	62,498,989	4,003,963	8,365,961	13,854,712	36,774,413	808	2,134	2,833,232	32,234	17,862,854
96 Fruits and vegetables, canning and preserving.....	9	43,375	625	900	19,900	26,950	12	9	7,600	139	39,945
97 Fur goods.....	42	153,679	200	500	12,735	140,244	47	24	21,600	217	140,862
98 Fur hats.....	11	1,467,700	46,356	319,101	368,939	738,304	13	54	55,659	1,323	790,786
99 Furnishing goods, men's.....	12	341,070	7,400	16,000	36,972	280,698	16	46	57,790	498	181,398
100 Furniture, cabinetmaking, repairing, and upholstering.....	500	1,110,171	42,790	76,885	141,586	843,910	548	52	88,893	1,203	701,243
101 Furniture, factory product.....	120	10,987,220	427,404	1,417,420	992,158	8,150,238	156	310	363,551	6,092	2,925,381
102 Galvanizing.....	4	21,460		150	3,910	17,400	4			14	8,316
103 Gas and lamp fixtures.....	9	247,066			101,600	145,466	12	27	21,800	158	98,594
104 Gas, illuminating and heating.....	68	30,032,578	3,591,388	6,621,853	16,041,434	2,877,903		434	420,085	1,409	813,459
105 Gas machines and meters.....	6	555,924	16,500	11,750	38,770	488,904		25	84,580	192	120,795
106 Glass.....	5	258,949	33,000	60,047	85,150	140,752		39	28,060	387	188,674
107 Glass, cutting, staining, and ornamenting.....	26	143,241	1,013	3,100	25,724	118,404	36	19	14,406	178	113,938
108 Gloves and mittens.....	9	111,005	1,100	5,355	11,315	93,235	10	7	3,960	201	86,310
109 Glue.....	14	1,004,101	122,890	173,910	161,038	556,263	16	31	40,030	293	125,669
110 Gold and silver, leaf and foil.....	8	47,350	1,300	3,300	8,250	34,500	8	1	1,196	96	48,220
111 Gold and silver, reducing and refining, not from the ore.....	4	43,556	4,200	10,100	8,875	20,381	7	1	1,500	7	4,980
112 Grease and tallow.....	41	1,860,076	299,296	777,915	299,458	433,407	46	42	45,895	424	219,476
113 Hairwork.....	31	51,570			8,375	43,195	33	2	1,400	74	26,610
114 Hand knit goods.....	9	16,943	173	1,225	5,795	9,750	9	1	312	12	5,595
115 Hand stamps.....	25	65,810			27,860	37,950	20	18	12,818	74	28,280
116 Hardware.....	25	780,845	31,116	89,982	146,760	512,987	32	23	26,190	616	280,190
117 Hats and caps, not including fur hats and wool hats.....	50	1,798,071	159,938	240,666	315,383	1,091,084	65	80	108,911	2,245	1,038,768
118 Hosiery and knit goods.....	54	6,288,672	369,094	711,522	1,268,522	3,933,534	36	166	212,753	6,667	2,091,258
119 House furnishing goods, not elsewhere specified.....	15	1,242,639	86,700	105,390	280,579	819,970	12	62	85,610	381	174,225
120 Ink, writing.....	6	232,097	3,125	6,500	22,322	200,150	7	65	57,968	71	27,315
121 Instruments, professional and scientific.....	14	229,510	5,250	14,400	30,438	179,874	12	15	14,644	59	31,633

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
14	\$6,615					\$2,169	\$1,810	\$14	\$345		\$560	\$100	\$160	\$17,500	52
8,084	1,840,777	1,940	\$697,805	67	\$13,059	1,182,472	499,263	16,971	197,124	\$469,114	3,854,380	3,318,793	35,587	9,860,673	53
1,396	870,423	1,929	550,429	8	1,426	1,434,508	138,070	29,760	183,544	1,083,134	5,011,759	4,985,602	26,157	9,830,954	54
8	2,570	5	1,763			495	336	3	156		643	496	147	8,044	55
319	228,271	3,840	1,302,488	13	2,167	317,710	247,591	4,593	44,927	20,596	1,493,028	1,477,448	15,580	4,767,972	56
418	244,081	2,997	831,521	28	4,450	261,597	82,599	9,302	135,021	34,672	2,795,143	2,775,082	20,061	5,201,650	57
178	159,459	108	35,809			232,949	30,500	10,209	192,240		2,966,805	2,946,072	20,733	3,926,000	58
237	140,662	47	19,551			43,563	14,484	4,890	24,189		295,892	287,775	8,117	682,922	59
635	286,451	109	39,407	8	1,800	50,960	5,085	2,179	18,076	25,620	530,693	511,154	19,539	1,099,467	60
1,118	644,829	1,737	389,418	87	11,867	417,846	169,496	23,108	222,042	3,200	4,083,003	4,028,978	54,085	7,014,582	61
982	438,894	12	3,600			63,105	8,079	8,497	45,729	800	803,885	796,876	7,009	1,578,013	62
2,123	788,965	1,029	282,921	151	29,104	418,861	8,720	64,223	348,764	2,154	6,527,313	6,449,193	78,125	9,635,571	63
2	1,680	4	332			8,813	2,620	30	1,263		12,027	11,847	180	25,711	64
42	18,695	19	3,800			7,658	2,780	150	4,728		51,101	49,821	1,280	117,149	65
92	53,029	968	274,345	25	3,960	200,555	10,930	7,155	182,470		544,145	539,531	4,614	1,541,366	66
45,105	18,298,457	41,057	12,855,112	5,923	1,173,874	7,243,357	13,714	1,654,300	5,891,813	183,530	54,068,038	51,887,824	2,180,714	110,478,327	67
140	68,686	241	74,138	49	8,480	31,754	5,362	4,515	21,877		321,007	310,807	10,200	646,848	68
243	115,802	203	54,479			58,036	11,700	8,509	37,827		2,609,134	2,601,753	7,381	2,987,188	69
1,970	1,043,855	84	28,552	46	10,774	130,209	13,180	25,419	91,560	50	806,601	743,943	62,658	2,608,075	70
29	17,144	4	1,800			14,557	8,744	34	10,779		57,163	56,525	638	157,625	71
77	39,199	63	20,502	5	910	41,754	16,353	2,668	22,733		302,130	300,065	2,065	618,314	72
192	116,405	285	87,493	1	208	44,865	26,401	1,471	12,558	4,435	68,871	59,996	8,875	522,616	73
8,846	1,833,344	785	229,597	97	18,074	866,829	7,517	85,717	756,802	16,793	3,110,910	2,711,087	399,223	8,868,290	74
48	27,626	1	600			20,449	3,606	1,910	14,933		1,123,833	1,115,588	8,265	1,320,881	75
4,256	2,445,100	843	244,221	103	25,128	454,003	62,103	37,276	345,802	8,827	5,250,293	5,178,091	72,202	10,490,361	76
627	373,034	74	26,554			66,249	28,917	1,371	33,595	2,366	693,658	689,024	4,634	1,521,896	77
198	108,454	17	4,533	4	792	21,901	16,447	647	4,307	500	73,062	66,956	6,707	297,760	78
270	161,100	1	520			63,086	4,160	6,488	52,443		244,355	227,498	16,857	672,740	79
67	36,419	36	10,839	2	600	5,472	3,686	117	1,669		24,705	19,748	4,957	118,480	80
93	55,344	10	2,760	1	260	31,211	11,308	382	4,751	14,770	35,103	32,811	2,292	216,723	81
143	117,054	47	16,885	8	656	40,953	12,407	462	27,644	440	62,552	60,712	1,840	353,700	82
50	30,542	3	1,032			9,102	3,686	137	1,284	3,995	8,456	7,719	737	83,934	83
299	171,867	673	216,825	4	928	192,164	14,090	10,583	167,491		1,199,167	1,189,133	10,034	2,132,353	84
144	87,597	211	57,613	2	270	48,097	13,088	1,546	20,540	2,898	455,539	453,409	2,180	852,459	85
402	165,861	47	12,512	15	2,422	67,612	6,080	7,169	54,363		953,203	931,217	21,986	1,526,830	86
226	114,619	1	464			199,787	4,126	15,209	180,452		1,115,818	1,102,144	13,674	2,074,590	87
75	39,492					4,474	2,684	234	1,256	300	12,793	10,111	2,682	86,563	88
1,561	854,319	2	1,096	40	7,150	126,899	5,520	19,804	101,575		509,555	487,221	22,334	1,928,179	89
1,194	449,781	184	25,342			118,053	21,296	13,642	82,320	800	3,471,112	3,460,821	10,291	4,619,362	90
3	1,500	1	400			971	696		275		5,818	5,810	8	11,400	91
89	44,008	49	15,849	1	350	68,420	20,932	3,156	44,382		522,321	519,250	3,074	1,022,236	92
302	161,264			2	222	55,774	28,094	15,107	52,573		4,812,266	4,777,109	35,147	5,763,523	93
351	184,123	141	41,853	8		573,690	30,710	6,811	536,369	800	923,362	893,549	29,813	2,378,210	94
31,845	17,749,504	320	101,241	69	12,109	3,535,269	393,333	389,887	2,567,835	194,168	21,357,406	20,587,835	769,571	56,280,159	95
57	21,660	79	17,760	3	625	7,892	4,724	463	2,205		884,600	381,206	3,394	531,545	96
83	72,340	134	68,522			81,289	13,459	484	9,221	3,125	251,107	250,455	652	597,399	97
976	514,262	884	274,264	13	2,270	97,787	9,910	10,567	70,410	6,900	1,339,516	1,362,218	27,328	2,630,964	98
79	34,572	418	146,650	1	176	55,304	10,321	1,811	43,172		632,007	628,558	3,449	1,020,369	99
1,027	633,609	169	66,414	7	1,220	165,959	105,443	5,622	44,529	10,365	1,136,209	1,123,985	12,224	2,745,149	100
5,506	2,734,886	552	184,132	34	6,313	1,105,780	98,696	74,883	315,656	616,495	4,567,565	4,450,535	107,010	11,244,503	101
14	8,316					2,163	700	42	1,321		14,813	13,903	910	86,150	102
151	96,494	2	1,050	5	1,050	37,075	11,030	874	25,171	100	122,135	118,559	3,576	835,364	103
1,406	811,587	3	1,872			1,147,205	40	815,907	831,258		1,651,873	1,569,239	82,584	5,868,864	104
180	118,830	3	1,248	3	717	24,510	7,460	945	16,105		132,288	129,661	2,627	394,320	105
343	179,236	19	4,392	25	5,046	14,243	500	3,155	10,588		137,185	104,138	33,047	418,458	106
171	111,058	7	2,880			29,929	16,148	981	10,800	2,000	62,936	59,823	3,113	296,815	107
61	42,913	134	42,497	6	900	6,942	3,690	480	1,772	1,000	124,170	122,805	1,365	289,210	108
258	115,098	35	10,471			60,883	6,403	7,931	46,499	50	638,990	584,547	54,443	913,438	109
47	30,520	45	16,700	4	1,000	2,256	1,540	79	637		90,037	89,579	458	166,250	110
7	4,980					1,021	672	121	228		24,674	24,129	545	44,159	111
423	219,226			1	250	116,468	4,841	12,454	97,273	2,400	1,143,186	1,104,601	38,535	1,879,908	112
10	4,797	63	21,633	1	130	19,028	15,635	237	2,956	200	37,564	37,196	368	137,240	113
8	4,777	4	818			1,054	440	47	867	200	5,972	5,850	122	20,679	114
58	25,045	14	3,935	2	300	28,897	3,302	394	7,312	12,889	31,310	30,406	904	136,204	115
529	250,250	16	8,850	71	26,080	67,419	9,458	4,857	52,844	260					

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and imple- ments.	Cash and sundries.		Num- ber.	Salaries.	Total.	
										Average number.	Wages.
122 Iron and steel.....	8	\$13,788,593	\$411,300	\$1,008,500	\$4,711,130	\$7,607,663	98	\$162,617	6,125	\$3,408,827	
123 Iron and steel, bolts, nuts, washers, and rivets.	10	1,510,515	63,915	203,005	835,226	408,369	70	99,855	943	411,500	
124 Iron and steel, forgings.....	6	322,235	18,900	58,244	133,976	111,115	7	20,250	233	131,979	
125 Iron and steel, nails and spikes, cut and wrought, including wire nails.	44	2,519,781	157,124	380,424	693,825	1,288,408	51	133,077	1,076	519,013	
126 Ironwork, architectural and ornamental.	27	1,725,332	139,406	133,010	225,743	1,177,173	23	104,035	981	595,199	
127 Ivory and bone work.....	19	345,100	8,700	40,364	99,260	196,776	30	13,628	574	232,127	
128 Japanning.....	5	40,190	7,600	12,700	3,150	16,740	4	2,400	26	14,033	
129 Jewelry.....	138	4,917,105	74,472	321,295	1,297,767	3,223,571	225	372,832	5,696	2,780,993	
130 Jewelry and instrument cases.....	4	10,850	2,000	500	4,800	3,550	7		29	8,057	
131 Kaolin and other earth grinding.....	12	787,535	116,103	195,060	77,716	398,356	12	36,900	206	123,586	
132 Kindling wood.....	7	108,450	50,100	21,000	24,500	12,850	15	400	79	24,298	
133 Lamps and reflectors.....	10	95,916	1,000	6,000	33,781	50,162	12	15,316	166	86,955	
134 Lapidary work.....	3	28,100			4,900	18,200	2	3,070	17	10,300	
135 Laths.....	23	678,646	53,601	125,425	161,318	338,302	35	35,004	414	237,475	
136 Lead, bar, pipe, and sheet.....	4	915,725	202,000	133,000	148,717	456,008	29	40,650	101	64,940	
137 Leather goods.....	37	416,261	7,643	28,750	84,484	295,384	41	40,853	473	193,267	
138 Leather, tanned, curried, and finished.	119	15,317,940	360,099	1,330,948	1,745,968	11,871,925	160	405,618	7,010	3,379,696	
139 Lime and cement.....	11	115,639	20,100	28,700	16,800	50,039	16	2,640	130	69,823	
140 Linen goods.....	8	2,520,056	83,074	433,065	519,778	1,484,139	5	60,601	1,387	459,472	
141 Liquors, distilled.....	8	553,874	72,575	120,000	78,500	282,799	6	21,180	29	21,920	
142 Liquors, malt.....	40	18,136,623	2,074,101	6,226,373	4,421,247	5,414,902	15	639,025	1,651	1,340,412	
143 Liquors, vinous.....	6	33,700	2,300	6,450	2,200	22,750	7		5	2,700	
144 Lithographing and engraving.....	21	1,564,568	29,000	86,257	547,268	902,038	16	164,790	1,079	569,230	
145 Lock and gun smithing.....	151	126,122	2,000	4,688	51,906	67,528	145	2,204	103	56,535	
146 Looking-glass and picture frames.....	135	375,033	11,485	25,950	32,425	305,173	154	27,857	278	151,695	
147 Lumber and timber products.....	553	6,253,171	1,715,459	696,998	1,111,577	2,729,137	685	81,896	2,768	1,215,088	
148 Lumber, planing mill products, including sash, doors, and blinds.	143	4,120,637	459,727	635,123	723,898	2,299,289	156	228,867	2,434	1,844,066	
149 Marble and stone work.....	231	5,208,306	1,624,217	561,894	1,293,482	1,728,713	266	184,853	3,894	2,058,115	
150 Masonry, brick and stone.....	759	3,730,734	490,153	360,925	709,872	2,169,784	854	149,705	8,741	4,871,081	
151 Mattresses and spring beds.....	37	501,988	34,000	28,656	60,735	378,598	36	67,350	624	272,359	
152 Millinery and lace goods.....	25	706,454	46,300	136,100	100,491	423,563	33	41,684	993	481,046	
153 Millinery, custom work.....	874	1,600,520	54,700	96,190	135,602	1,314,028	958	100,850	2,216	839,513	
154 Mineral and soda waters.....	129	1,192,543	114,850	176,764	370,960	529,969	159	75,039	460	232,056	
155 Mirrors.....	6	113,900	4,000	2,000	21,501	89,999	6	5,808	66	35,581	
156 Models and patterns.....	75	163,074	3,400	4,000	71,991	83,683	92	7,302	259	149,887	
157 Monuments and tombstones.....	241	2,012,395	409,348	210,571	255,243	1,137,233	305	71,739	1,827	1,110,547	
158 Mucilage and paste.....	23	394,312	37,900	48,800	52,275	255,337	23	30,864	92	56,067	
159 Musical instruments and materials, not specified.	34	336,521	620	910	61,092	273,899	37	11,890	248	134,131	
160 Musical instruments, organs and materials.	24	353,507	29,400	97,729	138,851	537,527	29	59,660	629	408,049	
161 Musical instruments, pianos and materials.	37	6,153,597	596,691	869,686	493,053	4,194,167	28	257,983	2,546	1,494,973	
162 Needles and pins.....	6	245,168	5,000	25,000	47,599	167,569	8	8,300	262	102,757	
163 Nets and seines.....	4	790,652	25,698	65,225	144,221	555,508	6	30,045	430	148,919	
164 Oil, not elsewhere specified.....	22	601,012	62,342	78,842	93,769	369,059	27	38,168	160	84,235	
165 Optical goods.....	35	1,318,309	39,806	151,441	180,037	947,025	42	69,318	1,469	660,990	
166 Painting, house, sign, etc.....	1,743	2,569,528	218,694	310,042	398,716	1,642,071	1,935	100,070	6,114	3,586,919	
167 Paints.....	30	1,390,708	80,476	207,241	202,069	810,722	26	75,102,784	337	176,101	
168 Paper and wood pulp.....	93	26,692,922	3,572,658	5,805,874	7,156,007	10,158,383	35	861,152	9,061	3,938,400	
169 Paper goods, not elsewhere specified.....	34	3,084,168	69,825	363,199	626,066	2,025,068	28	256,316	1,487	630,486	
170 Paper hanging.....	98	173,975	5,700	5,800	19,403	143,012	111	11,166	304	197,715	
171 Paper hangings.....	4	376,540	50,785	53,379	136,276	136,150	3	44,649	169	90,562	
172 Patent medicines and compounds.....	148	2,766,794	182,611	308,022	280,596	2,015,565	155	278,117	1,259	401,835	
173 Paving and paving materials.....	66	777,222	119,300	74,850	171,438	411,684	82	61,008	951	485,820	
174 Perfumery and cosmetics.....	13	144,324	250	5,500	8,705	129,869	14	13,949	57	26,656	
175 Photographic apparatus.....	3	109,600			15,100	94,500	2	4,707	55	23,070	
176 Photographic materials.....	13	161,943	4,300	32,720	58,598	65,325	10	15,468	95	49,419	
177 Photography.....	402	937,735	87,961	100,404	444,656	854,714	423	62,818	760	391,756	
178 Photolithographing and photoengraving.	16	138,126			48,325	89,801	18	24,086	233	151,027	
179 Pickles, preserves, and sauces.....	30	529,582	3,050	9,150	61,725	455,657	30	76,919	281	108,648	
180 Pipes, tobacco.....	5	81,820	825	1,250	7,325	72,420	7		45	32,112	
181 Plastering and stuccowork.....	108	406,341	84,920	71,040	72,970	227,411	142	27,504	675	435,067	
182 Plated and britannia ware.....	4	1,170,606	39,502	223,500	282,631	624,973	1	22,893	193	95,722	
183 Plumbers' supplies.....	13	468,549	22,200	23,550	75,136	347,663	7	44,794	374	182,343	
184 Plumbing, and gas and steam fitting.....	1,072	4,765,386	295,283	376,731	528,818	3,564,554	1,284	283,378	5,432	3,304,646	
185 Pottery, terra cotta, and fire-clay products.	29	1,627,575	370,880	522,942	197,273	536,480	26	60,860	584	262,141	
186 Printing and publishing, book and job.	585	8,933,698	283,760	403,894	3,598,588	4,647,466	654	837,219	5,427	2,906,519	
187 Printing and publishing, music.....	9	294,335			138,142	156,693	6	43,137	160	85,251	
188 Printing and publishing, newspapers and periodicals.	396	10,392,258	793,035	618,784	4,074,133	4,906,256	346	2,027,034	5,432	3,769,204	
189 Pumps, not including steam pumps.....	3	13,050	1,050	4,900	3,100	4,000	4	600	5	2,208	
190 Refrigerators.....	12	157,259	22,000	28,600	20,400	86,259	19	5,912	107	62,187	
191 Regalia and society banners and emblems.	12	35,977			6,627	29,350	15	533	39	15,198	

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.				Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.				
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.												
5,931 614	\$3,347,638 853,212	171 317	\$54,541 86,272	23 12	\$6,645 2,016	\$1,001,756 120,177	\$15,000 7,005	\$72,330 11,616	\$914,426 95,566	\$5,900	\$7,542,888 1,025,677	\$7,006,013 1,000,968	\$536,875 24,709	\$13,491,159 1,834,886	122		
233 781	131,979 421,938	269	90,401	26	6,671	13,713 125,805	1,265 10,771	2,023 21,303	10,425 93,731		204,703 1,749,321	172,794 1,706,469	31,909 42,852	467,095 2,902,875	123		
981	595,199					155,817	12,708	8,055	96,809	38,245	1,456,375	1,435,071	21,304	2,545,779	126		
448 24	203,000 13,433	100 2	24,130 600	26	4,997	32,918 2,607	6,549 2,000	1,711 425	24,658 182		414,720 22,717	403,753 21,611	10,967 1,106	774,311 48,319	127		
3,498 11	1,979,881 4,292	2,177 18	796,611 3,765	21	5,001	278,510 1,629	82,006 704	20,029 65	167,345 860	9,130	4,390,447 7,659	4,322,634 7,259	57,813 400	10,315,334 24,674	128		
206	123,586					30,754	9,964	4,403	14,527	1,860	246,836	228,601	18,145	526,032	130		
79 143	24,298 80,400	23	6,555			3,559 16,520	1,506 5,012	528 665	1,435 10,843		53,880 74,744	51,732 72,233	2,148 2,511	99,751 220,767	132		
17 413	10,300 287,331	1	144			3,651 52,727	1,350 9,596	25 4,318	1,276 38,213	1,000 600	26,677 225,860	26,277 212,088	400 13,772	50,460 853,812	133		
100	61,758			1	182	49,362	150	11,866	37,346		809,859	800,430	9,429	1,003,507	135		
261 6,955	136,363 3,358,807	205 48	55,726 19,307	7 7	1,158 1,584	60,493 662,553	14,050 73,299	2,159 88,961	44,089 500,298	195	441,171 19,793,757	434,923 19,564,541	6,248 229,216	973,086 26,067,714	137		
180 525	69,823 229,620	739	207,170	123	22,682	7,630 182,251	1,325 3,150	1,312 21,081	2,893 158,020	2,100	122,433 1,000,225	68,176 966,959	54,257 33,266	261,477 1,737,762	138		
29	21,920					441,231	3,000	6,058	432,173		308,414	292,979	15,435	857,096	140		
1,641 5	1,836,427 2,700	10	3,985			4,781,540 1,589	324 190	115,875 184	4,614,343 1,215	998	2,843,050 5,791	2,622,979 5,691	220,071 100	11,255,613 19,685	142		
796 100	483,829 64,035	254 6	75,264 2,038	29 2	10,137 442	283,874 33,646	20,077 25,966	7,313 467	181,008 6,193	75,476 1,020	555,544 64,887	541,367 60,772	14,177 4,065	1,789,161 798,756	143		
275	150,252	8	1,443			64,266	43,104	3,842	15,570	1,750	358,192	355,008	3,184		145		
2,713 2,403	1,200,167 1,385,066	50 11	14,046 3,328	5 20	875 5,672	297,759 280,761	18,029 57,524	43,380 33,224	228,530 162,923	7,820 27,090	3,574,418 3,635,754	3,570,042 3,591,444	4,376 44,310	6,526,230 6,292,281	147		
3,888 8,740	2,056,695 4,870,881			6 1	1,420 200	272,759 1,782,226	32,950 36,684	34,812 20,024	194,683 255,543	10,314 1,469,975	1,576,697 7,563,403	1,498,204 7,527,062	78,493 30,341	5,078,098 16,628,973	149		
428	207,712	196	64,647			109,376	49,055	3,612	56,709		914,802	901,490	13,312	1,617,503	150		
271 40	186,844 24,504	721 2,152	293,982 811,217	1 24	220 3,792	89,543 407,622	16,093 328,967	4,173 10,029	19,277 68,426		1,024,114 2,481,469	1,010,726 2,467,366	13,388 14,163	1,818,967 5,075,501	152		
447 66	225,775 36,581	7 11	5,371	6	910	172,825 5,222	29,142 2,596	8,155 67	133,923 2,559	1,600	453,145 92,818	440,069 89,978	13,076 2,840	1,247,879 186,967	154		
248	147,034		2,853			83,186	21,562	704	10,120	750	66,555	61,494	5,061	383,983	155		
1,827 70	1,110,547 46,065	21 13	9,246 4,824	1	156	211,731 30,000	18,862 9,436	16,685 2,109	111,761 19,055	64,423	774,529 712,404	742,175 703,633	32,354 8,771	2,917,633 984,782	157		
235	129,307					25,473	11,656	653	13,004	100	174,814	168,212	6,602	469,239	158		
573	387,420	55	20,467	1	162	85,819	12,160	6,965	66,535	159	366,689	353,899	12,790	1,189,585	160		
2,373	1,448,762	173	46,211			430,097	36,610	28,070	267,292	98,125	1,935,401	1,906,604	28,797	4,981,966	161		
132 47	71,109 31,444	99 888	20,205 117,475	81 1	5,383	9,394 46,130	1,025 6,560	1,679 5,599	6,090 33,971		26,565 500,268	23,555 496,693	3,010 3,575	223,851 876,300	162		
149 1,157	80,485 577,724	10 248	3,550 72,443	1 64	200 10,821	66,815 159,313	7,144 15,451	3,528 16,159	56,143 88,258	39,420	1,279,104 984,488	1,264,129 974,073	14,975 10,415	1,700,641 2,082,837	163		
6,088	3,579,674	15	4,837	11	2,338	322,322	174,186	13,048	101,994	33,094	2,269,489	2,251,836	14,653	8,499,066	166		
311 5,626	166,473 3,004,087	26 3,428	9,628 932,873			112,789 1,693,505	18,170 9,634	11,501 262,835	83,028 1,416,117		1,332,899 11,918,802	1,303,191 10,661,591	29,708 1,254,211	2,005,982 22,141,461	167		
839 301	446,583 196,728	618 3	177,813 957	30	6,930	221,905 35,358	35,004 19,187	18,113 911	168,288 12,735	500 2,525	2,740,964 256,979	2,699,371 256,419	41,593 560	4,322,860 618,639	169		
148	86,734	17	3,100	4	728	8,553	4,450	898	4,005		173,930	169,066	4,864	445,242	171		
582 949	245,817 485,260	672 1	155,026 260	5 1	992 300	2,271,748 71,513	38,930 7,052	18,743 4,986	2,208,672 45,014	5,403 14,461	1,780,278 433,682	1,764,979 415,459	15,299 18,223	5,819,835 1,354,868	172		
21 86	13,626 19,330	35 17	12,850 3,540	1 2	180 200	73,494 8,405	6,080 1,350	243 979	67,221 7,025		167,392 22,553	166,136 21,945	1,256 608	349,013 95,000	174		
60	85,918	32	10,189	3	312	12,953	3,542	979	8,432		201,929	196,230	5,699	421,980	176		
441 197	262,724 140,427	313 84	128,037 10,250	6 2	995 350	209,812 31,316	126,522 14,865	7,789 629	68,640 15,572	6,861 350	506,071 68,673	496,642 64,600	9,429 4,073	1,740,878 404,494	177		
131 40	73,817 30,662	148 5	34,440 1,450	2	391	40,400 4,493	18,222 1,940	2,054 272	20,124 2,281		749,643 48,685	739,581 47,609	10,059 1,076	1,194,914 136,108	179		
673	434,495	2	572			52,609	12,084	1,637	18,110	20,178	827,048	823,557	3,491	1,082,937	180		
144 342	80,792 173,087	46 22	14,437 7,494	3 10	493 1,762	17,515 39,301	600 8,872	4,890 2,484	12,025 27,945		120,563 370,387	113,038 300,956	7,525 9,481	269,893 719,154	182		
5,401 526	3,296,773 246,136	8 54	2,692 15,064	23 1	5,181 941	458,361 76,266	247,766 2,509	26,632 59,631	167,721 58,850	18,842 5,876	6,718,629 188,278	6,665,505 128,959	53,124 59,319	13,607,245 713,246	183		
3,844	2,320,611	1,433	562,143	150	23,765	2,266,995	314,758	51,737	661,870	1,178,630	2,901,286	2,798,433	102,853	12,199,580	186		
100 4,066	57,351 3,220,702	60 1,278	28,900 532,912			109,562 8,301,822	14,717 315,707	2,943 97,819	60,142 2,187,148	31,760 701,148	92,043 3,921,665	90,124 3,800,141	1,919 121,524	407,634 16,765,100	187		
5 107	2,203 62,187					299 13,648		155 1,315	144 8,605	1,205	3,349 80,581	3,155 78,782	194 1,799	10,008 252,201	189		
8	4,516	30	10,532	1	150	8,586	4,410	153	3,278	700	29,310	39,169	141	41,171	191		

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
Registers, cash	4	\$40,326			\$11,127	\$29,199	1	10	\$8,374	11	\$6,530
Roofing and roofing materials	158	822,933	\$81,491	\$81,890	130,363	549,189	177	61	58,063	901	481,241
Rubber and elastic goods	70	11,818,650	529,998	1,139,512	2,107,538	8,041,002	63	351	512,389	5,944	2,401,964
Saddlery and harness	433	1,267,531	52,500	91,921	201,668	921,442	449	42	41,233	785	442,986
Sand and emery paper and cloth	3	402,274	26,753	43,073	54,856	277,592	2	20	23,120	100	52,571
Sausage	21	131,305			49,475	31,880	27	6	2,950	126	71,783
Scales and balances	6	42,191	14,550	42,400	12,228	29,963	6	3	4,756	58	38,164
Screws, machine	11	532,412	15,000	35,000	199,947	282,465	9	37	38,466	596	252,304
Sewing machine repairing	20	11,900	750	1,550	4,305	5,385	15	1	1,000	15	10,471
Sewing machines and attachments	8	2,056,385	23,400	103,359	486,427	1,436,199	6	18	71,893	605	430,703
Ship and boat building, wooden	122	1,138,830	221,539	129,878	201,104	586,309	141	51	88,102	1,043	636,686
Shipbuilding, iron and steel	3	1,010,461	122,500	167,388	445,898	274,675	2	20	40,944	563	899,807
Shirts	40	1,434,154	22,550	174,226	139,695	1,097,683	48	68	81,456	1,985	681,590
Shoddy	29	769,294	82,085	188,858	215,885	282,466	29	30	34,336	307	127,715
Show cases	8	18,274			2,732	15,542	11	1	800	33	20,879
Silk and silk goods	20	5,649,758	216,341	756,454	707,345	3,969,618	11	156	227,276	3,110	1,110,324
Silverware	13	2,991,872	26,000	261,785	404,459	2,296,628	15	128	180,932	1,030	609,485
Slaughtering and meat packing, wholesale	11	9,016,672	382,182	2,073,715	1,219,523	4,841,252	8	174	185,130	2,337	1,113,943
Slaughtering, wholesale, not including meat packing	11	2,297,403	300,650	303,300	103,615	1,589,838	13	46	65,166	411	204,184
Smelting and refining, not from the ore	4	37,575	1,700	4,550	2,325	29,000	2	4	3,400	11	6,532
Soap and candles	61	1,761,562	227,264	319,193	263,869	951,236	69	140	156,494	523	234,422
Soda water apparatus	5	2,489,551		29,250	339,744	2,070,557	2	66	61,214	323	239,514
Sporting goods	13	189,719	16,500	39,000	28,204	106,015	13	22	21,404	304	133,161
Springs, steel, car and carriage	3	17,075		2,900	8,000	6,175	3	3		16	8,018
Stamped ware	10	565,603	66,000	119,000	194,268	186,335	9	23	30,429	297	130,235
Starch	5	344,999	20,320	67,300	53,271	195,108	9	21	23,788	65	34,736
Stationery goods, not elsewhere specified	8	57,478	2,700	4,400	8,375	42,003	7	2	1,500	22	9,220
Steam fittings and heating apparatus	23	1,788,879	96,331	292,772	454,266	945,510	24	134	186,041	1,396	849,480
Steam packing	8	132,085	1,688	15,000	30,783	84,614	4	11	12,036	61	32,675
Stencils and brands	17	30,775	450	575	18,310	11,440	17	3	1,398	84	16,836
Stereotyping and electrotyping	11	290,047	2,000	3,500	131,254	158,293	17	44	39,205	315	190,564
Sugar and molasses, refining	7	13,974,045	1,561,512	1,044,729	2,482,549	3,885,255	11	59	107,245	502	952,059
Surgical appliances	21	91,193	1,450	1,550	34,304	53,589	26	13	10,636	194	61,357
Taxidermy	15	58,402	3,700	7,823	4,729	42,150	15	4	2,774	19	10,043
Tinsmithing, coppersmithing, and sheet-iron working	386	2,617,223	167,830	272,917	470,809	1,696,667	440	202	174,022	2,145	1,173,808
Tobacco, cigars and cigarettes	331	2,358,501	122,970	118,950	91,971	2,024,610	370	133	158,576	2,752	1,749,676
Tools, not elsewhere specified	76	8,903,404	104,747	675,345	1,184,096	1,939,216	79	140	174,147	1,983	1,003,632
Toys and games	23	507,037	20,350	68,700	95,685	321,802	28	32	20,807	434	155,560
Trunks and valises	15	144,314	1,100	8,900	14,450	119,864	20	15	13,297	136	64,912
Type founding	4	241,671	1,500	3,500	144,000	92,671	3	20	22,278	194	105,481
Typewriter repairing	7	13,108			1,051	12,057	8	4	520	15	8,925
Typewriters and supplies	3	223,622			104,707	118,915	2	37	22,492	223	118,760
Umbrellas and canes	11	77,225			9,225	68,000	12	23	16,940	83	36,192
Upholstering materials	9	198,880	10,250	33,300	46,254	107,076	10	8	8,820	171	64,927
Varnish	14	358,334	13,900	36,038	54,800	248,596	11	42	44,174	51	31,595
Vinegar and cider	99	891,957	33,020	102,845	117,555	138,537	111	10	6,232	98	40,718
Watch and clock materials	4	95,974	7,500	17,800	33,000	87,674	6	9	8,714	193	72,427
Watch, clock, and jewelry repairing	694	605,940	15,220	24,950	203,261	357,809	697	4	2,612	583	326,386
Whips	31	1,108,349	18,100	55,900	124,616	909,833	35	124	151,874	695	291,890
Window shades	23	141,723	10,500	11,500	20,190	99,533	26	17	7,700	106	58,194
Wire	6	689,215	28,702	80,800	123,400	436,313	4	19	32,650	279	160,698
Wirework, including wire rope and cable	44	2,875,556	154,720	450,554	787,778	1,592,509	37	142	139,472	1,695	736,371
Wood, turned and carved	105	1,060,592	155,631	183,239	337,491	384,231	118	38	33,073	1,048	371,370
Woodenware, not elsewhere specified	11	133,903	18,925	32,750	21,400	65,834	12	6	4,166	155	62,147
Wool hats	4	402,032	17,000	40,000	38,500	306,532	17	17	15,469	541	278,129
Wool scouring	5	354,154	18,750	75,000	166,500	93,904	8	20	44,176	298	145,946
Woolen goods	131	33,195,803	2,357,173	4,693,463	5,706,431	20,469,831	102	438	729,724	17,717	6,823,051
Worsted goods	45	45,790,300	2,988,592	4,539,224	8,585,662	29,676,822	27	503	796,250	18,867	7,055,585
All other industries	86	13,583,213	1,096,823	1,661,947	6,344,425	9,485,013	78	361	562,743	5,829	2,784,743

1 Embraces ammunition, 2; artists' materials, 2; bags, paper, 1; bells, 1; brass, 1; brass and copper, rolled, 2; bronze castings, 2; calcium lights, 1; card cutting and designing, 2; cars, steam railroad, not including operations of railroad companies, 2; cheese and butter, urban dairy products, 1; chocolate and cocoa products, 2; coke, 1; collars and cuffs, paper, 1; crucibles, 2; drug grinding, 1; explosives, 2; fire extinguishers, chemical, 1; fireworks, 2; foundry supplies, 1; furs, dressed, 1; gas and oil stoves, 2; grindstones, 1; hammocks, 2; hardware, saddlery, 1; hat and cap materials, 2; hones and whetstones, 1; hooks and eyes, 2;

TABLE 8.—MANUFACTURES IN CITIES

BOSTON.

1	All industries	7,247	\$143,811,376	\$11,828,389	\$17,376,024	\$33,725,878	\$80,380,485	8,009	8,840	\$9,114,118	72,142	\$39,184,191
2	Artificial limbs	3	8,750			3,750	5,000	4			8	1,800
3	Awnings, tents, and sails	33	193,771	2,000	5,000	171,411		43	34	25,522	220	118,042
4	Bags, other than paper	4	76,500			8,000	68,500	5	6	4,600	78	22,572
5	Baking and yeast powders	6	100,397			6,057	94,340	4	7	9,372	16	8,391
6	Baskets, and rattan and willow ware	3	2,985			475	2,510	3			11	7,010

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
11	\$6,580					\$5,407	\$1,535	\$34	\$2,690	\$1,148	\$4,522	\$4,124	\$398	\$41,718	192
899	480,815			2	\$426	120,363	28,166	4,637	45,076	42,434	973,693	962,869	11,264	2,000,450	193
8,281	1,607,774	2,536	\$779,407	127	14,773	652,989	25,340	105,319	516,980	5,300	8,554,422	8,398,337	156,085	13,885,059	194
763	435,922	21	6,914	1	150	108,665	76,598	6,337	20,725	5,005	901,070	893,057	11,013	1,953,161	195
92	49,963	8	2,608			19,944	400	1,326	18,218		197,113	191,547	5,566	375,556	196
124	71,402	2	331			17,525	7,645	1,255	8,625		550,621	539,773	10,848	710,467	197
57	37,748	1	416			6,393	4,563	252	1,578		27,213	26,040	1,173	81,867	198
518	234,153	68	18,151			51,733	13,516	2,843	35,374		210,154	199,200	10,954	681,175	199
15	10,471					2,977	1,984	124	869		8,771	8,400	371	97,895	200
660	429,174	5	1,529			75,059	2,084	17,363	54,512	1,100	519,784	511,061	8,723	1,403,798	201
1,043	636,686					133,787	21,453	6,772	40,851	64,701	704,439	690,935	13,504	1,760,574	202
563	399,307					97,982	7,904	7,904	82,328		652,966	641,266	11,700	1,296,880	203
235	137,739	1,749	513,651	1	200	192,903	21,107	6,182	118,613	47,001	1,192,703	1,181,708	10,995	2,362,860	204
260	114,492	44	12,794	3	429	50,027	7,368	5,872	37,287		685,123	650,110	26,013	988,189	205
33	20,879					5,873	4,570	114	961	223	20,283	19,311	972	70,946	206
1,102	506,282	1,837	562,989	171	41,053	382,745	13,837	29,583	179,806	160,019	3,823,063	3,785,291	38,672	5,957,532	207
908	576,578	114	31,875	8	1,032	350,410	5,450	21,431	323,479		1,019,368	997,400	21,968	2,499,298	208
2,313	1,107,261	13	3,582	11	3,100	464,526	8,130	61,793	399,603		24,603,698	24,473,112	130,568	27,505,698	209
411	204,134					126,576	7,378	16,084	103,084	30	3,436,371	3,412,671	23,800	4,127,785	210
10	6,282			1	300	1,336	485	275	126	450	116,843	114,752	2,091	136,787	211
428	212,618	83	19,288	12	2,516	129,001	5,680	17,909	105,412		1,609,044	1,574,867	34,177	2,489,815	212
314	236,874	9	2,640			249,978	50,163	16,720	182,295		304,038	295,948	8,090	1,177,185	213
195	99,020	109	84,141			36,506	4,005	2,644	20,707	9,150	232,459	229,172	3,287	517,481	214
15	7,706	1	312			1,449	660	50	739		9,739	7,185	2,551	29,800	215
227	113,489	62	14,737	8	2,009	40,899	6,160	5,140	28,890	1,200	201,501	194,815	7,186	388,753	216
58	32,736	7	2,000			23,708	300	1,996	26,412		259,652	252,563	7,089	390,101	217
16	6,943	6	2,286			6,244	2,258	117	3,869		9,906	9,208	698	54,190	218
1,389	847,636	7	1,844			162,668	26,128	12,179	100,656	23,700	1,206,103	1,174,209	31,894	2,969,697	219
58	31,720	3	955			28,721	3,230	257	15,234	10,000	97,823	95,855	1,968	235,695	220
82	16,236	2	600			7,054	5,050	120	1,184	750	6,828	6,467	361	52,192	221
283	180,631	32	9,933			49,120	20,113	1,414	20,895	6,698	93,687	82,316	11,371	430,962	222
566	346,764	26	5,295			411,754	815	27,133	383,806		19,170,246	19,021,712	145,534	10,626,882	223
84	45,792	48	15,337	2	228	20,841	11,610	681	7,000	1,550	54,526	52,111	2,415	198,566	224
19	10,043					4,285	2,095	165	2,025		19,192	18,991	201	58,096	225
2,078	1,151,604	65	21,777	2	427	269,602	125,011	17,544	105,700	21,347	1,920,733	1,885,408	35,325	4,503,447	226
2,038	1,443,830	700	302,755	14	3,091	594,410	68,905	12,500	512,981	24	1,910,617	1,898,180	12,437	5,298,390	227
1,867	970,067	103	30,565	13	3,000	292,131	19,843	50,158	210,788	11,812	1,142,283	1,081,721	60,567	3,651,055	228
315	133,385	107	21,299	12	876	81,962	5,079	3,126	22,367	1,390	319,258	314,948	4,315	660,992	229
117	59,656	18	4,956	1	300	20,590	10,945	521	9,124		160,599	159,331	1,268	338,537	230
126	75,798	68	29,683			24,433	7,685	889	15,859		146,074	139,178	6,896	383,794	231
15	8,925					2,492	1,475	3	914	100	4,584	4,584		18,691	232
157	94,328	66	24,432			30,783	6,268	231	24,234		67,211	64,533	2,628	329,763	233
29	16,395	54	19,797			8,878	3,066	119	5,693		165,968	165,058	910	272,320	234
89	43,109	82	21,818			18,234	2,800	606	10,328		335,820	331,420	4,400	466,994	235
46	29,995	5	1,600			26,439	5,976	1,828	18,635		274,441	271,046	3,395	500,672	236
98	40,718					13,333	1,635	3,088	8,540	70	163,859	159,984	4,375	349,376	237
84	37,203	109	35,224			2,749	590	463	1,696		26,483	24,978	1,505	125,744	238
514	322,024	11	3,250	8	1,112	189,590	126,487	4,396	29,551	29,146	240,686	239,124	7,562	1,326,953	239
480	228,372	194	58,425	21	5,093	166,810	14,707	6,529	144,799	775	719,423	711,072	8,351	1,651,221	240
66	48,087	40	15,107			12,258	6,708	264	2,686		158,200	150,419	2,781	300,493	241
279	160,598					53,048	7,700	5,956	36,792	2,600	776,450	753,611	22,839	1,122,116	242
1,227	603,651	413	116,926	55	15,694	126,669	11,747	21,524	93,198	200	1,617,605	1,585,986	31,619	3,004,955	243
1,013	364,040	13	3,680	22	3,650	56,313	17,158	5,958	82,426	776	471,430	455,777	15,653	1,158,276	244
144	59,772	6	1,300	5	1,075	11,914	1,760	1,030	8,621	500	81,957	78,355	3,602	219,496	245
382	228,586	144	47,005	15	2,538	97,319	1,200	2,784	93,335		587,902	572,083	15,819	1,103,003	246
297	145,556	1	390			30,569	1,655	3,855	25,559		78,371	61,291	17,080	394,912	247
11,177	4,803,450	5,865	1,838,520	675	131,081	1,745,199	114,538	203,768	1,331,195	90,698	18,273,424	17,706,539	566,885	30,838,104	248
9,880	4,177,429	8,410	2,654,009	1,077	224,147	1,681,861	46,539	186,366	1,362,930	86,026	25,315,707	24,832,058	483,649	40,557,363	249
3,672	2,043,575	2,124	735,350	33	5,818	1,575,714	34,029	166,058	1,373,594	2,033	8,037,590	7,879,663	157,927	14,894,140	250

ink, printing, 2; jute and jute goods, 1; labels and tags, 2; lard, refined, 1; leather board, 2; mats and matting, 1; oil, castor, 1; oil, essential, 1; oilcloth, enameled, 2; ordnance and ordnance stores, 1; pencils, lead, 1; pens, fountain and stylographic, 2; pens, gold, 1; phonographs and graphophones, 1; pocketbooks, 2; printing materials, 2; pulp goods, 2; rules, ivory and wood, 1; safes and vaults, 1; salt, 2; saws, 2; screws, wood, 2; silversmithing, 2; tobacco, chewing, smoking, and snuff, 1; washing machines and clothes wringers, 1; watch cases, 2; watches, 2; windmills, 1; wool pulling, 2.

BY SPECIFIED INDUSTRIES: 1900.

BOSTON.

52,831	\$32,886,426	18,584	\$6,166,107	727	\$131,658	\$23,652,792	\$3,834,456	\$919,161	\$12,262,280	\$6,636,895	\$99,557,019	\$98,028,933	\$1,533,086	\$206,031,767	1
8	1,800					1,485	1,060		425		8,969	3,944	25	11,794	2
150	92,430	70	25,612			26,624	16,870	594	8,260	900	223,479	221,110	2,369	489,576	3
24	11,300	64	11,272			9,993	3,880	481	5,632		187,580	186,360	1,180	235,000	4
10	7,063	6	1,328			8,759	3,650	10	5,199		31,763	31,665	98	51,424	5
11	7,010					791	620	13	158		2,018	2,588	30	14,070	6

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.						Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Number.		Salaries.	Total.		
										Average number.	Wages.	
7 Belting and hose, leather	6	\$170,635	\$1,000	\$8,000	\$23,136	\$137,499	4	18	\$21,750	35	\$23,205	
8 Bicycle and tricycle repairing	89	77,281	600	500	30,062	46,119	93	8	4,132	100	50,610	
9 Bicycles and tricycles	3	23,850			8,400	15,450	6	4	2,000	22	11,438	
10 Billiard tables and materials	7	101,612			4,550	97,062	9	4	6,736	36	23,991	
11 Blacking	13	365,860	12,500	17,500	33,998	301,862	18	62	104,087	220	70,821	
12 Blacksmithing and wheelwrighting	260	469,835	98,752	80,700	98,439	191,944	295	19	13,118	585	391,944	
13 Bookbinding and blank book making	58	899,191	6,000	8,000	349,964	535,227	73	64	57,454	1,281	553,033	
14 Boot and shoe cut stock	13	985,377			58,148	927,229	14	58	64,388	314	160,935	
15 Boot and shoe findings	12	76,501			27,817	48,684	11	10	9,370	97	36,154	
16 Boot and shoe uppers	4	22,250			1,650	20,600	4	2	2,070	8	5,367	
17 Boots and shoes, custom work and repairing.	425	138,284	1,313	2,950	51,477	82,514	429	6	3,300	271	181,032	
18 Boots and shoes, factory product	11	761,681			183,900	577,781	18	143	117,322	2,332	990,575	
19 Bottling	47	1,088,020	33,200	50,100	192,132	803,888	67	87	90,268	408	222,506	
20 Boxes, fancy and paper	23	291,631	6,000	33,000	102,487	150,144	24	37	34,414	718	231,548	
21 Boxes, wooden packing	4	37,325			7,825	29,500	4	4	3,216	55	27,647	
22 Brass castings and brass finishing	23	376,107	95,050	69,051	73,209	138,797	31	16	15,670	214	129,410	
23 Brassware	9	209,864	20,742	48,000	47,663	93,459	12	20	18,500	260	119,724	
24 Bread and other bakery products	251	1,661,099	203,175	480,900	553,585	423,439	262	354	159,740	1,516	777,668	
25 Bridges	8	166,701	16,200	2,100	58,695	89,706	12	10	9,904	197	92,821	
26 Brooms and brushes	16	1,071,302			79,858	991,444	16	42	46,970	618	232,770	
27 Buttons	3	10,300			5,500	4,800	4	2	2,100	14	4,856	
28 Carpentering	425	1,955,722	183,865	184,940	269,565	1,817,352	496	96	79,102	3,014	1,937,990	
29 Carpets, rug	3	2,500			2,110	450	4			6	2,411	
30 Carriage and wagon materials	10	168,716	16,500	14,300	22,452	105,464	15	6	5,570	74	45,098	
31 Carriages and wagons	59	1,668,067	113,150	84,011	111,090	1,359,816	72	34	30,516	581	250,024	
32 Cars and general shop construction and repairs by steam railroad companies	7	1,552,501	590,650	542,900	163,376	255,575		52	49,490	1,278	822,325	
33 Chemicals	5	131,989	6,286	7,714	20,950	97,039	4	16	9,840	22	15,186	
34 China decorating	9	22,465			4,490	17,975	10			10	5,275	
35 Cleansing and polishing preparations	8	58,027	2,500	10,000	4,360	36,167	6	22	17,900	15	6,784	
36 Clocks	3	476,961	40,000	60,000	127,050	249,911	1	18	19,550	61	41,308	
37 Cloth, sponging and refinishing	4	6,100			3,100	3,000	5			14	6,615	
38 Clothing, men's, custom work and repairing.	736	1,959,922	18,125	9,500	150,324	1,781,973	837	228	180,682	2,867	1,475,835	
39 Clothing, men's, factory product	150	3,203,118	450	1,350	128,481	3,072,837	220	276	304,021	2,622	1,174,826	
40 Clothing, men's, factory product, buttonholes.	3	1,554			1,500		3			8	4,333	
41 Clothing, women's, dressmaking	271	533,693	11,800	9,300	85,923	426,670	292	27	15,389	1,883	834,868	
42 Clothing, women's, factory product	88	730,844	2,500	3,300	112,696	612,348	112	86	84,662	1,760	625,137	
43 Coffee and spice, roasting and grinding	16	1,839,305	12,000	30,000	145,288	1,652,017	14	172	244,954	268	181,767	
44 Coffins, burial cases, and undertakers' goods.	4	112,393			11,500	100,893	4	14	13,498	38	19,693	
45 Confectionery	64	1,224,154	50,800	41,200	433,552	698,602	72	167	146,726	1,936	674,141	
46 Cooperage	22	274,678	38,925	44,200	23,390	168,168	22	10	11,600	254	144,048	
47 Cordials and sirups	3	12,273			783	11,490	5	4	2,028	6	2,012	
48 Cork, cutting	4	60,200			17,060	43,140	6	3	4,685	56	19,567	
49 Corsets	8	12,175			3,075	9,100	8			28	13,302	
50 Cotton goods	3	228,684	51,571	13,327	82,533	81,253	2	14	14,258	68	30,375	
51 Cutlery and edge tools	5	85,807	2,000	8,000	13,000	12,807	6	1	750	87	23,766	
52 Dentists' materials	3	27,859			6,506	21,353	3	12	9,450	20	11,444	
53 Druggists' preparations, not including prescriptions.	9	233,740			37,150	196,590	5	49	55,018	51	19,669	
54 Dyeing and cleaning	21	62,630	10,600	20,900	14,370	16,760	25	6	3,830	105	42,625	
55 Dye stuffs and extracts	6	362,618	80,000	18,000	14,300	250,318	5	21	29,100	23	14,206	
56 Electrical apparatus and supplies	23	1,021,862	54,200	81,000	260,796	622,866	16	92	89,244	581	273,407	
57 Electrical construction and repairs	61	431,537	1,000	500	39,618	390,419	64	50	43,825	322	189,679	
58 Electroplating	25	51,801			25,600	26,201	31	1	440	97	54,135	
59 Enameling and enameled goods	4	24,100			11,700	12,400	5	1	2,000	32	21,079	
60 Engraving and diesinking	32	47,215			23,165	24,050	46	10	5,878	59	30,471	
61 Engraving, steel, including plate printing.	29	128,931			32,151	96,780	32	11	17,600	187	129,335	
62 Engraving, wood	11	24,150			5,180	18,970	14			35	22,092	
63 Envelopes	3	59,500			24,000	35,500	1	12	7,500	47	18,390	
64 Fancy articles, not elsewhere specified.	17	297,343			49,444	247,899	17	28	44,440	301	118,788	
65 Fertilizers	4	374,289			35,768	338,521	2	13	14,300	32	16,400	
66 Files	3	9,775	1,000	6,000	1,075	1,075	4	2	780	12	2,854	
67 Fish, canning and preserving	13	200,030	10,000	12,200	9,015	168,815	13	32	31,494	96	49,156	
68 Flavoring extracts	16	415,989	3,550	3,250	26,230	382,959	17	59	84,141	90	41,908	
69 Flouring and grist mill products	3	45,888			19,588	26,300	3	5	2,816	10	4,850	
70 Food preparations	18	392,999	20,000	25,000	80,729	267,270	17	70	142,192	201	103,897	
71 Foundry and machine shop products	197	9,604,392	465,905	730,029	2,081,262	6,327,196	174	573	640,283	4,680	2,641,868	
72 Fruits and vegetables, canning and preserving.	4	82,700			18,000	14,700	7	8	7,100	110	31,796	
73 Fur goods	34	146,249			11,930	134,319	39	23	21,000	206	135,412	
74 Fur hats	3	208,475			29,600	178,975	8	9	13,600	224	112,358	
75 Furnishing goods, men's	8	279,750	6,000	10,000	28,832	234,918	11	38	43,554	391	146,286	
76 Furniture, cabinetmaking, repairing, and upholstering.	160	646,221	430	850	51,701	593,240	177	32	28,994	717	422,626	

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
31	\$22,305	4	\$900			\$9,312	\$1,500	\$572	\$1,270		\$185,676	\$184,495	\$1,181	\$318,395	7
98	50,456			2	\$184	23,886	17,808	135	4,818	\$1,125	53,033	51,710	1,323	195,029	8
22	11,438					2,636	1,600	69	917	50	22,218	21,368	850	62,450	9
35	23,712			1	282	13,692	6,590	316	6,786		36,326	35,767	559	107,250	10
50	29,223	170	41,598			138,631	10,330	3,286	125,015		427,620	423,595	4,025	898,504	11
580	390,403			5	1,481	84,240	68,250	2,729	10,781	2,480	327,892	310,767	17,125	1,171,650	12
517	330,956	741	218,108	23	3,969	132,670	54,581	2,126	23,613	52,350	392,433	380,532	11,901	1,428,683	13
295	153,117	18	7,728	1	150	126,647	28,435	3,902	94,310		2,417,774	2,413,132	4,642	3,120,039	14
36	19,112	61	17,042			12,468	5,995	303	6,170		116,670	114,747	1,932	236,516	15
8	5,367					843	748		95		52,920	52,865	55	67,910	16
259	128,516	4	1,460	8	1,656	80,703	70,038	384	8,604	1,677	169,240	165,740	3,509	623,408	17
1,259	627,810	1,038	364,325	35	7,440	155,550	30,507	8,448	115,837	758	2,408,813	2,392,293	16,520	3,882,655	18
390	218,218	15	3,738	3	550	181,402	47,816	17,709	114,677	1,200	1,765,356	1,756,232	10,104	2,795,010	19
165	92,824	547	137,691	6	1,033	51,106	29,535	3,955	17,566		249,846	244,335	5,511	687,256	20
55	27,647					3,687	2,320	198	1,369		70,237	69,717	520	115,673	21
213	129,182			1	228	24,955	14,818	2,125	7,862	150	244,008	231,887	12,121	478,794	22
176	98,191	84	21,539			14,178	5,514	1,689	6,975		121,892	117,306	4,576	341,920	23
1,101	608,564	395	105,565	20	3,534	298,911	120,058	10,873	167,980		2,601,881	2,546,704	55,177	4,566,953	24
197	92,321					12,454	1,150	414	10,890		140,082	137,404	2,678	295,802	25
269	136,951	321	92,345	28	4,374	50,914	20,083	7,971	22,860		776,634	771,818	4,821	1,265,367	26
2	1,536	12	3,320			1,774	1,500	49	225		4,347	4,238	109	18,862	27
3,008	1,936,515			6	1,385	1,208,193	36,851	7,062	67,563	1,046,717	2,494,071	2,465,652	28,419	6,879,632	28
5	2,114	1	300			890	720		170		730	600	130	7,000	29
74	45,098					16,938	7,498	800	8,640		94,457	91,899	2,558	224,300	30
581	250,024					87,531	46,939	6,925	26,623	7,044	370,111	354,454	15,657	1,127,071	31
1,275	821,278	8	1,017			19,304			19,304		772,832	750,248	22,584	1,608,951	32
22	15,186					11,050	1,010	692	9,318		154,405	150,958	3,447	209,623	33
6	4,025	4	1,250			3,033	2,180	10	743	100	24,608	24,485	123	43,150	34
9	5,264	6	1,600			16,225	1,085	640	14,500		31,823	31,087	736	129,151	35
56	38,058	5	3,250			9,505	800	2,118	6,587		22,716	21,027	1,689	134,190	36
14	6,615					2,169	1,810	14	345		560	100	460	17,500	37
1,862	1,099,222	944	364,401	61	12,212	905,947	316,644	9,366	139,723	440,214	2,117,812	2,102,242	15,670	6,275,032	38
1,203	768,240	1,412	405,316	7	1,270	1,397,989	128,562	26,613	162,795	1,080,019	4,253,905	4,236,466	17,439	8,601,431	39
8	2,570	5	1,768			495	336	3	156		643	496	147	8,044	40
274	192,617	1,605	641,584	4	667	137,166	137,381	2,556	27,569	19,660	860,357	856,955	3,402	2,567,633	41
298	183,053	1,434	437,634	28	4,450	213,659	66,890	4,737	107,987	34,045	1,764,399	1,752,665	11,734	3,258,483	42
162	149,558	106	35,200			229,354	29,025	9,791	190,535		2,772,083	2,753,065	19,018	3,696,544	43
32	17,587	6	2,106			16,019	3,932	1,943	10,144		85,007	84,191	873	165,600	44
561	380,049	1,200	282,758	85	11,334	282,159	105,638	12,805	161,721	2,000	2,727,498	2,702,088	25,410	4,455,184	45
253	143,748	1	300			29,397	3,317	1,537	24,543		328,883	325,173	3,710	607,900	46
2	1,680	4	332			3,813	2,620	30	1,263		12,027	11,847	130	25,711	47
37	15,767	19	3,800			5,156	2,480	150	2,526		35,461	34,511	950	85,510	48
1	400	27	12,902			4,488	2,688	30	1,770		11,269	11,180	89	43,785	49
35	21,278	33	9,097			8,358	1,132	740	3,705	2,776	147,288	144,228	3,060	212,005	50
37	23,766					3,563	2,225	283	1,005	50	10,929	9,455	1,474	50,619	51
20	11,444					13,238	2,969		10,269		27,705	27,202	503	92,500	52
29	13,163	20	6,206	2	300	33,512	13,113	1,051	19,348		128,155	127,604	551	271,951	53
43	25,007	62	17,618			12,896	6,617	402	3,852	2,025	11,491	9,413	2,078	123,946	54
22	13,606	1	600			10,758	3,156	727	6,870		960,342	959,459	883	1,089,325	55
457	240,403	120	32,520	4	484	89,961	22,162	4,167	60,652	2,970	577,072	592,029	15,043	1,274,435	56
321	189,389	1	290			37,181	14,878	347	19,620	2,336	354,437	353,119	1,318	753,260	57
90	52,160	8	1,183	4	792	13,341	10,661	214	1,966	500	19,409	16,912	2,497	120,017	58
32	21,079					2,976	2,144	5	827		12,509	9,522	2,987	56,250	59
49	27,721	10	2,750			24,181	8,245	128	3,338	12,470	17,222	15,843	1,374	132,443	60
137	111,794	47	16,885	8	656	40,594	12,177	448	27,529	440	60,532	58,707	1,825	943,200	61
84	21,676	1	416			7,661	2,680	46	940	3,995	4,624	4,362	262	49,522	62
10	6,100	37	12,290			6,213	2,800	263	3,150		51,815	51,135	680	96,384	63
112	67,152	188	51,416	1	220	35,556	15,158	1,372	16,526	2,500	423,092	422,289	803	753,800	64
32	16,400					23,639	4,126	3,677	15,836		239,327	237,523	1,804	305,630	65
12	2,854					940	480	100	60	800	662	342	320	7,476	66
81	45,006	15	4,150			13,151	7,167	724	5,260		553,645	551,827	1,818	725,785	67
62	31,780	28	10,128			50,042	18,352	2,461	29,229		888,518	885,904	2,614	767,430	68
10	4,850					4,506	2,230	225	2,350		63,878	62,738	1,090	85,094	69
140	84,153	59	19,181	2	563	306,194	17,797	3,356	284,711	300	366,073	374,796	11,247	1,182,415	70
4,646	2,631,071	29	9,973	5	824	696,010	182,065	50,632	395,427	67,886	3,712,975	3,591,112	121,863	9,371,923	71
44	16,946	66	14,850			6,925	4,555	370	2,000		350,329	347,185	3,144	466,110	72
79	69,090	127	66,322			29,269	16,799	471	8,874	3,125	236,702	236,180	522	567,299	73
130	81,300	37	29,906	7	1,092	33,331	9,500	834	16,047	6,900	198,987	196,267	2,720	395,683	74
65	27,763	325	118,347	1	176	53,846	9,441	1,264	42,641		504,495	502,352	2,143	812,634	75
575	365,971	138	55,932	4	702	97,015	61,316	2,687	24,762	8,360	703,695	699,371	4,324	1,619,143	76

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
77	Furniture, factory product	50	\$1,248,021	\$36,500	\$29,867	\$134,625	\$1,047,029	58	120	\$140,003	1,032	\$614,174
78	Galvanizing	3	19,160			8,560	15,600	3			11	7,116
79	Gas and lamp fixtures	8	210,666			101,200	139,466	11	26	21,500	153	95,994
80	Gas, illuminating and heating	6	18,813,511	2,316,933	4,701,872	10,141,232	1,653,974	158	158	168,557	513	308,591
81	Gas machines and meters	5	384,197			36,539	347,658		14	21,404	164	101,793
82	Glass, cutting, staining, and ornamenting.	15	92,728	600	2,200	14,899	75,029	22	17	12,542	97	65,284
83	Gloves and mittens	5	71,000			7,000	64,000	7	4	1,500	138	63,126
84	Gold and silver, leaf and foil	4	27,150			4,650	22,500	4	1	1,196	70	36,970
85	Grease and tallow	6	1,101,784	212,539	591,934	149,191	148,120	5	11	19,825	142	77,944
86	Hairwork	20	37,195			4,995	32,200	22	1	900	54	20,055
87	Hand stamps	10	21,714			9,937	11,777	12	5	2,332	26	13,510
88	Hardware	5	96,146			17,736	78,410	9	6	5,126	89	40,006
89	Hats and caps, not including fur hats and wool hats.	81	337,690			64,015	273,575	89	86	44,440	485	222,646
90	Hosiery and knit goods	9	134,765	200	1,300	53,815	79,450	5	19	17,396	442	110,380
91	House furnishing goods, not elsewhere specified.	4	5,740			500	5,240	2	10	970	15	6,049
92	Instruments, professional and scientific.	9	61,073			14,599	46,474	7	10	8,700	39	22,809
93	Ironwork, architectural and ornamental.	11	278,040	45,600	20,000	52,950	159,490	12	20	23,637	272	162,051
94	Japaning	4	5,190			2,150	3,040	4			11	4,700
95	Jewelry	16	265,866			62,113	203,253	20	16	15,950	196	107,294
96	Jewelry and instrument cases	3	9,800	2,000	500	4,500	2,800	6			25	6,731
97	Lamps and reflectors	7	33,364			13,654	19,710	8	11	10,194	59	34,812
98	Lapidary work	3	28,100			4,900	18,200	2	6	3,070	17	10,300
99	Lead, bar, pipe, and sheet	3	910,179	200,000	135,000	141,182	433,997	28	28	39,850	93	60,853
100	Leather goods	6	48,679			18,751	29,928	6	5	5,650	93	28,929
101	Leather, tanned, curried, and finished.	6	55,320	1,200	3,500	19,200	31,420	9	2	1,650	97	44,707
102	Liquors, malt	25	12,228,651	1,614,601	4,357,469	2,865,920	3,390,651	5	227	463,719	1,261	1,007,770
103	Lithographing and engraving	13	133,452			96,502	36,950	13	13	10,690	113	65,209
104	Lock and gun smithing	73	74,986		2,000	29,013	43,973	65	2	1,290	69	37,001
105	Looking-glass and picture frames	49	229,848	5,000	5,000	15,388	204,460	60	32	24,585	149	86,739
106	Lumber and timber products	3	402,500	62,000	77,500	45,000	218,000	7	11	12,000	92	51,028
107	Lumber, planing mill products, including sash, doors, and blinds.	32	1,118,221	83,847	61,900	138,780	833,694	38	51	60,462	583	349,782
108	Marble and stone work	31	1,528,199	457,790	235,050	284,342	551,017	46	51	52,089	784	463,496
109	Masonry, brick and stone	104	565,531	44,900	41,425	99,480	379,726	118	64	60,833	1,535	963,723
110	Mattresses and spring beds.	17	263,147			31,454	231,693	18	67	53,556	360	156,446
111	Millinery and lace goods	18	151,232			30,578	120,654	21	30	22,010	319	152,499
112	Millinery, custom work	100	474,091	6,500	10,500	59,229	397,862	200	73	47,259	737	337,802
113	Mineral and soda waters	23	963,995	27,400	29,300	95,045	212,250	27	27	33,516	151	79,310
114	Mirrors	6	118,900	400	2,000	21,501	89,999	6	12	5,808	66	35,581
115	Models and patterns	27	64,846	1,100	1,650	25,025	37,071	33			100	65,762
116	Monuments and tombstones	13	189,693	19,150	13,711	30,233	76,549	14	4	3,180	66	40,882
117	Mucilage and paste	6	141,039	24,000	6,000	19,200	91,839	8	7	12,100	26	15,633
118	Musical instruments and materials, not specified.	18	116,833			16,650	100,183	21	8	8,050	148	85,014
119	Musical instruments, organs and materials.	4	111,738			9,251	102,487	6	9	6,600	112	86,621
120	Musical instruments, pianos and materials.	17	4,071,544	512,191	473,201	344,692	2,736,480	12	96	162,477	1,219	816,539
121	Oil, not elsewhere specified	4	212,584	25,000	40,000	34,369	113,215	8	13	11,517	50	29,555
122	Optical goods	21	85,355	1,500	7,500	17,000	59,355	27	12	8,474	59	35,910
123	Painting, house, sign, etc	333	537,473	29,700	36,378	120,594	350,801	339	63	41,035	1,690	1,045,084
124	Paints	9	284,538	7,000	11,000	43,075	218,463	9	28	34,948	69	37,451
125	Paper goods, not elsewhere specified	6	90,579			14,351	76,228	6	11	11,461	41	19,164
126	Paper hanging	26	72,192	200	100	1,372	70,020	32	4	2,904	129	61,701
127	Patent medicines and compounds	68	718,552	39,400	56,500	68,721	563,928	70	126	119,189	259	115,805
128	Paving and paving materials	9	314,058	1,400	6,000	52,504	254,154	12	28	43,138	349	206,155
129	Perfumery and cosmetics	8	53,970			3,570	50,400	8	3	3,124	31	17,340
130	Photographic materials	7	70,417	1,000	3,000	43,535	22,882	6	9	7,152	34	19,852
131	Photography	105	385,850	8,000	11,500	205,776	160,574	112	42	27,456	362	198,588
132	Photolithographing and photoengraving.	15	134,026			45,725	88,301	17	32	22,266	225	147,587
133	Pickles, preserves, and sauces	14	445,050			49,400	395,650	11	69	52,939	159	71,529
134	Pipes, tobacco	4	78,200			6,900	71,300	6			41	30,462
135	Plastering and stuccowork	32	287,874	20,000	55,000	54,570	158,304	48	25	24,830	321	197,204
136	Plumbers' supplies	4	191,100			29,000	162,100		18	25,554	91	49,205
137	Plumbing, and gas and steam fitting	310	1,174,430	50,429	56,825	134,270	933,406	366	139	96,787	1,729	1,089,438
138	Pottery, terra cotta, and fire-clay products.	7	315,894	67,000	71,100	18,365	159,429	6	20	13,083	155	67,435
139	Printing and publishing, book and job.	280	5,870,499	206,900	75,900	2,079,791	3,507,908	303	708	582,807	3,077	1,663,282
140	Printing and publishing, music	9	294,835			135,142	156,693	6	45	48,137	160	86,251
141	Printing and publishing, newspapers and periodicals.	129	5,303,722	546,560	301,310	1,441,894	3,013,958	87	1,470	1,464,617	2,314	1,972,642
142	Refrigerators	9	139,709	19,500	26,100	17,350	76,769	16				
143	Regalia and society banners and emblems.	9	17,072			5,262	11,810	12	7	5,912	92	52,587
144	Roofing and roofing materials	50	325,589	25,221	18,355	47,490	234,528	55	30	26,736	356	195,737
145	Rubber and elastic goods	20	2,873,889	119,620	119,000	175,402	1,956,867	23	101	160,196	1,273	581,154
146	Saddlery and harness	31	488,027	8,100	3,550	126,195	350,182	38	20	26,933	222	133,185

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
952	\$583,018	79	\$31,032	1	\$124	\$795,491	\$74,318	\$8,866	\$98,687	\$613,620	\$993,228	\$973,597	\$19,631	\$2,849,734	77
11	7,116					2,038	680	87	1,316		13,718	12,878	840	32,150	78
146	93,891	2	1,050	5	1,050	36,694	10,880	864	24,950		115,935	112,559	3,376	322,364	79
510	306,719	3	1,872			553,754		155,193	398,561		781,270	727,869	53,901	2,729,210	80
168	99,828	8	1,248	3	717	19,866	7,460	628	11,778		119,151	116,884	2,267	282,307	81
93	64,028	4	1,256			22,167	14,098	685	7,434		41,143	39,372	1,771	197,765	82
47	34,163	91	28,963			5,142	2,730	260	1,152	1,000	101,390	100,655	735	230,260	83
87	23,320	32	13,500	1	150	2,085	1,500	88	552		57,346	57,009	337	108,850	84
142	77,944					48,412	180	6,068	42,104		338,859	324,809	13,990	575,779	85
5	3,050	48	10,875	1	130	14,992	12,659	146	2,187		22,979	22,890	89	100,150	86
23	12,690	1	520	2	300	5,978	3,808	48	1,230	889	6,785	6,421	364	43,942	87
73	36,184	2	762	14	8,060	11,255	6,130	446	4,669	10	55,276	52,595	2,681	123,044	88
243	151,323	238	70,491	4	832	57,706	24,324	2,374	29,908	1,100	446,862	440,909	5,953	1,028,920	89
21	10,827	363	88,002	53	11,551	18,920	6,767	657	6,996		107,142	105,339	1,803	283,816	90
5	2,583	9	8,166	1	300	1,785	880	30	875	4,500	16,300	15,150	150	32,362	91
85	21,049	4	1,760			16,649	4,998	406	5,045	6,200	47,113	46,611	502	158,219	92
272	162,051					29,705	9,313	2,360	6,982	11,050	347,634	340,261	7,373	666,273	93
11	4,700					2,207	2,000	25	182		1,717	1,361	356	13,319	94
148	95,430	47	11,664	1	200	32,359	13,714	2,219	9,251	7,175	200,186	199,113	1,073	463,590	95
10	3,492	15	3,239			1,406	504	65	837		6,410	6,110	300	20,178	96
53	32,658	6	2,154			10,265	4,152	320	5,793		27,657	26,811	846	101,461	97
17	10,300					8,651	1,350	25	1,276	1,000	29,677	26,277	400	50,460	98
93	60,858					47,862	150	11,666	36,046		785,523	776,687	8,839	970,429	99
46	17,795	47	11,134			3,232	3,232	175	1,550		68,870	67,357	1,613	130,500	100
97	44,707					7,340	4,550	262	2,528		166,753	162,508	4,245	227,401	101
1,251	1,003,785	10	3,985			3,173,536		87,042	3,085,496	998	1,796,230	1,645,551	150,679	7,518,698	102
98	60,785	14	5,316	1	168	16,857	10,175	351	6,131	200	58,834	56,667	2,267	209,896	103
66	36,321	2	488	1	192	21,389	16,956	212	3,641	580	38,916	36,416	2,500	159,959	104
147	85,576	2	1,163			39,709	28,350	2,676	8,433	250	218,724	216,949	1,775	484,304	105
92	51,023					10,848		3,467	7,881		188,411	187,211	1,200	322,180	106
587	349,442			1	340	79,733	24,790	3,426	46,017	500	339,249	326,614	12,635	1,667,127	107
784	463,496					73,961	17,066	7,574	49,221	100	488,828	464,073	19,755	1,327,828	108
1,534	963,523			1	200	1,170,912	15,473	2,340	68,849	1,084,245	2,376,013	2,371,458	4,545	4,976,230	109
234	116,582	126	39,884			81,591	42,280	1,644	37,667		608,549	600,908	7,641	1,037,811	110
55	47,301	263	104,978	1	220	28,947	14,493	264	9,190		369,219	367,463	1,756	716,001	111
82	22,215	690	312,897	15	2,690	143,415	123,776	2,042	17,597		784,400	781,101	3,299	1,748,048	112
151	79,310					110,442	16,520	3,437	89,835	1,600	159,635	155,082	4,553	476,678	113
66	35,581					5,222	2,596	67	2,559		92,818	90,978	2,840	186,967	114
98	64,762	2	1,000			14,015	9,375	233	3,657	750	23,451	21,085	2,366	164,467	115
66	40,382					6,689	2,215	959	2,837	678	43,391	41,869	1,622	123,790	116
24	15,283	2	400			10,402	4,650	702	5,050		227,497	223,972	3,525	321,260	117
145	84,390	3	624			16,728	8,110	239	8,374		80,605	75,153	2,452	237,258	118
109	85,550	3	1,071			10,226	5,000	340	4,386		41,613	39,186	2,427	197,928	119
1,168	799,228	51	17,811			299,600	26,885	18,058	197,707	57,000	897,853	879,794	17,559	2,641,523	120
50	29,565					31,711	3,489	1,002	27,220		648,266	645,044	3,222	845,144	121
55	34,839	3	850	1	221	17,019	10,644	240	5,315	820	107,221	105,262	1,959	232,318	122
1,682	1,042,816	4	1,412	4	856	111,216	60,678	1,815	29,537	19,126	594,416	561,654	2,862	2,352,789	123
63	35,438	6	2,010			35,906	11,910	1,205	22,731		311,103	304,798	6,305	476,778	124
23	16,028	13	3,133			13,250	4,459	331	12,960	500	81,005	80,918	687	155,281	125
128	91,358	1	343			18,602	7,889	217	8,496	2,600	112,599	112,444	155	205,603	126
140	74,798	119	41,007			499,441	28,772	6,860	460,609	3,200	802,352	796,470	5,882	1,980,191	127
349	206,155					47,496	4,897	1,468	27,070	14,061	220,820	216,654	4,166	626,306	128
13	10,370	17	6,790	1	180	20,475	3,854	140	16,481		74,905	74,598	307	148,333	129
28	18,540	3	1,000	3	312	7,554	2,482	167	4,885		25,900	23,726	2,174	77,983	130
225	139,724	133	58,125	4	689	92,239	51,893	4,324	34,892	1,130	230,961	228,412	2,549	755,233	131
189	136,987	34	10,250	2	350	30,530	14,325	513	15,342	350	66,937	62,975	3,962	390,744	132
80	51,280	78	20,099	1	150	26,636	14,608	1,470	10,558		578,087	570,089	7,998	881,756	133
36	29,012	5	1,450			4,457	1,940	264	2,253		45,931	45,080	851	129,500	134
319	196,632	2	572			27,400	10,185	1,004	11,238	4,978	160,070	147,989	2,081	515,087	135
89	48,789			2	416	22,580	4,460	1,185	16,895		71,775	69,855	2,420	202,200	136
1,721	1,087,836			8	1,602	152,458	85,777	3,911	55,272	7,498	2,236,320	2,221,205	15,615	4,423,141	137
137	62,388	18	5,047			36,456	1,951	2,950	20,760	4,795	48,758	33,633	15,125	196,540	138
2,232	1,331,923	757	318,339	88	13,020	1,723,386	231,007	33,523	415,893	1,042,913	1,752,274	1,691,332	60,942	8,188,215	139
100	57,351	60	28,900			109,562	14,717	2,943	60,142	81,760	92,043	90,124	1,919	407,684	140
1,736	1,720,831	542	244,170	36	7,641	2,380,621	184,778	64,344	1,498,916	637,688	2,051,233	1,994,527	56,706	10,490,646	141
92	52,587					11,869	2,205	1,244	7,215	1,205	69,603	67,942	1,666	222,301	142
6	3,016	12	5,157	1	150	4,718	3,180	116	722	700	22,094	22,013	81	52,225	143
356	195,737					74,182	15,240	1,739	15,011	42,142	326,112	321,633	4,479	807,592	144
789	384,862	483	145,197	6	1,095	189,429	15,830	38,120	132,679	5,300	1,861,679	1,835,491	26,188	3,139,733	145
218	131,510	6	1,675			35,076	27,719	1,152	5,205	4,000	157,657	155,805	2,352	497,503	146

TABLE 8.—MANUFACTURES IN CITIES

BOSTON—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
147 Sausage	7	\$37,639	\$3,900	\$10,500	\$17,525	\$5,714	9	3	\$1,300	25	\$12,988
148 Scales and balances	4	29,991			10,028	19,963	4	3	4,756	37	28,504
149 Screws, machine	3	43,032			32,232	10,800	1	4	3,820	51	24,393
150 Sewing machine repairing	6	4,775			2,300	2,475	6			4	2,420
151 Ship and boat building, wooden	30	643,760	129,777	44,781	114,195	355,007	34	26	20,510	653	415,417
152 Shirts	14	118,826			8,525	110,301	15	7	4,170	204	71,180
153 Show cases	7	15,674			1,932	13,742	10			27	17,877
154 Silk and silk goods	4	37,877			12,900	24,977	4	8	9,450	111	27,188
155 Slaughtering, wholesale, not including meat packing	5	28,915			1,625	27,290	8	3	2,548	21	16,270
156 Soap and candles	13	347,810	35,900	75,500	75,954	160,456	13	23	25,058	126	62,698
157 Soda water apparatus	4	2,486,201		29,250	389,304	2,067,557	2	65	59,914	310	233,154
158 Sporting goods	3	4,300			750	3,550	4	1	750	7	3,236
159 Stamped ware	4	109,474	30,000	20,000	40,546	18,928	6	4	5,248	140	51,086
160 Stationery goods, not elsewhere specified	4	49,378	1,000	1,200	7,425	39,753	3	2	1,500	10	4,921
161 Steam fittings and heating apparatus	20	1,718,914	80,331	274,772	449,981	913,830	17	130	183,141	1,365	830,685
162 Steam packing	4	14,779			10,560	4,219	3	6	6,200	27	17,010
163 Stencils and brands	10	19,005			12,050	7,555	11	2	798	26	13,102
164 Stereotyping and electrotyping	8	261,547			117,254	144,293	11	44	39,205	277	175,233
165 Sugar and molasses, refining	3	13,346,859	1,492,716	953,229	2,300,919	8,599,965	2	45	86,957	483	269,409
166 Surgical appliances	15	71,693			28,554	43,139	21	11	9,786	116	50,082
167 Taxidermy	4	15,035			280	14,805	5	2	974	12	6,229
168 Tinsmithing, coppersmithing, and sheet-iron working	138	1,369,727	53,967	58,567	246,103	1,011,090	157	126	119,776	1,228	705,000
169 Tobacco, cigars and cigarettes	107	1,804,711	22,200	47,300	45,511	1,189,700	130	83	104,151	1,780	1,207,351
170 Tools, not elsewhere specified	11	368,063	10,000	23,646	148,967	185,450	12	17	15,203	164	84,210
171 Toys and games	3	3,000			700	2,300	4			2	614
172 Trunks and valises	11	119,989		5,000	12,400	102,589	17	13	11,097	115	57,972
173 Type founding	3	220,500			137,000	83,500	3	20	22,278	189	102,481
174 Typewriter repairing	6	12,793			986	11,807	2	4	520	13	7,875
175 Umbrellas and canes	9	71,900			8,100	63,800	9	23	16,940	74	32,604
176 Upholstering materials	3	14,000			4,000	10,000	4	3	2,000	41	11,855
177 Varnish	7	160,047		2,000	22,632	135,415	5	22	22,931	23	14,376
178 Watch, clock, and jewelry repairing	201	199,707	1,500	1,500	59,075	128,632	210	3	1,372	200	127,961
179 Window shades	12	22,265			3,190	19,075	11	1	390	48	32,341
180 Wirework, including wire rope and cable	9	41,204			7,699	33,505	10	5	1,528	63	32,171
181 Wood, turned and carved	28	183,340	6,000	17,075	35,955	124,310	31	15	14,600	102	59,050
182 All other industries	90	12,163,668	816,748	1,318,735	2,148,279	7,884,906	89	360	451,643	3,365	1,628,956

¹ Embraces agricultural implements, 1; artificial feathers and flowers, 2; artists' materials, 1; babbitt metal and solder, 2; belting and hose, linen, 1; belting and hose, rubber, 1; bluing, 2; boxes, cigar, 2; brick and tile, 1; card cutting and designing, 2; carpets and rugs, other than rag, 1; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 2; chocolate and cocoa products, 2; cordage and twine, 1; cotton waste, 1; drag grinding, 1; dyeing and finishing textiles, 2; firearms, 1; flags and banners, 2; furs, dressed, 1; glue, 2; grindstones, 1; hand knit goods, 1; hat and cap materials, 1; ink, printing, 1; ink, writing, 2; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel forgings, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 2; kaolin and other earth grinding, 2; kindling wood, 2; labels and tags, 1;

BROCKTON.

1 All industries	428	\$10,193,688	\$447,562	\$766,755	\$1,685,551	\$7,393,820	491	631	\$654,785	10,986	\$6,166,462
2 Bicycle and tricycle repairing	15	10,035		200	5,585	4,250	18			8	4,806
3 Blacking	4	21,447	546	2,000	2,509	16,892	6			16	6,339
4 Blacksmithing and wheelwrighting	20	67,153	33,050	15,200	6,225	13,588	20	1	3,028	94	21,050
5 Boot and shoe cut stock	10	224,687	14,400	9,600	23,398	177,289	12	11	6,443	193	74,180
6 Boot and shoe findings	18	562,003	41,700	64,117	54,251	401,935	19	38	28,231	430	198,285
7 Boots and shoes, custom work and repairing.	15	4,555			2,740	1,815	15			7	2,918
8 Boots and shoes, factory product	52	6,215,591	154,550	365,170	659,375	5,066,496	58	363	417,573	8,498	4,856,509
9 Boxes, fancy and paper	4	135,920	19,300	21,800	26,500	69,320	6	13	10,500	180	75,962
10 Bread and other bakery products	11	47,315	11,400	15,200	6,070	14,675	11	30	16,400	37	24,481
11 Carpentering	29	132,805	5,440	7,250	13,300	106,755	38	2	382	182	111,462
12 Carriages and wagons	9	20,086			3,180	16,906	14			15	9,251
13 Clothing, men's, custom work and repairing.	20	29,705			2,835	26,870	22	1	600	72	40,721
14 Clothing, women's, dressmaking	17	5,293	125	810	1,790	2,568	17			31	9,503
15 Confectionery	5	119,094	27,233	19,967	24,490	47,404	5	29	19,915	76	22,645
16 Cutlery and edge tools	7	23,550		300	11,000	12,250	9	1	720	29	18,062
17 Electrical construction and repairs	3	8,491		300	2,300	5,891	5	2	1,800	11	6,045
18 Flouring and grist mill products	3	22,030	3,500	4,500	5,500	8,500	4	5	425	5	2,336
19 Foundry and machine shop products	16	280,997	30,300	37,200	65,750	137,347	22	15	18,098	125	87,000
20 Furniture, cabinetmaking, repairing, and upholstering.	4	1,015			515	500	4			5	4,044
21 Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	97,079	2,864	23,449	45,423	25,943	5	4	2,914	59	26,702
22 Laths	3	257,603	19,721	67,325	34,296	136,261	4			124	87,609
23 Masonry, brick and stone	14	35,965	3,500	2,845	6,590	23,080	15	11	15,004	46	29,556
24 Millinery, custom work	21	36,780			845	35,935	22			34	11,527
25 Models and patterns	5	6,808			2,731	4,077	7	3	1,940	15	8,512
26 Painting, house, sign, etc	31	99,601	4,133	6,487	6,312	82,669	42	5	2,893	115	70,585

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOSTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
24	\$12,832	1	\$156			\$6,973	\$5,085	\$173	\$1,715		\$49,755	\$47,541	\$2,214	\$99,892	147
36	28,088	1	416			4,420	3,538	84	798		12,783	11,910	873	55,717	148
41	22,818	10	1,575			4,586	2,581	217	1,735		26,797	25,805	992	63,741	149
4	2,420					1,469	876		593		3,939	3,900	39	13,320	150
658	415,417					102,144	13,945	3,310	31,064	\$53,825	451,779	443,015	8,764	1,120,763	151
11	7,363	192	63,617	1	\$200	53,523	13,110	417	4,738	35,258	246,478	245,398	1,080	459,602	152
27	17,877					5,489	4,420	80	761	228	17,608	16,786	822	61,971	153
17	6,881	91	19,940	3	358	7,083	3,142	121	2,820	1,000	31,030	30,292	738	83,407	154
21	16,270					9,235	4,320	190	4,725		896,855	896,855		988,010	155
122	61,762			4	936	18,630	1,927	2,727	13,976		366,538	355,044	11,494	511,664	156
302	230,814	8	2,340			215,528	48,963	16,645	179,920		296,923	290,333	6,590	1,156,685	157
6	3,020	1	216			2,850	1,590		700	560	9,712	9,700	12	20,000	158
87	40,269	51	10,401	2	416	9,172	3,700	269	5,203		41,568	39,888	1,680	139,328	159
8	4,021	2	900			5,847	2,078	25	3,744		2,698	2,145	553	29,190	160
1,358	828,841	7	1,844			161,416	25,984	11,381	100,351	23,700	1,143,827	1,112,988	30,839	2,876,327	161
27	17,010					6,741	2,036		4,705		19,780	19,508	272	113,250	162
25	12,702		400			5,753	4,244	59	850	600	4,538	4,348	190	85,550	163
262	169,574	15	5,659			48,022	19,573	1,208	20,543	6,698	88,506	78,011	10,495	443,096	164
463	265,214	20	4,195			277,505	200	23,194	254,111		15,281,923	15,180,124	101,799	15,746,547	165
71	36,242	42	18,612	2	228	16,987	10,840	560	4,437	1,150	44,296	42,196	2,100	166,189	166
12	6,229					2,216	1,036	25	1,155		2,768	2,745	13	21,300	167
1,189	692,240	39	12,811			179,999	86,167	8,881	65,759	19,192	1,097,326	1,077,340	19,986	2,604,531	168
1,368	1,022,561	409	184,137	3	653	364,558	40,452	6,172	317,934		1,224,424	1,220,570	3,854	3,504,603	169
123	70,722	41	7,488			49,157	3,548	1,075	34,517	10,017	131,085	121,298	9,737	372,447	170
2	614					1,535	1,180	21	334		1,576	1,450	126	4,600	171
101	53,716	13	3,956	1	300	16,332	10,330	308	5,691		136,899	135,769	1,130	292,392	172
121	72,798	68	29,683			24,133	7,685	789	15,659		85,211	78,465	6,746	306,544	173
13	7,875					2,343	1,330	3	910	100	3,549	3,549		15,591	174
25	14,454	49	18,150			7,977	2,730	114	5,133		158,275	157,405	870	259,320	175
3	878	38	10,977			2,727	1,700	53	974		29,040	28,690	350	65,500	176
22	13,976	1	400			16,613	4,810	1,183	10,620		128,906	127,186	1,720	241,987	177
190	125,719	7	1,984	3	258	84,985	46,309	679	10,454	27,543	82,038	80,059	2,039	493,672	178
41	29,774	7	2,567			5,339	4,221	22	896	200	81,308	80,890	418	143,869	179
55	29,184	4	1,840	4	1,147	7,636	4,550	39	2,847	200	23,621	22,752	869	82,998	180
102	59,050					15,277	5,927	987	8,363		75,490	71,348	4,142	203,357	181
2,087	1,248,371	1,199	364,337	79	16,248	1,311,173	73,930	100,772	1,105,275	31,196	8,107,421	7,915,378	162,043	13,135,658	182

lime and cement, 2; linen goods, 1; liquors, distilled, 2; nets and seines, 1; oil, castor, 1; paper and wood pulp, 1; paper hangings, 2; pens, fountain and stylographic, 1; photographic apparatus, 1; printing materials, 2; pulp goods, 1; registers, cash, 2; rules, ivory and wood, 1; sewing machine attachments, 2; shipbuilding, iron and steel, 2; shoddy, 1; silversmithing, 1; silverware, 1; slaughtering and meat packing, wholesale, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 2; starch, 2; typewriters and supplies, 1; vinegar and cider, 1; watch cases, 1; whips, 2; woodenware, not elsewhere specified, 1.

BROCKTON.

8,161	\$4,954,968	2,754	\$1,195,231	71	\$16,263	\$1,189,168	\$115,447	\$57,927	\$903,665	\$112,129	\$15,980,653	\$15,876,063	\$104,590	\$26,334,881	1
8	4,806					3,180	2,428	92	660		10,463	9,921	539	27,705	2
6	3,930	10	2,400			3,302	336	46	2,920		29,356	29,207	89	75,193	3
34	21,050					4,160	1,935	695	836	604	15,680	14,428	1,252	67,621	4
154	61,303	33	8,734	6	1,143	7,731	1,835	1,102	4,794		643,445	640,464	2,981	801,471	5
270	141,899	158	56,046	2	844	55,868	8,241	2,385	45,242		994,795	989,115	5,680	1,422,408	6
7	2,918					2,128	1,921	12	195		5,509	5,439	130	16,085	7
6,291	3,861,286	2,153	982,380	54	12,833	786,983	33,003	85,072	691,939	26,969	12,499,609	12,447,102	52,507	19,844,397	8
37	22,735	137	51,884	6	1,343	15,603	2,300	1,573	11,730		112,837	110,002	2,835	265,525	9
34	24,114	3	867			18,294	2,274	615	15,405		81,944	79,754	2,190	190,361	10
182	111,462					85,094	1,550	324	2,564	80,656	218,452	217,777	675	485,068	11
15	9,251					2,351	1,968	75	163	150	15,895	15,426	469	41,805	12
47	31,498	25	9,223			9,406	5,654	187	1,905	1,660	46,718	46,528	190	128,629	13
51		31	9,503			2,544	2,271	15	258		2,542	2,522	20	26,045	14
28	16,920	24	5,725			7,933	1,786	1,452	4,695		142,279	138,844	3,435	220,241	15
	17,862	1	200			4,023	2,293	177	1,553		11,432	10,350	1,082	51,677	16
11	6,045					1,798	625	34	1,134		15,434	15,434		31,961	17
5	2,336					1,267	485	280	502		51,063	50,063	1,000	80,169	18
125	87,000					11,735	4,670	2,143	4,922		56,247	50,102	6,145	250,077	19
5	4,044					743	600	6	137		8,892	3,312	80	12,300	20
48	21,276	11	5,486			2,836	900	811	1,125		62,125	58,985	3,140	136,979	21
124	87,609					21,585		1,746	19,839		89,983	85,976	4,007	292,349	22
46	29,556					2,676	182	154	1,690	700	25,793	25,788	10	79,510	23
		34	11,527			11,385	8,124	239	2,972		66,250	66,167	83	119,655	24
15	8,512					3,874	1,222	40	2,612		3,119	3,034	85	28,421	25
115	70,585					8,510	4,066	619	3,825		63,146	62,870	276	188,069	26

TABLE 8.—MANUFACTURES IN CITIES

BROCKTON—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Num-ber of estab-lish-ments.	CAPITAL.					Propri-eters and firm mem-bers.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
										Average number.	Wages.
27 Photography	4	\$9,200			\$4,800	\$4,400	4	1	\$450	9	\$4,395
28 Plumbing, and gas and steam fitting	14	66,088	\$100	\$4,200	3,950	54,838	17	10	5,796	84	41,443
29 Printing and publishing, book and job	9	100,140			50,400	49,740	11	8	0,750	78	44,707
30 Roofing and roofing materials	3	4,675	200	500	500	3,375	3			7	4,654
31 Rubber and elastic goods	4	903,609	9,500	52,000	167,001	675,008	1	36	34,010	236	120,768
32 Saddlery and harness	5	6,800			825	5,975	5			5	3,398
33 Tinsmithing, coppersmithing, and sheet-iron working.	3	3,150			750	2,400	4	1	861	4	2,525
34 Tools, not elsewhere specified	4	45,000	2,500	6,000	7,511	28,989	5	3	2,040	29	19,369
35 Watch, clock, and jewelry repairing	9	6,185			2,785	3,400	10			17	9,787
36 All other industries ¹	33	552,733	54,000	40,245	831,459	127,029	34	34	30,469	171	105,267

¹ Embraces boot and shoe uppers, 1; boxes, wooden packing, 2; clothing, men's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; dyeing and cleaning, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; gas, illuminating and heating, 1; hand stamps, 1; ink, writing, 1; iron and steel, bolts, nuts, washers, and rivets, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill

CAMBRIDGE.

1 All industries	782	\$26,662,751	\$1,951,228	\$3,799,781	\$5,995,583	\$14,916,159	884	1,095	\$1,160,805	12,986	\$6,785,070
2 Bicycle and tricycle repairing	17	32,462	3,000	12,000	6,320	11,142	19	4	2,680	31	17,060
3 Blacksmithing and wheelwrighting	38	65,570	13,750	13,450	8,890	19,480	42	3	2,180	77	51,458
4 Bookbinding and blank book making	5	165,728	18,000	39,200	62,117	46,411	7	14	14,216	289	142,400
5 Boots and shoes, custom work and repairing	66	11,968	500	600	5,897	4,971	64			22	12,286
6 Bread and other bakery products	32	37,612	11,600	24,650	10,986	40,376	37	50	17,474	138	84,824
7 Brick and tile	5	522,978	198,778	95,999	88,571	144,622	9	9	9,250	184	84,604
8 Carpentering	83	374,505	31,600	40,800	48,201	250,901	96	10	8,200	500	407,814
9 Carriages and wagons	25	256,122	45,200	47,000	18,565	145,357	32	7	6,084	180	105,892
10 Clothing, men's, custom work and repairing	46	70,533	1,800	1,800	7,088	60,945	46	4	3,600	123	60,874
11 Clothing, women's, dressmaking	15	6,135			1,330	4,805	18			24	6,198
12 Confectionery	18	339,656	18,500	68,950	77,275	174,931	17	60	55,755	441	128,475
13 Cooperage	6	116,093	31,000	24,000	8,525	52,568	4	4	4,040	79	45,804
14 Dyeing and cleaning	5	6,890	250	1,250	1,900	3,490	7			19	9,748
15 Electrical construction and repairs	3	15,450			175	15,275	4	1	300	18	8,880
16 Food preparations	4	5,500			350	5,150	6	8	4,300	4	1,656
17 Foundry and machine shop products	18	4,677,412	287,600	658,967	1,510,889	2,269,956	21	97	102,390	1,591	1,019,117
18 Furniture, cabinetmaking, repairing, and upholstering	20	25,075	300	500	4,335	19,940	26			48	32,123
19 Furniture, factory product	10	552,622	48,800	182,000	41,539	280,788	14	31	50,549	435	310,390
20 Grease and tallow	3	129,371	3,224	26,301	77,277	77,277	3	3	2,258	58	36,652
21 Ironwork, architectural and ornamental	3	468,712	64,223	48,762	85,132	270,595	2	19	22,378	285	136,718
22 Lock and gun smithing	3	4,050			850	3,200	3	1	260	2	1,500
23 Lumber, planing mill products, including sash, doors, and blinds	6	114,932	3,000	6,800	20,502	84,630	6	8	9,407	107	63,252
24 Marble and stone work	12	300,501	36,500	32,300	65,925	165,776	17	8	10,306	233	153,262
25 Masonry, brick and stone	25	74,050	14,750	10,775	13,750	34,775	26	5	2,908	127	98,942
26 Millinery, custom work	10	14,907			615	14,292	10	2	519	24	7,923
27 Monuments and tombstones	5	63,400	16,000	6,000	3,200	38,200	6	3	2,000	31	18,003
28 Musical instruments, pianos and materials	6	1,043,260	82,000	201,763	71,351	738,146	7	29	31,600	733	325,135
29 Painting, house, sign, etc.	60	32,205	11,300	7,650	11,780	51,475	66	3	1,945	212	117,218
30 Paper hanging	13	4,193			886	3,307	13	1	520	17	10,050
31 Patent medicines and compounds	4	236,326	21,050	18,700	21,290	175,286	3	4	5,160	174	44,092
32 Photography	5	5,100		300	3,100	1,700	7			4	2,075
33 Plastering and stucco work	13	26,995	2,500	1,800	3,640	19,055	19			93	72,136
34 Plumbing, and gas and steam fitting	43	142,484			19,727	122,757	53	17	8,643	215	122,618
35 Printing and publishing, book and job	17	961,932	56,000	286,919	941,137	277,876	30	34	54,371	873	468,527
36 Printing and publishing, newspapers and periodicals	9	2,001,484			1,134,681	956,803	8	132	143,055	602	380,660
37 Roofing and roofing materials	8	64,207	1,350	9,400	14,225	39,232	7	11	6,760	37	20,363
38 Saddlery and harness	12	6,740			1,565	5,175	12			15	9,030
39 Sausage	3	19,150	2,000	12,000	4,050	1,100	4			11	5,830
40 Soap and candles	5	695,164	107,889	110,123	96,590	383,562	6	73	63,691	152	63,484
41 Tinsmithing, coppersmithing, and sheet-iron working	11	241,850	25,400	39,800	49,825	126,825	13	6	9,240	164	74,109
42 Tobacco, cigars and cigarettes	5	8,182			225	7,957	7	1	1,100	24	15,690
43 Watch, clock, and jewelry repairing	13	8,060			3,250	4,810	15			12	7,068
44 Wood, turned and carved	4	50,465	12,400	13,100	2,500	22,465	4	3	3,652	20	11,208
45 All other industries ¹	68	12,479,710	878,966	1,756,082	2,105,322	7,789,360	68	380	494,949	4,463	2,034,968

¹ Embraces babbitt metal and solder, 1; belting and hose, linen, 1; belting and hose, rubber, 1; bluing, 1; boots and shoes, rubber, 1; bottling, 1; boxes, factory and paper, 2; boxes, wooden packing, 1; brass castings and brass finishing, 2; brassware, 1; brooms and brushes, 2; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; collars and cuffs, paper, 1; electrical apparatus and supplies, 1; electroplating, 1; flavoring extracts, 2; fur goods, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hand knit goods, 1; hardware, 1; instruments, professional and scientific, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

BROCKTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
5	\$2,375	4	\$2,020			\$3,879	\$1,708	\$80	\$791	\$1,300	\$4,872	\$4,767	\$105	\$19,977	27
84	41,443					6,301	8,833	423	2,045		123,449	122,727	722	204,239	28
71	42,667	4	1,500	8	\$540	13,427	3,948	321	9,155		71,243	70,033	1,210	180,390	29
7	4,664					359	204	29	126		17,228	17,203	25	26,085	30
136	81,352	100	39,416			39,853	150	2,321	37,382		304,842	296,061	8,781	538,839	31
5	3,898					1,450	1,808	46	96		3,474	3,378	96	12,163	32
4	2,525					463	361	17	85		4,843	4,304	39	13,600	33
29	19,869					2,042	280	445	1,817		16,844	15,449	1,395	63,740	34
17	9,787					2,658	2,116	25	517		2,790	2,740	50	20,536	35
145	96,447	26	8,820			43,782	10,925	4,323	28,534		163,435	160,228	3,207	440,889	36

products, including sash, doors, and blinds, 2; marble and stone work, 1; mineral and soda waters, 1; monuments and tombstones, 1; muelage and paste, 1; patent medicines and compounds, 1; paving and paving materials, 2; plastering and stuccowork, 1; printing and publishing, newspapers and periodicals, 2; sporting goods, 1; stencils and brands, 1; tobacco, cigars and cigarettes, 1.

CAMBRIDGE.

9,894	\$5,864,500	3,028	\$906,619	64	\$13,951	\$2,229,106	\$226,463	\$202,576	\$1,471,814	\$328,253	\$23,986,638	\$23,634,781	\$351,857	\$39,164,013	1
29	16,604	1	300	1	156	5,985	3,230	319	2,436		17,718	17,361	357	64,769	2
77	51,458					8,037	5,315	618	2,104		38,357	36,327	2,030	145,000	3
120	85,494	164	55,696	5	1,210	22,594	1,080	1,031	20,283	200	90,300	88,208	2,092	299,490	4
22	12,236					8,758	7,291	101	1,356	10	21,080	20,783	297	76,116	5
127	82,168	9	2,352	2	304	30,666	11,850	1,495	17,321		264,179	258,588	5,591	486,761	6
184	84,694					14,417	50	5,331	9,036		78,981	14,223	64,758	226,482	7
590	407,814					329,505	9,375	2,116	20,946	297,068	671,027	667,633	3,394	1,659,937	8
180	105,892					19,834	10,956	2,278	6,560	40	114,708	110,772	3,931	311,914	9
77	44,744	44	15,924	2	206	19,307	11,577	532	5,048	2,150	74,264	73,617	647	208,474	10
		24	6,198			2,662	2,232	5	425		7,173	6,967	206	25,772	11
156	59,458	285	69,017			28,559	6,385	3,587	18,587		500,961	492,011	8,950	930,046	12
79	45,801					7,422	900	1,892	4,720		137,863	136,145	1,718	211,327	13
14	8,060	5	1,688			1,729	922	45	612	150	2,293	2,060	233	19,884	14
17	8,600	1	260			1,651	756	27	768		12,600	12,590	10	82,500	15
4	1,656					3,212	905	167	2,080		10,810	10,440	370	26,255	16
1,581	1,016,988	2	440	8	1,639	203,268	14,751	24,665	163,852		1,524,785	1,492,265	32,520	3,503,036	17
48	30,873	5	1,250			4,970	3,249	120	1,351	250	22,105	21,362	743	78,129	18
423	305,230	8	4,369	4	800	50,961	17,792	5,637	27,532		220,084	213,054	7,030	692,245	19
58	36,652					15,119	2,580	1,196	11,343		187,880	181,508	6,372	294,154	20
285	136,718					28,500	1,400	1,086	21,014		353,910	349,765	4,145	594,473	21
2	1,500					1,090	576	6	508		2,685	2,660	25	7,100	22
107	63,282					12,222	3,660	1,807	7,005	250	129,903	126,299	3,604	234,885	23
232	152,942			1	320	15,453	3,672	2,865	8,916		182,812	179,027	3,815	448,558	24
127	98,942					12,229	618	636	5,075	6,000	84,396	84,396	96	249,386	25
1	404	22	7,317	1	172	3,946	3,249	47	650		17,744	17,649	95	40,593	26
31	18,003					3,234	488	642	2,104		17,374	17,141	233	55,787	27
611	296,235	122	28,900			25,069	4,530	5,409	15,180		550,555	549,057	1,498	1,168,662	28
210	116,501	2	712			12,055	5,799	553	5,653	50	75,878	75,771	107	281,682	29
17	10,050					1,220	910	17	293		9,515	9,495	20	33,150	30
56	22,270	115	21,372	3	450	15,086	180	1,345	13,561		125,593	123,727	1,866	205,875	31
1	1,155	3	920			1,809	1,180	71	558		5,063	5,010	53	15,630	32
93	72,136					12,402	447	134	1,821	10,000	42,732	42,332	400	168,173	33
215	122,518					10,286	11,625	622	7,030		170,058	168,768	1,295	435,393	34
467	323,589	400	143,888	6	1,050	97,619	4,323	7,424	84,610	1,292	455,284	445,181	10,100	1,242,492	35
348	237,539	252	92,765	2	356	439,370	32,938	6,475	390,264	9,693	984,829	980,985	3,844	2,067,065	36
37	20,363					5,733	1,270	329	4,134		24,383	24,211	172	78,518	37
15	9,030					2,812	46	46	262		13,214	13,039	175	36,824	38
11	5,830					952	240	312	400		44,767	43,425	1,342	55,775	39
149	67,548	3	936			58,147	300	8,669	49,178		523,881	522,416	6,465	872,532	40
144	66,829	20	7,280			21,221	3,968	2,500	14,553	200	191,123	188,230	2,898	307,011	41
19	13,750	5	1,940			5,698	1,020	86	4,592		18,717	18,712	5	58,893	42
12	7,068					2,953	2,540	99	814		5,271	5,129	142	31,204	43
16	10,028	4	1,180			2,912	344	560	2,008		9,615	8,510	1,105	33,638	44
2,907	1,585,845	1,532	441,885	29	7,238	654,502	27,526	110,264	515,812	900	15,945,017	15,777,901	167,113	21,089,318	45

jewelry, 2; kindling wood, 2; leather, tanned, curried, and finished, 1; malt, 2; mats and matting, 1; mattresses and spring beds, 2; mineral and soda waters, 1; models and patterns, 2; muelage and paste, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 2; nets and seines, 1; paints, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; pulp goods, 1; safes and vaults, 1; ship and boat building, wooden, 2; shirts, 1; slaughtering and meat packing, wholesale, 2; springs, steel, car and carriage, 1; stamped ware, 1; steam packing, 1; sugar and molasses, refining, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woodenware, not elsewhere specified, 1.

TABLE 8.—MANUFACTURES IN CITIES

CHELSEA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	303	\$8,211,682	\$499,237	\$935,194	\$1,652,023	\$5,124,328	328	312	\$346,985	3,332	\$1,625,875
2	Baskets, and rattan and willow ware	3	7,475	2,900	2,000	1,000	1,575	3	1	624	18	8,400
3	Bicycle and tricycle repairing	4	2,465	50	260	900	1,255	5			5	1,952
4	Blacksmithing and wheelwrighting	19	16,620	1,250	1,630	3,435	9,305	19			16	9,032
5	Boots and shoes, custom work and repairing.	19	4,638	400	600	2,023	1,615	19			7	2,802
6	Boots and shoes, factory product	3	146,170	9,000	14,750	33,695	88,825	3	21	18,586	348	157,490
7	Bread and other bakery products	17	56,517	820	2,600	18,690	34,407	22	15	8,546	85	39,022
8	Carpentering	27	52,560	2,700	6,100	5,925	37,835	28			101	72,728
9	Carriages and wagons	3	26,519	5,000	5,600	5,597	10,322	5	1	500	22	14,131
10	Clothing, men's, custom work and repairing.	12	12,304	1,000	3,334	2,100	5,870	13			11	6,314
11	Clothing, men's, factory product	5	8,525	1,650	2,700	1,700	2,475	8			36	9,648
12	Clothing, women's, dressmaking	11	6,310	1,800	2,250	1,055	1,705	11			25	9,204
13	Confectionery	5	40,942	26,075	2,025	6,800	7,042	6	10	3,350	9	5,175
14	Fish, canning and preserving	3	5,125	700	1,800	1,025	2,100	5			4	2,128
15	Foundry and machine shop products	5	297,243	23,813	59,100	119,387	94,948	5	13	12,304	101	60,842
16	Furniture, cabinetmaking, repairing, and upholstering.	7	3,700			1,050	2,650	8			3	1,388
17	Grease and tallow	3	15,900	3,625	4,450	5,000	2,825	4	1	624	10	5,522
18	Leather, tanned, curried, and finished	3	246,893	22,000	34,215	24,407	166,271	3	10	8,458	78	35,585
19	Looking-glass and picture frames	3	12,535	500	3,500	575	7,900	3	1	300	9	4,078
20	Masonry, brick and stone	5	7,545	250	400	3,200	3,495	6			34	12,335
21	Millinery, custom work	8	13,067	3,500	1,000	112	8,455	8			13	4,783
22	Mineral and soda waters	3	76,180	6,000	12,910	16,800	40,470	2	16	8,866	15	7,386
23	Painting, house, sign, etc	19	13,662	3,600	8,700	3,374	10,988	21			36	19,487
24	Paper hanging	3	7,255	3,200	3,800	80	3,175	3			4	1,800
25	Patent medicines and compounds	4	22,334	2,200	3,000	1,750	15,884	4	1	416	9	4,610
26	Photography	4	2,425			1,800	625	4			2	625
27	Plastering and stucco work	5	12,235	800	400	380	10,655	6			14	9,209
28	Plumbing, and gas and steam fitting	17	19,752	1,500	2,800	4,205	11,247	20	1	300	31	19,187
29	Printing and publishing, book and job	6	17,545	700	2,300	12,200	2,345	7			21	8,022
30	Printing and publishing, newspapers and periodicals.	6	17,816			10,700	6,616	8	5	1,508	23	8,814
31	Roofing and roofing materials	4	26,520	6,570	6,250	2,250	11,450	5			15	11,148
32	Rubber and elastic goods	7	3,488,063	149,479	331,980	690,828	2,265,776	5	53	60,282	931	415,615
33	Saddlery and harness	4	1,796			815	981	5			2	1,600
34	Tobacco, cigars and cigarettes	11	24,725	4,000	6,600	2,020	12,105	11			27	11,152
35	Watch, clock, and jewelry repairing.	3	1,600			600	1,000	4			6	5,128
36	All other industries ¹	47	3,492,921	218,595	366,640	667,545	2,240,141	39	193	216,201	1,261	639,539

¹ Embraces baking and yeast powders, 1; blacking, 1; bluing, 1; boot and shoe findings, 1; bottling, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass castings and brass finishing, 1; chemicals, 1; clocks, 1; clothing, women's, factory product, 1; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; flavoring extracts, 1; furnishing goods, men's, 1; furniture, factory product, 1; gas, illuminating and heating, 1; ink, writing, 1; ironwork, architectural and ornamental, 1; kaolin and other earth grinding, 1; leather goods, 1; lithographing

EVERETT.

1	All industries	163	\$6,107,735	\$910,812	\$449,516	\$3,245,069	\$1,802,338	161	133	\$153,063	2,141	\$1,068,987
2	Blacksmithing and wheelwrighting	13	23,695	7,000	4,300	4,100	8,295	13			20	11,463
3	Boots and shoes, custom work and repairing.	11	1,660		200	970	490	8			4	1,888
4	Bread and other bakery products	6	22,090	1,000	3,500	7,300	10,290	7	8	3,504	32	18,502
5	Carpentering	25	64,183	1,650	2,100	10,725	49,708	25			142	85,121
6	Clothing, men's, custom work and repairing.	6	2,425			750	1,675	6			5	2,209
7	Clothing, women's, dressmaking	7	1,180			830	350	7			9	3,147
8	Foundry and machine shop products	4	122,865	9,100	16,600	32,725	64,440	4	5	8,250	88	43,250
9	Furniture, cabinetmaking, repairing, and upholstering.	5	3,485	1,000	500	960	1,025	3			3	1,691
10	Furniture, factory product	3	55,109	6,900	18,000	13,823	16,386	2	7	9,300	27	22,050
11	Masonry, brick and stone	5	9,485	2,800	2,000	2,305	2,380	5			20	14,620
12	Painting, house, sign, etc	15	6,258	470	1,280	1,500	8,008	15			33	19,217
13	Paper hanging	5	706	100	150	141	315	5			1	1,040
14	Plumbing, and gas and steam fitting	9	24,386	500	500	4,107	19,279	9	3	1,146	31	25,530
15	Printing and publishing, newspapers and periodicals	3	6,860	350	1,000	4,860	650	2	3	2,200	7	2,735
16	All other industries ¹	50	5,763,348	579,942	399,886	3,159,973	1,624,047	50	112	129,473	1,719	816,485

¹ Embraces belting and hose, rubber, 1; bicycle and tricycle repairing, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brick and tile, 2; brooms and brushes, 1; carriages and wagons, 1; chemicals, 2; coke, 1; confectionery, 2; electrical construction and repairs, 2; fur goods, 1; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; ironwork, architectural and ornamental, 2; leather goods, 2; liquors, distilled, 1; millinery, custom work, 2; mineral and soda waters, 2; monuments and tombstones, 1; musical instruments and materials, not specified, 1; musical instruments, pianos and

BY SPECIFIED INDUSTRIES: 1900—Continued.

CHELSEA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,421	\$1,330,520	902	\$208,908	9	\$1,447	\$678,248	\$55,349	\$55,155	\$468,759	\$103,985	\$5,764,409	\$5,666,978	\$97,436	\$10,388,549	1
16	7,880	2	520			175	162	8	5		2,904	2,677	227	19,032	2
5	1,952					967	401	39	527		7,526	7,460	66	17,370	3
15	8,936			1	96	2,237	1,946	45	246		8,103	7,896	707	38,965	4
7	2,802					2,889	2,250	22	37	80	6,212	6,028	184	18,992	5
213	108,108	129	48,290	6	1,092	20,726	900	1,221	18,605		521,194	518,755	2,439	739,817	6
60	33,674	25	5,348			15,350	9,502	413	5,435		135,061	130,706	4,855	245,967	7
101	72,728					20,697	1,164	114	581	18,838	102,290	102,210	80	232,763	8
22	14,134					968	300	260	333	75	12,206	11,675	531	36,935	9
5	3,644	6	2,670			4,926	2,422	143	686	1,575	13,668	13,496	167	40,768	10
2	550	34	9,088			1,521	354	66	101	1,000	6,688	6,566	122	28,123	11
		25	9,291			1,011	942	51	18		5,382	5,252	130	19,910	12
9	5,175					2,752	1,560	551	611		26,400	25,806	594	53,157	13
4	2,128					784	600	51	133		22,136	21,734	402	31,895	14
101	60,842					15,363	360	1,684	13,319		93,388	87,567	5,821	200,469	15
3	1,388					1,075	960		115		3,147	3,107	40	8,159	16
						896		178	718		30,751	29,127	1,624	65,529	17
10	5,522					13,872	480	1,097	12,295		145,219	142,200	3,019	215,770	18
78	35,585					503	244	119	140		14,500	14,357	143	25,500	19
9	4,078					2,868	334	19	15	2,000	15,859	15,859		40,200	20
34	12,335	13	4,783			2,844	2,545	129	170		26,982	26,855	127	49,787	21
						6,656	300	589	5,767		12,354	11,984	370	54,596	22
15	7,386					1,558	1,872	92	94		12,909	12,819	90	56,430	23
36	19,487					46		18	28		2,780	2,755	25	7,970	24
4	1,800					5,693	340	102	4,278	973	9,928	9,823	105	32,611	25
5	2,650	4	1,960			1,049	934	8	70	87	1,624	1,619	5	4,930	26
		2	626			384	229	93	12		4,063	4,060	3	18,915	27
14	9,209					2,976	2,568	236	172		34,244	33,719	525	86,570	28
31	19,187					2,011	1,296	170	545		5,678	5,248	430	23,296	29
11	4,963	9	2,884	1	175	3,084	1,342	87	483	1,172	3,546	2,865	681	27,120	30
10	5,200	12	3,530	1	81										
						842	300	417	125		29,029	23,644	385	56,700	31
15	11,148					157,554	5,800	28,477	123,277		2,842,548	2,287,574	54,969	3,718,094	32
611	299,866	320	115,740			699	588	17	94		1,325	1,305	20	4,823	33
2	1,500					7,200	1,175	241	5,781		11,109	11,062	47	35,663	34
19	9,031	8	2,118			804	731		73		4,513	4,498	15	19,100	35
6	5,128														
948	552,501	313	87,038			376,318	10,948	18,398	268,837	78,135	2,089,158	2,070,165	18,988	4,062,623	36

and engraving, 1; lock and gun smithing, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1; monuments and tombstones, 1; oil, not elsewhere specified, 2; paints, 1; pickles, preserves, and sauces, 1; ship and boat building, wooden, 2; shirts, 1; soda water apparatus, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; varnish, 1; window shades, 1.

EVERETT.

1,987	\$1,016,269	151	\$52,170	3	\$548	\$702,785	\$22,888	\$45,575	\$580,780	\$53,547	\$2,725,197	\$2,617,068	\$108,129	\$5,038,120	1
20	11,463					1,301	846	138	317		10,215	9,645	570	37,791	2
4	1,888					1,081	944	5	132		3,438	3,385	53	11,113	3
26	16,792	5	1,578	1	132	4,243	2,610	120	1,513		61,387	60,100	1,287	98,850	4
142	85,121					35,737	506	849	9,602	24,780	207,931	207,511	420	892,840	5
2	1,234	3	975			1,460	1,239	19	192		4,541	4,440	101	12,645	6
		9	3,147			555	386		169		535	535		9,015	7
88	43,259					10,788	2,135	874	7,677	102	63,242	58,805	4,437	169,995	8
8	1,691					955	474	29	452		1,985	1,885	50	6,900	9
27	22,050					6,424		441	3,233	2,750	34,675	33,015	1,630	94,000	10
20	14,620					508		85	423		6,564	6,561		30,450	11
						1,065	377	28	665		8,029	8,019	10	42,939	12
33	19,247					102		3	99		2,250	2,250		7,302	13
1	1,040					2,034	1,106	150	778		48,921	48,412	509	103,680	14
29	25,114			2	416	1,547	186	16	270	1,075	864	840	24	8,649	15
4	1,760	8	975												
1,588	770,990	181	45,495			684,995	12,074	42,823	555,258	24,840	2,270,670	2,171,682	99,038	4,011,911	16

materials, 1; oil, not elsewhere specified, 1; patent medicines and compounds, 1; photography, 1; pickles, preserves, and sauces, 1; plastering and stucco work, 2; pottery, terra cotta, and fire-clay products, 1; printing and publishing, book and job, 1; roofing and roofing materials, 2; saddlery and harness, 1; soap and candles, 1; stamped ware, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; tobacco, cigars and cigarettes, 1; tools, not elsewhere specified, 1; varnish, 2; woodenware, not elsewhere specified, 1.

TABLE 8.—MANUFACTURES IN CITIES

FALL RIVER.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	785	\$58,549,984	\$3,549,360	\$11,351,847	\$24,004,987	\$19,643,740	822	615	\$918,442	32,780	\$11,739,129
2	Awnings, tents, and sails	3	16,560			840	15,720	4			11	7,922
3	Bicycle and tricycle repairing	7	5,035	400	800	2,053	1,782	8			7	4,410
4	Blacksmithing and wheelwrighting	61	90,372	14,830	24,978	22,098	28,416	64	2	1,310	112	63,839
5	Boots and shoes, custom work and re- pairing.	84	18,027		433	7,153	5,441	85			18	7,864
6	Bottling	13	95,574	28,455	35,425	12,377	19,317	15	4	3,040	42	23,223
7	Bread and other bakery products	63	126,728	16,497	28,420	48,092	33,717	68	37	18,592	194	97,172
8	Brooms and brushes	4	5,625	1,130	2,025	1,070	1,350	4			8	3,148
9	Carpentering	41	127,944	7,066	13,575	13,765	88,538	48	12	7,622	317	164,058
10	Carriages and wagons	5	60,780	13,965	12,300	3,782	30,733	7	2	1,350	33	19,400
11	Clothing, men's, custom work and re- pairing.	37	42,086	3,200	2,300	8,272	28,314	41	9	6,407	143	69,710
12	Clothing, women's, dressmaking	45	14,425	1,250	2,450	4,621	6,104	47			86	27,577
13	Confectionery	8	15,405	600	1,620	6,215	6,970	8	17	3,552	19	5,435
14	Cordage and twine	3	22,355	1,000	650	7,000	14,305	2	1	780	25	6,788
15	Cotton goods	42	45,641,084	2,145,139	9,651,997	21,653,361	12,190,687	6	244	475,448	26,371	8,813,912
16	Cotton small wares	4	101,867	2,000	9,500	57,186	33,181	5	2	1,800	94	29,032
17	Dyeing and cleaning	5	5,187	1,000	1,000	1,910	1,277	6	1	416	7	3,211
18	Dyeing and finishing textiles	3	6,996,863	717,926	670,076	665,137	4,943,724	52	52	188,963	1,131	486,914
19	Electrical construction and repairs	4	18,176			1,465	16,711	6	2	752	23	12,746
20	Foundry and machine shop products	32	653,042	94,310	63,274	138,730	361,728	39	37	41,584	623	326,861
21	Furniture, cabinetmaking, repairing, and upholstering.	5	14,910	620	2,325	2,620	9,645	8	1	312	13	5,820
22	Liquors, malt	4	919,306	90,500	371,769	257,356	199,681	1	31	39,203	61	55,707
23	Lock and gun smithing	3	923			275	648	4			1	760
24	Looking-glass and picture frames	3	3,432			600	2,882	3			3	1,485
25	Lumber, planing mill products, includ- ing sash, doors, and blinds.	5	71,350	1,500	10,000	13,000	46,850	6	2	1,600	23	16,064
26	Marble and stone work	3	50,130	31,800	3,775	10,775	4,280	3	3	3,280	51	29,716
27	Masonry, brick and stone	19	202,467	61,710	14,110	41,280	85,367	25	6	3,701	583	221,795
28	Millinery, custom work	47	67,342	4,800	8,700	8,827	45,015	52	9	3,332	113	43,631
29	Mineral and soda waters	6	16,135	800	1,925	7,675	5,735	8			24	10,800
30	Monuments and tombstones	8	26,606	8,100	3,210	1,080	14,216	8	2	1,265	23	13,908
31	Painting, house, sign, etc	51	121,278	13,175	20,267	11,103	76,733	62	12	6,689	267	144,565
32	Paper goods, not elsewhere specified	3	20,000	1,300	5,500	7,600	5,600	2	3	3,000	17	6,914
33	Patent medicines and compounds	4	4,910			225	4,685	5			2	1,200
34	Photography	11	16,876		375	8,450	8,051	12	2	818	14	7,344
35	Plumbing, and gas and steam fitting	28	158,035	16,536	7,926	17,879	115,894	28	19	14,860	210	117,535
36	Printing and publishing, book and job	9	50,938			32,170	18,768	11	2	1,018	37	18,669
37	Printing and publishing, newspapers and periodicals.	8	137,735	19,500	23,057	35,494	54,634	7	17	14,646	118	75,365
38	Saddlery and harness	14	12,973	1,000	1,050	3,053	7,865	14			15	6,927
39	Soap and candles	3	10,525	1,500	1,000	2,250	5,775	3			2	1,400
40	Tin-smithing, coppersmithing, and sheet-iron working.	20	33,541	5,910	7,850	6,120	13,661	25	3	1,180	37	22,281
41	Tobacco, cigars and cigarettes	4	10,110	1,000	800	620	8,190	4	1	832	12	6,005
42	Watch, clock, and jewelry repairing	19	15,857		175	6,045	9,637	19			21	11,604
43	Wood, turned and carved	3	130,293	15,000	25,000	57,450	32,843	2	2	3,136	124	48,884
44	All other industries ¹	41	2,351,479	226,441	317,710	767,908	1,039,420	47	78	67,954	1,740	697,476

¹ Embraces belting and hose, leather, 1; bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 1; boxes, wooden packing, 1; bridges, 1; coffee and spice, roasting and grinding, 1; combs, 1; coopers, 2; cotton waste, 1; electroplating, 1; engraving, wood, 1; files, 1; flouring and grist mill products, 2; food preparations, 1; fur hats, 2; gas, illuminating and heating, 1; grease and tallow, 2; hairwork, 1; hat and cap materials, 1;

FITCHBURG.

1 All industries	308	\$18,033,898	\$1,181,833	\$1,633,684	\$2,822,108	\$7,346,273	336	322	\$378,675	6,796	\$3,113,078
2 Bicycle and tricycle repairing	4	3,935			1,175	2,810	8			3	1,450
3 Blacksmithing and wheelwrighting	21	32,550	7,650	5,850	6,675	12,375	21			27	18,531
4 Boots and shoes, custom work and repairing	20	5,635	500	550	1,330	2,755	19			5	2,006
5 Bread and other bakery products	10	22,527	5,200	4,000	4,150	9,177	11	12	5,326	29	15,870
6 Carpentering	14	44,899	4,050	7,850	6,875	26,624	17			126	86,508
7 Clothing, men's, custom work and repairing	11	13,433			2,155	11,278	12	1	300	50	26,970
8 Clothing, women's, dressmaking	25	9,341	1,050	850	3,205	4,736	26	2	631	51	16,978
9 Cotton goods	5	2,679,898	104,333	413,319	787,303	1,374,743	1	27	43,790	1,873	683,309
10 Foundry and machine shop products	26	1,852,346	346,460	216,900	423,985	860,011	23	52	55,568	833	469,106
11 Furniture, cabinetmaking, repairing, and upholstering	8	1,275			375	900	4			2	1,350
12 Hairwork	3	2,270			650	1,620	3			3	1,023
13 Lumber and timber products	3	87,257	10,200	15,200	18,150	43,707	3	2	900	33	19,515
14 Lumber, planing mill products, including sash, doors, and blinds	3	118,422	39,000	17,000	20,422	48,000	3	13	9,760	55	37,403
15 Marble and stone work	6	56,775	27,000	3,675	11,200	14,900	6			56	27,083
16 Masonry, brick and stone	4	12,600	500	800	3,100	8,200	5	2	962	61	27,571

BY SPECIFIED INDUSTRIES: 1900—Continued.

FALL RIVER.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over,		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
17,686	\$7,227,218	13,374	\$4,195,926	1,720	\$315,985	\$3,249,088	\$138,477	\$641,207	\$2,201,332	\$268,067	\$19,789,859	\$18,934,478	\$855,881	\$43,071,530	1
9	7,242	2	680			1,012	700	17	295		12,242	12,140	102	28,712	2
7	4,410					1,004	838	59	767		4,842	4,613	229	13,725	3
112	63,839					11,833	6,802	609	2,207	2,216	55,929	52,990	2,639	201,848	4
18	7,864					7,528	6,927	95	506		27,062	26,641	421	85,277	5
42	23,223					5,960	1,425	802	3,683	100	57,400	56,203	1,197	103,167	6
168	89,331	22	7,115	4	726	21,973	11,940	869	9,164		313,057	300,846	12,211	555,267	7
6	2,468	2	680			111	40	32	39		6,401	6,291	110	14,627	8
317	164,058					177,935	3,346	582	4,828	169,179	367,956	367,189	707	846,596	9
38	19,400					1,702	534	192	976		13,283	12,935	348	51,103	10
62	38,937	81	30,773			15,863	11,551	275	2,137	1,400	83,716	83,013	703	226,392	11
3	1,300	83	26,277			4,266	3,655	100	511		27,390	27,049	341	98,979	12
16	5,038	3	897			6,670	4,012	54	2,604		27,170	26,400	770	87,382	13
17	5,178	2	471	6	1,139	1,475	660	137	678		29,972	29,242	730	43,996	14
12,587	4,725,851	12,162	3,790,409	1,622	298,152	2,004,027	2,108	557,191	1,420,843	23,885	13,022,130	12,856,121	666,009	29,097,667	15
45	16,407	38	9,817	11	2,808	5,178	1,037	391	3,750		114,480	112,236	2,244	188,859	16
4	2,815	3	896			1,101	664	35	402		2,147	1,545	602	12,825	17
932	430,301	163	49,963	36	6,650	428,762		37,201	375,047	16,514	1,094,877	994,363	100,524	2,995,979	18
23	12,746					2,717	1,131	27	1,556		25,042	24,962	80	48,468	19
546	305,056	68	20,434	9	1,871	42,374	7,525	6,694	27,455	700	365,366	349,951	15,415	932,873	20
13	5,820					1,918	940	88	860	75	10,817	10,630	187	25,075	21
61	55,707					200,941		5,348	195,593		186,662	178,374	8,288	566,954	22
1	750					408	288	12	68	40	665	647	18	5,500	23
3	1,485					899	720	34	145		3,804	3,767	37	8,072	24
23	16,064					3,232	1,507	640	1,085		42,899	41,884	1,015	80,311	25
51	29,716					1,802		718	1,084		5,849	5,271	578	54,713	26
583	221,795					59,599	1,485	858	8,973	48,283	309,814	307,627	2,187	683,362	27
24	10,500	117	43,470	1	164	17,520	14,005	866	3,149		150,945	150,469	476	284,170	28
23	13,908					2,968	1,980	102	886		16,068	15,550	518	41,050	29
265	144,210			2	355	980	160	233	587		9,329	9,239	90	36,920	30
7	5,094	2	624	8	1,196	1,482	650	116	716		21,038	20,393	645	37,361	32
2	1,200					857	444	20	893		12,625	12,596	29	22,200	33
11	6,220	3	1,124			9,116	6,662	129	2,425		9,726	9,518	208	44,001	34
209	117,363			1	172	14,539	7,278	949	5,708	604	300,658	298,120	2,538	514,990	35
31	16,487	4	1,898	2	284	5,110	2,771	193	1,136	1,010	22,815	21,917	898	65,584	36
106	69,187	12	6,178			13,445	4,840	2,132	6,273	200	39,172	35,958	3,214	199,225	37
15	6,927					2,243	1,726	74	443		17,520	17,421	99	38,011	38
2	1,400					632	552	30	100		2,728	2,616	112	6,116	39
37	22,281					4,805	2,868	229	588	1,100	46,806	46,003	803	99,548	40
12	6,065					3,157	412	54	2,691		10,982	10,837	95	23,796	41
21	11,604					4,549	3,949	75	505	20	8,331	8,641	190	39,123	42
121	48,344			3	540	9,005	1,000	1,295	6,710		71,786	70,690	1,046	163,082	43
1,118	490,827	607	204,720	15	2,428	133,148	11,781	21,366	97,259	2,742	2,717,491	2,691,923	25,565	4,022,247	44

mattresses and spring beds, 1; optical goods, 1; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; pipes, tobacco, 1; plumbers' supplies, 1; roofing and roofing materials, 2; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 2; taxidermy, 1; vinegar and cider, 1; wirework, including wire rope and cable, 1.

FITCHBURG.

4,794	\$2,512,222	1,757	\$551,428	245	\$49,428	\$749,165	\$74,801	\$93,813	\$552,060	\$28,491	\$3,062,713	\$7,790,815	\$271,898	\$14,253,522	1
3	1,450					970	855	15	100		2,552	2,441	111	7,065	2
27	18,531					3,546	2,767	843	498		20,579	19,568	1,016	60,768	3
6	2,006					2,264	2,187	19	58		6,568	6,389	229	20,415	4
29	15,870					4,027	2,817	342	888		60,226	57,961	2,265	108,243	5
126	86,503					22,334	797	236	1,827	19,474	185,662	185,535	127	345,784	6
25	18,185	25	8,785			4,415	3,270	102	1,048		22,831	22,456	375	72,604	7
1	1,007	50	15,966			4,208	3,880	53	775		16,387	15,866	521	53,408	8
915	378,371	800	275,206	163	34,782	117,369		23,893	93,476		1,344,181	1,274,582	69,599	2,449,988	9
881	468,789	1	246	1	71	97,103	14,862	15,313	61,804	5,129	477,002	453,206	23,796	1,828,008	10
2	1,850					194	156	13	25		10,752	10,739	13	18,095	11
33	19,515	8	1,028			1,081	916	25	140		1,313	1,299	14	5,800	12
55	37,408					1,522		522	1,000		68,662	68,662		118,775	13
						4,130	1,500	1,239	1,450		144,599	142,940	1,599	228,049	14
56	27,083					903	224	432	247		12,218	11,788	485	53,870	15
61	27,571					2,615	2,000	50	565		28,525	28,345	180	75,596	16

TABLE 8.—MANUFACTURES IN CITIES

FITCHBURG—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
17	Millinery, custom work	11	\$45,115	\$5,100	\$16,100	\$1,280	\$22,635	14	10	\$3,635	47	\$11,508
18	Mineral and soda waters	4	17,157	2,300	2,500	9,135	3,222	7	2	673	6	3,272
19	Models and patterns	3	2,925			1,650	1,275	3			8	5,573
20	Monuments and tombstones	3	26,400	20,000	2,200	400	3,800	3			4	2,367
21	Painting, house, sign, etc	17	18,869	1,400	2,100	3,506	11,863	19	1	325	42	24,844
22	Paper and wood pulp	4	1,632,000	247,600	371,000	545,600	467,860	6	24	34,436	639	304,966
23	Photography	9	7,085			4,360	2,725	9	1	280	3	1,444
24	Plumbing, and gas and steam fitting	12	125,871	7,550	3,600	11,390	103,331	20	18	5,618	73	43,316
25	Printing and publishing, book and job.	6	13,275	200	350	9,650	3,075	6			11	6,770
26	Printing and publishing, newspapers and periodicals.	4	30,810			13,595	17,215	4	6	2,699	36	21,216
27	Saddlery and harness	8	1,775			275	1,500	3			2	1,200
28	Tobacco, cigars and cigarettes	4	12,175	50	250	675	11,200	5			13	6,416
29	Watch, clock, and jewelry repairing	10	7,575			3,150	4,425	11			1	822
30	Wood, turned and carved	8	17,810			11,550	6,290	10	2	1,000	30	12,008
31	All other industries ¹	52	6,131,953	357,700	600,590	909,642	4,264,021	59	152	210,777	2,619	1,222,188

¹ Embraces artificial limbs, 1; awnings, tents, and sails, 2; bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass and copper, rolled, 1; brass castings and brass finishing, 2; brick and tile, 1; carriages and wagons, 1; cars and general shop construction and repairs by steam railroad companies, 1; cheese and butter, urban dairy products, 1; china decorating, 1; combs, 1; confectionery, 2; cotton waste, 1; cutlery and edge tools, 1; electrical construction and repairs, 2; electroplating, 1; files, 1; firearms, 1; flavoring extracts, 1;

GLOUCESTER.

1 All industries	392	\$4,687,559	\$434,532	\$585,050	\$917,112	\$2,750,265	469	235	\$199,436	3,379	\$1,428,896
2 Awnings, tents, and sails	10	57,832			2,225	55,107	15	3	2,500	55	37,289
3 Bicycle and tricycle repairing	5	7,675	800	250	3,925	3,200	8	2	900	12	8,512
4 Blacksmithing and wheelwrighting	27	80,740	8,350	16,140	13,000	43,250	28	1	100	43	25,134
5 Boots and shoes, custom work and repairing	18	5,040	480	575	2,575	1,410	20			3	1,520
6 Bread and other bakery products	5	35,070	2,500	6,000	9,320	16,750	5	8	6,128	44	20,936
7 Carpentering	41	179,840	15,615	22,600	20,050	121,575	49	4	2,420	189	122,087
8 Clothing, men's, custom work and repairing	14	21,440			2,990	18,450	14	7	5,325	65	25,480
9 Clothing, men's, factory product	13	25,570		1,250	2,070	22,250	18	2	656	47	14,247
10 Clothing, women's, dressmaking	21	10,090	1,575	3,900	1,540	3,075	21			32	7,457
11 Confectionery	4	4,550			2,650	1,900	6			6	3,780
12 Fish, canning and preserving	33	1,479,647	178,742	189,953	238,776	872,170	60	85	68,108	1,154	398,703
13 Foundry and machine shop products	8	279,355	16,800	23,982	64,034	174,489	11	6	6,316	95	57,680
14 Furniture, cabinetmaking, repairing, and upholstering	6	9,950			1,025	8,325	6			7	4,140
15 Glue	4	390,768	11,500	58,425	59,917	260,926	2	22	28,500	67	33,082
16 Marble and stone work	19	186,114	20,655	16,994	71,086	75,779	25	10	8,179	361	146,090
17 Masonry, brick and stone	22	54,235	5,240	2,650	4,595	41,750	25			101	53,934
18 Millinery, custom work	7	14,075			2,525	11,550	8	4	1,850	19	7,160
19 Nets and seines	3	234,238	5,073	35,000	60,896	132,869	3	7	8,420	82	31,197
20 Oil, not elsewhere specified	4	146,647	15,500	19,000	38,550	73,597	6	5	6,000	39	20,343
21 Painting, house, sign, etc	26	87,555	2,575	4,750	7,880	72,250	32	9	4,849	108	58,460
22 Photography	5	2,335			1,550	1,285	5			2	892
23 Plumbing, and gas and steam fitting	7	88,550	15,300	13,300	5,050	55,000	8	11	5,506	71	39,508
24 Printing and publishing, newspapers and periodicals	3	113,000	42,000	28,000	31,000	12,000	2	8	2,335	49	22,385
25 Saddlery and harness	3	15,450			2,350	13,100	4			10	4,834
26 Ship and boat building, wooden	24	145,172	38,477	15,500	23,320	67,875	24	6	5,860	102	62,800
27 Tinsmithing, coppersmithing, and sheet-iron working	5	23,316	450	2,000	3,266	12,600	6	3	2,000	9	5,220
28 Tobacco, cigars and cigarettes	5	6,475			495	5,980	6			6	2,979
29 Watch, clock, and jewelry repairing	9	7,880	500	2,000	2,380	3,000	9			7	4,340
30 Wood, turned and carved	3	8,100		25	2,525	5,550	4			3	1,552
31 All other industries ¹	33	967,750	52,200	123,350	228,997	563,203	39	32	33,986	591	208,555

¹ Embraces boots and shoes, factory product, 1; boxes, wooden packing, 1; clothing, women's, factory product, 1; cooperage, 1; cordage and twine, 2; dyeing and cleaning, 1; electrical construction and repairs, 1; flouring and grist mill products, 1; food preparations, 1; galvanizing, 1; gas, illuminating and heating, 1; grease and tallow, 1; house furnishing goods, not elsewhere specified, 1; liquors, malt, 1; look and gun smithing, 2; looking-glass and picture frames, 2; lumber,

HAVERHILL.

1 All industries	685	\$6,801,565	\$227,775	\$489,658	\$1,618,515	\$4,465,617	838	501	\$380,014	10,600	\$5,035,882
2 Bicycle and tricycle repairing	8	5,100			2,050	3,050	11			10	5,843
3 Blacksmithing and wheelwrighting	24	19,075	1,325	2,600	6,350	8,800	27			33	22,153
4 Boot and shoe cut stock	98	641,927	9,675	27,225	65,892	539,135	125	48	30,777	784	346,778
5 Boot and shoe findings	22	262,586			52,250	210,336	30	20	13,960	163	67,855
6 Boots and shoes, custom work and repairing	25	6,565			4,425	2,140	25			11	6,330
7 Boots and shoes, factory product	151	3,325,717	81,200	163,175	683,164	2,399,178	199	314	250,263	7,376	3,462,001
8 Boxes, fancy and paper	7	103,315	5,000	10,000	29,793	58,522	11	4	2,150	163	67,786
9 Boxes, wooden packing	3	13,700	300	1,200	3,750	8,450	5	1	1,000	46	19,486
10 Bread and other bakery products	18	46,912	500	3,000	32,525	10,887	20	3	1,000	66	34,149
11 Brick and tile	4	29,825	1,400	2,800	5,500	20,125	8	1	725	37	19,475

BY SPECIFIED INDUSTRIES: 1900—Continued.

FITCHBURG—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1	\$250	46	\$11,258			\$7,033	\$5,833	\$228	\$972		\$35,899	\$35,501	\$398	\$73,552	17
6	3,272					1,037	624	89	824		4,986	4,713	223	19,280	18
8	5,573					230	190	19	21		910	760	160	8,785	19
4	2,307					824	396	418	10		6,720	6,695	25	11,630	20
42	24,844					2,022	1,182	103	487	\$300	16,558	16,393	165	60,315	21
470	264,815	169	40,151			177,446		19,222	158,224		1,317,776	1,206,671	111,105	2,255,388	22
1	624	2	820			2,349	1,838	52	459		5,954	5,754	200	17,543	23
73	48,816					16,520	3,200	812	12,508		146,176	145,124	1,052	257,778	24
10	6,215	1	555			1,254	872	131	251		5,893	5,442	451	19,338	25
25	15,103	11	6,113			5,135	2,570	276	2,119	170	10,593	9,929	664	54,843	26
2	1,200					401	348	27	26		3,393	3,344	49	8,405	27
11	5,966	1	250	1	\$200	3,051	1,096	70	1,885		6,469	6,374	95	20,180	28
1	822					1,225	1,170	31	124		2,027	1,971	56	10,680	29
25	11,058			5	950	1,977	1,480	144	353		14,392	13,682	710	41,756	30
1,896	1,017,658	618	191,055	75	13,475	261,816	18,271	29,594	210,533	3,418	4,088,020	4,031,805	56,215	6,441,053	31

flouring and grist mill products, 2; gas, illuminating and heating, 1; grease and tallow, 2; house furnishing goods, not elsewhere specified, 1; linen goods, 1; lock and gun smithing, 1; looking-glass and picture frames, 2; mattresses and spring beds, 1; optical goods, 1; plastering and stuccowork, 1; roofing and roofing materials, 2; screws, wood, 1; shirts, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woolen goods, 2; worsted goods, 2.

GLOUCESTER.

2,750	\$1,270,917	629	\$157,979			\$349,839	\$50,075	\$37,175	\$235,664	\$17,925	\$1,862,660	\$4,801,723	\$60,937	\$7,843,788	1
53	36,029	2	1,260			4,216	2,550	150	1,510		48,341	47,995	346	112,323	2
12	6,512					1,901	920	115	751	115	5,091	4,782	809	19,350	3
48	25,184					4,309	2,211	506	1,592		23,253	21,523	1,730	87,435	4
3	1,520					1,716	1,394	23	289		8,001	7,878	123	20,872	5
37	19,350	7	1,586			12,913	740	288	11,885		76,663	75,128	1,535	181,595	6
189	122,087					13,710	1,279	896	3,345	8,190	185,646	185,284	362	377,419	7
17	11,092	48	14,388			7,607	3,978	126	1,453	2,050	27,924	27,475	449	89,685	8
18	7,477	29	6,770			6,092	3,008	201	1,368	1,515	34,825	33,810	1,015	74,212	9
6	3,780	32	7,457			2,317	2,032	110	175		2,738	2,301	435	21,547	10
						1,154	750	65	339		14,996	14,706	230	24,250	11
1,051	380,222	103	18,431			100,759	12,605	12,787	74,567	800	2,845,657	2,838,111	7,546	3,746,326	12
95	57,680					8,637	524	1,399	6,714		91,789	81,630	10,150	215,773	13
5	3,540	2	600			1,671	1,021	25	225	400	15,907	15,810	97	25,965	14
48	27,836	19	5,246			31,999	850	2,809	23,840		239,133	226,201	12,932	362,755	15
361	146,690					16,419	855	2,784	12,780		26,129	23,397	2,732	213,118	16
101	53,934					1,357	213	93	1,051		34,933	34,896	37	106,776	17
		19	7,160			4,330	3,233	142	955		23,075	20,045	30	54,800	18
17	11,276	65	19,921			19,681	400	1,610	17,671		109,180	107,509	1,671	190,000	19
38	19,643	1	700			7,005	300	940	5,765		149,902	144,377	5,525	205,500	20
108	58,460					5,344	3,408	226	1,610	100	65,983	65,738	245	168,457	21
1	528	1	964			1,340	1,175		115	50	2,192	2,125	67	7,218	22
70	39,196	1	812			5,216	2,450	396	1,870	500	84,524	83,965	559	164,465	23
35	15,975	14	6,410			3,998	346	900	2,762		14,173	13,195	978	51,700	24
10	4,834					1,314	810	57	447		7,907	7,787	120	21,245	25
102	62,800					12,160	3,312	1,180	3,563	4,105	74,531	72,204	2,327	201,448	26
9	5,220					1,198	550	113	535		8,033	7,485	548	22,537	27
5	2,679	1	800			2,503	947	57	1,499		6,008	5,957	51	14,536	28
7	4,340					2,305	1,643	137	475		2,721	2,601	120	15,522	29
3	1,552					703	423	50	230		4,208	3,843	365	11,631	30
306	141,531	285	67,024			65,965	5,648	8,934	51,283	100	624,158	615,905	8,253	1,091,423	31

and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 2; monuments and tombstones, 1; paints, 2; patent medicines and compounds, 2; paving and paving materials, 1; plastering and stuccowork, 1; printing and publishing, book and job, 2; soap and candles, 1.

HAVERHILL.

7,270	\$3,909,154	3,274	\$1,114,133	56	\$12,595	\$1,336,232	\$190,125	\$41,962	\$369,620	\$728,525	\$15,628,972	\$15,497,631	\$131,341	\$24,987,073	1
9	5,468	1	875			1,680	1,239	56	385		5,156	4,637	519	19,900	2
33	22,153					4,436	4,031	80	325		15,823	14,561	1,262	66,801	3
608	295,858	172	50,370			49,938	27,423	4,770	17,745		2,756,987	2,742,835	14,152	3,495,438	4
128	56,130	35	11,225	4	550	33,856	7,382	1,001	5,186	20,287	594,923	591,473	3,450	811,515	5
11	6,380					3,221	2,755	16	150	300	11,379	11,049	330	38,385	6
4,842	2,580,164	2,493	871,277	41	10,560	1,031,796	78,882	17,915	258,510	676,439	9,344,823	9,293,180	51,143	15,231,440	7
55	32,242	103	35,494			7,793	4,655	841	2,297		188,570	185,509	3,061	246,125	8
45	19,086	1	850			2,499	1,000	121	1,378		55,921	53,741	2,180	88,847	9
51	23,342	13	5,472			7,446	6,454	261	781		87,249	83,033	4,216	180,087	10
37	19,475					975	400	210	365		12,074	924	11,150	44,375	11

TABLE 8.—MANUFACTURES IN CITIES

HAVERHILL—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
12 Carpentering.....	30	\$111,500	\$9,200	\$14,300	\$17,960	\$70,040	32	1	\$546	212	\$190,568
13 Carriages and wagons.....	3	19,000	4,650	5,750	2,600	8,000	4			14	8,000
14 Clothing, men's, custom work and repairing.	19	31,835			6,110	25,725	25	2	1,750	74	32,644
15 Clothing, women's, Dressmaking	48	17,900	1,100	5,500	5,760	5,540	50			81	25,174
16 Confectionery.....	3	3,075			1,225	1,850	4			4	2,160
17 Electrical construction and repairs.....	3	5,225			325	4,900	4	1	500	5	2,100
18 Flouring and grist mill products.....	4	34,550	400	11,500	7,400	15,250	4	3	1,150	6	2,900
19 Foundry and machine shop products.....	8	40,900	500	1,500	16,600	22,300	9	5	3,480	29	20,575
20 Furniture, cabinetmaking, repairing, and upholstering.	10	21,130			4,050	17,080	10	2	1,900	13	8,620
21 Lasts.....	5	51,450			24,500	26,950	8	6	6,750	42	27,650
22 Looking-glass and picture frames.....	3	2,368			317	2,051	3			2	768
23 Lumber and timber products.....	3	151,855	33,100	29,500	31,575	52,180	3	7	3,850	73	30,916
24 Masonry, brick and stone.....	7	25,375	1,550	2,100	4,850	16,875	9			67	38,320
25 Millinery, custom work.....	20	26,250			3,250	23,000	22	2	1,200	44	11,673
26 Models and patterns.....	6	7,650			4,000	3,650	6	2	1,800	11	6,530
27 Mucilage and paste.....	3	7,075			2,675	4,400	3	1	500	6	2,635
28 Painting, house, sign, etc.....	29	19,635	400	400	4,335	14,500	35	2	1,150	92	60,132
29 Photography.....	7	6,950			5,650	1,300	8	1	1,100	9	3,650
30 Plastering and stuccowork.....	3	3,850	300	100	375	3,075	6			18	7,000
31 Plumbing, and gas and steam fitting.....	13	61,925			7,375	54,550	19	7	3,100	81	44,543
32 Printing and publishing, book and job.....	12	44,625	1,000	500	27,300	15,825	16	4	2,630	49	26,251
33 Printing and publishing, newspapers and periodicals.	8	36,999			26,300	10,699	2	9	9,488	31	18,658
34 Saddlery and harness.....	6	7,640			1,190	6,450	7			9	5,335
35 Tinsmithing, coppersmithing, and sheet-iron working.	4	7,000			1,300	5,700	6	1	300	9	5,750
36 Tobacco, cigars and cigarettes.....	3	2,435			310	2,125	3	1	800	6	4,500
37 Vinegar and cider.....	4	12,075	1,075	1,200	5,900	3,900	4	2	1,500	5	1,955
38 Watch, clock, and jewelry repairing.....	16	10,950			4,225	6,725	18			17	10,160
39 All other industries ¹	50	1,576,121	70,100	209,308	515,359	781,354	57	51	36,595	902	394,876

¹ Embraces awnings, tents, and sails, 2; blacking, 2; cheese, butter, and condensed milk, factory product, 1; cutlery and edge tools, 2; dyeing and cleaning, 1; engraving and die-sinking, 1; food preparations, 2; fur goods, 1; fur hats, 1; gas, illuminating and heating, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; liquors, malt, 2; liquors, vinous, 1; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; mineral and soda waters, 2; monuments and

HOLYOKE.

1 All industries.....	433	\$26,760,031	\$2,823,067	\$4,356,437	\$6,524,352	\$13,056,125	395	628	\$843,399	13,454	\$5,730,998
2 Bicycle and tricycle repairing.....	10	8,224			3,540	4,684	14			10	4,927
3 Blacksmithing and wheelwrighting.....	17	30,857	4,900	8,980	4,400	12,577	17	1	624	28	17,295
4 Bookbinding and blank book making.....	11	1,095,703	37,629	144,187	184,358	730,534	5	70	60,206	537	243,337
5 Boots and shoes, custom work and repairing.....	45	8,899		750	4,132	3,967	32			16	8,413
6 Bottling.....	13	13,495			6,560	6,935	10	2	1,600	19	10,064
7 Bread and other bakery products.....	20	47,528	4,200	13,300	9,070	20,958	20	4	1,228	56	29,154
8 Carpentery.....	19	177,169	10,120	24,560	8,250	134,249	26	6	4,175	151	77,414
9 Carriages and wagons.....	3	75,071	16,736	24,700	8,905	24,730	9	4	2,964	45	28,622
10 Clothing, men's, custom work and repairing.....	18	23,955		850	2,570	20,535	18	1	520	53	28,321
11 Clothing, women's, dressmaking.....	30	5,435	300	700	4,120	3,315	31			68	19,961
12 Cotton goods.....	4	5,631,400	372,300	995,973	2,095,264	2,107,858		59	71,039	3,227	1,134,626
13 Dyeing and cleaning.....	4	3,890	500	1,500	1,450	440	4			6	3,393
14 Foundry and machine shop products.....	18	1,092,863	143,080	365,555	360,637	823,541	15	53	68,268	946	545,764
15 Furniture, cabinetmaking, repairing, and upholstering.....	4	1,725		800	375	550	6			4	2,250
16 Lock and gun smithing.....	3	1,000	100	200	115	585	2			3	1,730
17 Lumber, planing mill products, including sash, doors, and blinds.....	3	269,007	62,000	27,200	36,653	143,154	1	17	13,773	99	60,900
18 Marble and stone work.....	4	37,195	12,000	1,500	6,150	17,545	5			35	19,154
19 Masonry, brick and stone.....	7	37,582	7,520	17,000	9,235	53,777	10	2	2,058	109	65,442
20 Millinery, custom work.....	18	39,925	4,500	2,500	4,665	28,260	19	4	1,600	58	16,303
21 Monuments and tombstones.....	3	13,700		1,000	600	17,100	4			6	4,416
22 Painting, house, sign, etc.....	21	91,598	15,038	19,325	6,867	50,368	25	10	5,854	117	54,464
23 Paper and wood pulp.....	19	10,083,858	1,750,016	1,816,011	2,278,277	4,244,554	1	169	271,338	3,399	1,397,198
24 Paper goods, not elsewhere specified.....	4	320,336	10,000	31,000	103,879	675,457	1	28	59,696	395	176,858
25 Photography.....	3	13,350		200	6,050	7,600	9			7	3,175
26 Plastering and stuccowork.....	4	1,925			175	1,750	4			24	20,833
27 Plumbing, and gas and steam fitting.....	15	180,177	5,500	5,300	13,123	151,254	16	15	10,660	137	63,015
28 Printing and publishing, book and job.....	12	139,844			30,326	59,018	10	29	27,642	153	62,716
29 Printing and publishing, newspapers and periodicals.....	6	90,925	18,000	12,000	46,150	14,775	5	8	7,510	80	57,966
30 Roofing and roofing materials.....	4	13,796		2,950	1,785	14,061	4	2	1,350	22	12,300
31 Saddlery and harness.....	6	12,975			1,375	11,600	6			8	4,540

BY SPECIFIED INDUSTRIES: 1900—Continued.

HAVERHILL—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	
Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.									
212	\$190,563					\$9,508	\$697	\$703	\$2,608	\$5,500	\$184,275	\$184,212	\$63	\$404,802
14	8,600					613		203	400	10	12,855	11,885	470	33,800
34	19,415	40	\$13,229			6,465	4,940	207	1,318		44,509	43,502	947	118,482
5	3,900	76	21,274			4,638	4,351	70	217		22,619	22,009	610	91,241
2	1,500	2	660			2,300	2,160	15	125		6,661	6,538	123	15,409
5	2,100					910	644	48	218		10,340	10,285	61	16,025
6	2,900					1,159	510	139	460		103,788	103,032	736	124,147
29	20,575					3,718	2,185	223	1,810		23,492	21,692	1,800	61,813
13	8,620					2,065	1,547	803	215		10,780	10,354	426	80,210
42	27,650					3,807	2,330	212	1,265		17,473	14,732	2,741	80,300
2	768					623	540	23	60		2,432	2,420	12	6,530
37	18,950	36	11,966			5,064	880	1,134	3,050		112,212	109,812	2,400	191,109
67	38,320					1,008	187	121	700		48,282	48,150	132	104,247
		44	11,073			8,386	7,510	172	634		38,781	38,405	376	87,976
11	6,530					1,097	1,032	14	51		2,135	2,081	104	20,500
2	1,235	4	1,400			1,106	666	20	420		7,005	6,647	358	19,500
92	50,132					3,738	2,820	111	807		40,817	40,570	247	133,208
6	2,300	4	1,350			1,958	1,052	46	269		3,853	3,710	143	17,076
13	7,000					161	125	6	30		4,430	4,430		17,300
31	44,543					6,909	5,408	451	1,050		115,425	114,577	843	201,715
43	24,151	6	2,100			3,644	2,410	264	970		14,457	13,474	983	71,550
24	15,308	6	8,293	1	\$50	5,873	1,679	282	1,912	2,000	12,908	11,888	1,020	74,380
9	5,835					2,039	1,745	99	195		7,627	7,495	129	23,725
9	5,750					1,220	720	75	225	200	6,741	6,620	121	20,000
6	4,500					1,823	265	19	1,544		3,708	3,678	30	11,960
5	1,955					493		125	363		3,276	2,995	281	10,720
16	9,800	1	250			4,329	3,135	109	595	490	5,973	5,650	323	29,460
662	321,406	232	72,370	8	1,100	107,953	11,766	11,447	61,491	23,249	1,740,207	1,715,813	24,394	2,697,481

tombstones, 2; optical goods, 1; paving and paving materials, 2; pickles, preserves, and sauces, 2; roofing and roofing materials, 1; sewing machine repairing, 2; shirts, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; tools, not elsewhere specified, 1; wood, turned and carved, 2; wool hats, 1; woolen goods, 1; worsted goods, 2.

HOLYOKE.

7,705	\$4,025,971	5,150	\$1,535,232	599	\$119,795	\$1,976,024	\$117,682	\$233,212	\$1,352,301	\$267,829	\$13,673,969	\$13,017,007	\$656,362	\$26,233,964	1
9	4,667			1	260	1,745	1,378	56	811		5,771	5,697	74	20,564	2
28	17,295					2,437	1,913	211	313		12,010	11,368	642	62,420	3
292	158,733	264	80,733	31	3,321	95,511	4,613	5,962	84,936		708,762	697,646	6,116	1,254,943	4
16	8,413					8,507	8,340	10	157		14,684	14,323	366	48,109	5
19	10,064					3,726	2,340	172	1,214		34,971	34,559	412	60,092	6
50	23,254	6	900			7,344	5,219	233	1,842		92,845	89,838	2,507	133,176	7
151	77,414					131,576	813	957	4,933	124,870	295,334	295,604	230	634,174	8
45	23,622					3,305	313	733	1,104	600	15,105	14,377	723	77,093	9
35	22,973	18	5,348			6,972	4,989	179	729	75	36,192	35,801	391	96,057	10
		67	19,811	1	150	2,944	2,514	15	415		9,495	9,117	373	52,741	11
1,168	534,311	1,761	546,063	298	54,252	201,852	667	59,101	142,034		1,661,462	1,602,689	53,773	3,764,343	12
3	1,966	3	1,427			620	430	35	105		1,216	1,025	191	11,800	13
925	539,001	14	5,563	7	1,200	146,113	10,079	15,743	120,286		625,363	607,931	17,437	1,828,444	14
4	2,260					370	292	18	60		5,810	5,763	42	11,900	15
3	1,760					149	120	4	25		834	825	9	4,080	16
99	60,900					17,850		1,669	16,181		208,424	207,399	1,025	339,431	17
35	19,154					1,224	513	233	425		32,940	32,410	530	61,900	18
109	65,442					16,816	100	533	1,123	15,000	165,257	165,147	110	297,099	19
6	4,410	56	16,143	2	160	7,737	6,160	215	1,362		56,423	56,929	499	101,170	20
						1,059	690	87	232		11,491	11,465	26	25,500	21
117	54,464					5,793	3,598	690	1,505		53,913	53,590	323	146,918	22
1,930	993,037	1,462	402,701	7	1,440	707,635		103,023	604,657		4,525,435	4,055,696	409,739	8,109,435	23
211	126,150	170	47,918	14	2,790	87,232	7,530	8,632	76,120		885,778	873,753	7,025	1,234,417	24
4	1,950	8	1,225			2,499	1,947	59	436	57	4,343	4,336	212	21,306	25
24	20,353					810			810		17,900	17,850	50	46,200	26
137	68,615					12,734	5,476	1,123	6,135		133,733	131,739	1,994	302,977	27
110	50,361	33	7,350	15	4,005	31,553	6,025	561	24,757	210	80,037	78,323	1,759	237,643	28
68	51,392	10	5,762	2	312	6,232	1,436	697	2,799	1,350	24,637	22,965	1,672	140,030	29
22	12,300					1,333	322		933		15,307	15,258	49	40,057	30
8	4,540					2,331	2,019	125	187		4,543	4,352	196	16,305	31

TABLE 8.—MANUFACTURES IN CITIES

HOLYOKE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Num-ber of estab-lish-ments.	CAPITAL.					Propri-eters and firm mem-bers.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Average num-ber.	Wages.
32	Tobacco, cigars and cigarettes	10	\$34,967	\$2,775	\$2,825	\$815	\$28,552	11		41	\$24,890	
33	Watch, clock, and jewelry repairing	12	5,613			2,300	3,313	12		6	4,044	
34	Woolen goods	5	1,459,447	85,000	175,000	299,000	900,447	1	21	\$35,346	1,021	397,011
35	All other industries ¹	48	4,527,092	260,853	660,626	927,531	2,678,082	42	114	190,898	2,513	1,129,808

¹ Embraces awnings, tents, and sails, 1; belting and hose, leather, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; brassware, 1; brick and tile, 1; brooms and brushes, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; confectionery, 1; cutlery and edge tools, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 2; electroplating, 1; envelopes, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; hand stamps, 1; house furnishing goods, not elsewhere specified, 1; ironwork, architectural and ornamental, 1; lead, bar, pipe,

LAWRENCE.

1 All industries	546	\$49,914,085	\$3,867,090	\$5,957,185	\$11,734,372	\$3,355,438	581	681	\$1,011,243	22,358	\$8,972,310
2 Bicycle and tricycle repairing	14	26,990	2,250	3,550	7,685	18,505	20			13	7,709
3 Blacksmithing and wheelwrighting	19	26,713	8,000	3,800	5,158	9,760	18			29	19,296
4 Boots and shoes, custom work and repairing	47	14,468	450	550	4,385	9,083	43			29	13,769
5 Boots and shoes, factory product	3	199,916	100	200	17,545	182,071	5	9	10,850	287	137,530
6 Bottling	5	209,130	30,430	77,800	21,450	79,450	7	12	2,900	28	16,775
7 Bread and other bakery products	25	52,509	7,811	13,900	12,715	18,083	25	9	2,972	74	35,933
8 Brooms and brushes	5	9,448		1,400	1,550	6,498	7			13	7,212
9 Carpentering	37	194,168	12,297	22,431	31,455	127,985	50	1	858	413	217,476
10 Carriages and wagons	10	141,777	28,550	24,550	36,497	52,180	16	3	1,323	76	39,020
11 Clothing, men's, custom work and repairing	31	55,800			5,050	50,750	33	1	1,000	105	68,414
12 Clothing, women's, dressmaking	44	22,610	900	2,800	4,990	13,920	45			98	30,127
13 Confectionery	11	33,748	700	700	17,350	14,998	13	1	300	43	21,705
14 Cotton goods	7	12,218,152	1,259,400	1,877,108	3,822,224	5,259,420	1	78	156,122	6,007	2,336,201
15 Dyeing and cleaning	3	11,250		2,000	5,500	3,750	4	1	800	13	6,748
16 Dyeing and finishing textiles	8	324,680	49,688	79,402	101,697	93,863	1	11	19,475	199	71,019
17 Flouring and grist mill products	3	219,800	21,000	21,500	21,500	155,800	6	11	9,308	36	23,150
18 Foundry and machine shop products	26	1,047,708	114,357	289,613	353,552	890,186	26	65	66,278	822	429,569
19 Furniture, cabinetmaking, repairing, and upholstering	6	3,100			1,080	2,040	6			10	5,317
20 Kindling wood	3	4,700	2,000	500	700	1,500	4			4	1,900
21 Look and gun smithing	6	7,700	700	800	2,500	3,700	7			2	1,400
22 Lumber, planing mill products, including sash, doors, and blinds	3	256,465	39,000	70,056	27,971	119,488	1	13	12,439	128	72,982
23 Masonry, brick and stone	14	120,882	12,732	6,740	20,850	80,560	16	4	2,200	224	127,333
24 Millinery, custom work	27	60,837	2,000	1,500	1,812	55,525	29	3	1,500	77	27,621
25 Monuments and tombstones	4	17,870	7,300	2,450	2,870	5,250	6	1	800	16	12,996
26 Painting, house, sign, etc	32	45,075	2,800	2,750	9,675	29,850	39	2	660	118	63,136
27 Paper and wood pulp	5	1,319,729	133,889	426,251	370,914	418,675		26	52,914	441	199,473
28 Paving and paving materials	3	9,200	2,100	300	2,300	4,500	5			13	7,851
29 Photography	10	14,875			10,400	4,475	11			14	7,310
30 Plastering and stucco work	5	5,550	700	400	3,775	3,475	6			14	7,880
31 Plumbing, and gas and steam fitting	17	102,460	17,630	5,800	13,970	65,000	20	7	3,780	120	71,852
32 Printing and publishing, book and job	6	20,470	1,000	700	15,900	2,870	8	1	750	14	5,625
33 Printing and publishing, newspapers and periodicals	10	126,950	9,000	4,200	92,300	21,450	13	7	6,650	124	67,962
34 Saddlery and harness	10	12,460	720	800	1,715	9,725	10			6	3,720
35 Tinsmithing, copper smithing, and sheet-iron working	4	68,085	13,500	13,700	10,585	30,300	4	6	7,200	44	20,638
36 Tobacco, cigars and cigarettes	8	7,598		280	690	6,623	6			12	5,868
37 Watch, clock, and jewelry repairing	19	29,780	750	700	4,255	24,075	18			18	11,870
38 Wood, turned and carved	6	289,045	85,000	48,775	95,458	59,812	4	7	5,972	307	81,267
39 Woolen goods	3	446,621	33,300	106,535	121,505	185,281	2	15	25,417	457	183,078
40 Worsted goods	9	29,408,280	1,750,023	2,499,567	5,726,034	19,432,656	4	310	512,975	10,998	4,022,349
41 All other industries ¹	43	2,097,466	217,013	343,527	729,635	807,291	42	77	106,295	912	481,169

¹ Embraces awnings, tents, and sails, 1; belting and hose, leather, 2; billiard tables and materials, 1; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boxes, wooden packing, 2; brass castings and brass finishing, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; coffee and spice, roasting and grinding, 1; cotton small wares, 1; dye stuffs and extracts, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; files, 1; food preparations, 1; gas, illuminating and heating, 1; hosiery and knit goods, 1; jute and jute goods, 1;

LOWELL.

1 All industries	981	\$46,578,193	\$3,602,780	\$6,706,287	\$8,310,868	\$27,958,258	1,049	820	\$992,781	\$1,377	\$11,821,633
2 Bicycle and tricycle repairing	18	14,095		900	6,225	6,970	20	2	550	26	13,114
3 Blacksmithing and wheelwrighting	43	47,736	6,100	6,160	9,335	26,161	45	1	520	59	34,507
4 Boots and shoes, custom work and repairing	79	16,688	2,100	1,350	7,320	5,918	75			48	20,044
5 Boots and shoes, factory product	4	373,331	234	1,500	31,541	340,106	5	14	15,670	505	193,533
6 Boxes, wooden packing	7	443,483	152,023	98,267	71,353	121,845	10	13	9,876	261	104,061
7 Bread and other bakery products	57	140,669	19,700	38,500	40,522	41,947	71	84	12,163	199	98,923
8 Brooms and brushes	3	4,250			1,400	2,850	3			4	1,456
9 Carpentering	66	200,577	14,010	19,050	33,885	133,632	73	10	7,064	363	210,032
10 Carriages and wagons	9	88,249	20,000	12,550	7,011	42,688	12	4	1,650	74	44,729
11 Clothing, men's, custom work and repairing	38	48,565	1,220	980	3,835	42,630	39	13	5,113	129	59,133

BY SPECIFIED INDUSTRIES: 1900—Continued.

HOLYOKE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—Continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
35	\$22,557	5	\$2,073	1	\$260	\$9,005	\$970	\$151	\$7,884	-----	\$23,516	\$23,361	\$155	\$73,149	32
6	4,044	-----	-----	-----	-----	1,096	1,000	-----	96	-----	2,723	2,690	33	14,480	33
664	286,851	807	100,549	50	9,608	105,674	11,266	9,278	85,130	-----	770,692	740,515	21,177	1,424,897	34
1,872	747,155	971	341,116	170	41,537	350,040	28,952	32,414	162,907	\$125,767	3,106,453	3,044,951	61,502	5,460,494	35

and sheet, 1; lithographing and engraving, 1; looking-glass and picture frames, 2; lumber and timber products, 2; mineral and soda waters, 1; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 1; patent medicines and compounds, 1; paving and paving materials, 1; rubber and elastic goods, 1; screws, wood, 1; shoddy, 1; silk and silk goods, 2; tinsmithing, coppersmithing, and sheet-iron working, 2; trunks and valises, 1; vinegar and cider, 1; wire, 1; worsted goods, 1.

LAWRENCE.

12,998	\$5,929,767	8,512	\$2,856,361	818	\$186,182	\$2,210,145	\$107,659	\$251,432	\$1,524,398	\$326,650	\$26,175,644	\$25,593,234	\$582,410	\$44,703,278	1
13	7,709					3,359	1,694	234	761	650	14,054	13,109	949	35,385	2
28	18,996			1	300	2,799	2,282	220	847		10,587	9,545	1,012	43,322	3
29	13,769					5,993	5,138	190	665		14,650	13,949	701	53,254	4
212	109,205	75	28,325			9,628	2,506	376	6,746		559,426	558,115	1,311	766,443	5
28	16,775					29,585		1,560	27,975		183,486	178,310	5,176	267,352	6
57	30,815	15	4,763	2	355	8,349	4,282	475	3,592		116,967	112,081	4,886	201,087	7
13	7,212					1,492	927	85	480		18,862	18,676	180	35,085	8
413	217,476					126,529	940	1,014	11,110	113,465	440,196	437,834	2,362	883,345	9
76	39,020					4,431	926	465	2,690	350	54,164	52,215	1,949	123,501	10
70	45,248	35	18,166			11,384	8,610	289	2,485		56,734	55,727	1,007	171,384	11
1	1,060	97	29,067			5,612	4,385	102	1,125		27,545	26,697	848	92,931	12
28	16,700	14	4,905	1	100	8,653	6,442	226	1,985		59,403	58,012	1,891	120,534	13
2,921	1,251,282	2,899	1,042,076	187	42,843	596,148	202	94,257	387,107	114,582	4,227,857	4,115,651	111,706	8,146,594	14
7	4,283	6	2,460			1,907	1,452	33	422		1,614	799	815	14,500	15
153	57,158	46	13,861			8,999		3,870	5,120		122,593	98,002	24,591	239,017	16
36	23,150					19,388	1,200	1,938	16,250		1,304,945	1,300,145	4,800	1,608,224	17
757	407,698	64	21,634	1	187	70,203	8,100	9,492	52,091	550	566,877	540,712	25,665	1,333,833	18
10	5,317					1,269	943	15	301		6,694	6,617	77	19,450	19
4	1,900					360	264	61	35		4,235	4,097	138	9,715	20
2	1,400					688	491	64	183		2,330	2,201	129	7,050	21
128	72,982					18,487	64	1,289	16,384	800	124,814	124,164	650	248,700	22
224	127,333					54,449	790	601	4,199	48,859	195,859	194,694	1,165	423,823	23
1	300	76	27,321			16,658	13,393	524	2,741		52,234	51,821	913	129,338	24
16	12,996					1,097	540	148	409		11,555	11,025	530	32,850	25
116	62,521	1	225	1	390	6,417	3,038	259	2,920	200	36,582	36,161	421	138,892	26
372	182,714	69	16,759			70,394	62	9,300	61,082		624,188	530,856	93,332	1,070,415	27
13	7,851					2,544	60	62	2,422		10,723	10,548	175	28,965	28
10	5,410	4	1,900			4,607	3,516	136	965		9,046	8,670	375	30,663	29
14	7,880					512	210	26	276		9,198	9,158	40	22,913	30
119	71,552	1	300			8,193	3,890	775	3,628		111,754	110,817	937	245,468	31
12	5,100	1	375	1	150	1,673	1,126	80	467		8,719	8,566	153	22,199	32
111	62,456	8	4,534	5	972	10,806	3,560	775	6,471		88,992	85,356	3,636	163,775	33
6	3,720					2,016	1,500	93	223	200	6,583	6,341	192	19,450	34
48	20,388	1	250			1,591	420	575	596		54,882	53,085	1,297	98,584	35
10	5,548	1	200	1	120	8,266	961	66	2,339		9,463	9,368	100	24,387	36
17	11,470	1	400			8,588	6,059	218	2,311		13,099	12,571	528	54,512	37
307	81,267					6,628	1,507	827	4,294		150,239	149,820	1,919	269,962	38
284	119,747	182	68,942	21	4,589	70,798	492	5,268	48,333	16,270	593,301	584,430	8,871	906,603	39
5,483	2,318,103	4,925	1,569,070	590	185,176	852,131	5,652	96,123	719,621	30,730	15,334,169	15,083,940	250,229	24,673,138	40
884	474,251	21	5,718	7	1,200	162,474	10,085	19,452	122,937		983,576	961,357	27,219	1,920,682	41

leather goods, 2; liquors, malt, 1; marble and stone work, 1; mineral and soda waters, 2; models and patterns, 1; musical instruments, pianos and materials, 1; paper hanging, 1; patent medicines and compounds, 1; roofing and roofing materials, 2; sausage, 2; sewing machines and attachments, 1; ship and boat building, wooden, 1; soap and candles, 2; wool scouring, 2.

LOWELL.

17,082	\$7,862,328	12,986	\$3,710,401	1,309	\$248,904	\$4,639,877	\$234,276	\$413,044	\$3,814,451	\$173,106	\$21,727,844	\$21,132,505	\$595,339	\$44,774,625	1
26	13,114					4,153	3,088	96	969		12,783	12,265	468	39,477	2
56	94,059			3	448	7,549	5,338	231	1,980		85,898	83,780	2,118	127,174	3
46	19,904	2	140			7,708	6,698	101	909		32,287	31,752	535	101,008	4
300	153,343	154	52,276	51	7,914	36,340	5,402	798	30,140		674,657	672,137	2,520	957,085	5
260	103,781			1	280	29,525	1,912	4,871	22,742		343,458	343,258	200	517,665	6
164	88,258	32	10,172	3	493	34,001	17,093	1,957	14,951		324,573	314,461	10,112	588,676	7
2	832					422	335	12	74		5,351	5,291	60	10,760	8
368	210,032	2	624			181,706	4,941	770	13,665	112,330	371,113	370,203	910	846,033	9
74	44,729					10,673	3,809	386	5,378	600	39,088	37,403	1,685	119,115	10
69	39,083	60	20,100			15,596	10,089	368	4,903	236	68,684	68,290	404	136,540	11

TABLE 8.—MANUFACTURES IN CITIES

LOWELL—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Clothing, women's, dressmaking	155	\$41,055	\$2,460	\$2,420	\$14,776	\$21,399	156	3	\$1,640	328	\$98,639
13	Confectionery	10	8,220	600	400	2,495	4,725	10	5	805	9	4,104
14	Cotton goods	8	21,354,927	1,301,438	3,795,104	3,826,095	12,432,290	2	115	243,230	13,730	4,784,706
15	Dyeing and cleaning	7	5,525	800	700	3,150	875	7	1	300	12	4,971
16	Electrical construction and repairs	6	30,938			1,870	29,068	9	7	2,683	25	11,413
17	Flouring and grist mill products	3	12,000	2,000	2,000	4,600	3,400	3	1	312	2	1,467
18	Food preparations	3	6,550	2,000	2,500	1,050	1,100	3	1	1,000	7	1,288
19	Foundry and machine shop products	47	6,144,897	413,549	583,085	532,186	4,611,077	52	98	158,494	2,938	1,477,419
20	Furniture, cabinetmaking, repairing, and upholstering.	14	26,326	1,700	1,300	3,105	20,221	20	1	300	30	15,589
21	Furniture, factory product	3	29,900			5,400	24,500	3	1	468	45	16,800
22	Hand stamps	4	2,525			1,710	816	4	1	150	3	1,705
23	Hosiery and knit goods	8	3,135,987	271,705	460,209	561,773	1,842,300	1	57	73,949	4,165	1,276,372
24	Leather, tanned, curried, and finished	3	1,437,948	12,500	150,076	235,296	1,040,076	4	9	22,475	543	204,671
25	Lock and gun smithing	6	2,525			1,025	1,500	6	6		3	1,118
26	Looking-glass and picture frames	7	10,775	800	700	850	8,425	8	2	450	27	12,554
27	Lumber, planing mill products, including sash, doors, and blinds.	4	145,683	14,000	8,000	13,729	109,954	6	2	1,248	87	48,432
28	Marble and stone work	3	21,348	2,000	5,030	4,885	9,453	4	1	100	6	3,133
29	Masonry, brick and stone	26	97,901	4,576	8,900	36,295	48,130	30	3	2,568	362	139,942
30	Millinery, custom work	37	81,834	1,700	3,700	3,800	73,134	41	41	13,315	145	52,583
31	Mineral and soda waters	4	100,254	4,250	13,500	22,348	60,156	2	6	8,370	51	24,765
32	Monuments and tombstones	9	23,555	1,425	2,175	4,165	15,790	14	1	400	39	21,577
33	Painting, house, sign, etc	47	41,631	3,925	785	5,825	31,096	56	5	2,216	147	74,088
34	Paper hanging	6	25,638			8,813	16,825	7	5	2,656	43	20,512
35	Patent medicines and compounds	10	824,412	103,300	124,300	132,108	464,704	10	10	119,632	391	140,921
36	Photography	14	22,725	1,000	4,000	8,700	9,025	14	4	1,564	21	8,725
37	Plastering and stucco work	7	7,220		10	2,540	4,070	9	1	800	28	20,791
38	Plumbing, and gas and steam fitting	34	177,196	13,848	27,390	10,195	125,763	40	26	18,185	157	90,635
39	Printing and publishing, book and job	16	64,932			43,084	21,848	21	8	2,811	53	28,582
40	Printing and publishing, newspapers and periodicals.	6	166,065			110,000	55,999	5	39	34,346	152	94,005
41	Roofing and roofing materials	9	19,815	2,200	2,960	3,130	11,525	10	1	300	25	12,976
42	Rubber and elastic goods	3	136,215	14,500	25,286	46,963	49,466	2	7	7,467	103	23,433
43	Saddlery and harness	13	24,295	7,550	3,900	4,200	8,645	12	4	1,710	21	11,896
44	Tinsmithing, copper-smithing, and sheet-iron working.	12	36,100	500	1,500	10,294	23,306	14	9	3,455	40	22,630
45	Tobacco, cigars and cigarettes	4	113,900	56,000	13,500	800	43,600	4	3	2,469	27	13,660
46	Watch, clock, and jewelry repairing	24	10,785			4,835	5,900	21			19	11,993
47	Wirework, including wire rope and cable.	4	40,100	8,000	4,000	3,400	19,700	2	5	4,896	67	27,166
48	Wood, turned and carved	4	158,163	12,000	31,632	64,783	49,748	3	3	2,580	259	69,764
49	Woolen goods	5	3,392,280	437,000	237,278	401,000	2,267,002		37	63,262	1,573	566,059
50	Worsted goods	3	781,644	800	3,500	112,335	665,009	4	14	18,459	923	315,709
51	All other industries ¹	69	6,436,605	633,267	1,002,200	1,840,237	2,960,901	77	36	121,110	8,098	1,224,808

¹ Embraces ammunition, 1; artificial limbs, 1; awnings, tents, and sails, 2; belting and hose, leather, 2; bookbinding and blank book making, 2; boot and shoe cut stock, 1; boot and shoe findings, 2; bottling, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carpets and rugs, other than rag, 1; cleansing and polishing preparations, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; corsets, 1; cotton small wares, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electroplating, 1; engraving and diesinking, 1; engraving, wood, 1; files, 1; flavoring extracts, 2; gas, illuminating and heating, 1; glue, 1; hats and caps, not including fur hats and wool hats, 1; iron and steel, bolts, nuts, washers,

LYNN.

		776	\$17,011,761	\$484,726	\$1,276,559	\$3,279,871	\$11,970,605	959	1,231	\$980,868	17,492	\$8,576,042
1	All industries											
2	Bicycle and tricycle repairing	14	9,815	200	190	4,975	4,450	15			11	5,337
3	Blacking	12	52,011	500	500	7,126	43,885	13	17	10,155	16	10,638
4	Blacksmithing and wheelwrighting	32	48,560	4,250	10,850	13,685	19,825	32	1	600	55	32,059
5	Boot and shoe cut stock	60	2,566,045	45,900	109,600	139,679	2,270,866	37	64	58,406	1,049	436,408
6	Boot and shoe findings	24	251,395	8,200	2,900	52,535	187,760	37	29	21,825	359	120,905
7	Boots and shoes, custom work and repairing	51	16,604	1,200	1,150	8,022	6,232	51			22	8,640
8	Boots and shoes, factory product	123	5,570,928	20,750	93,006	1,277,788	4,179,384	185	504	403,238	8,652	4,203,719
9	Boxes, fancy and paper	7	233,153	21,100	31,389	64,643	116,021	6	19	15,752	202	113,558
10	Bread and other bakery products	28	82,035	15,200	19,400	23,855	18,640	29	14	6,100	103	54,494
11	Brick and tile	3	62,550	15,500	4,800	2,400	40,150	3			17	9,748
12	Carpentering	36	276,113	33,150	44,000	61,408	137,555	42	5	2,870	232	154,043
13	Carriages and wagons	8	100,798	11,600	26,500	24,100	38,598	11	2	5,800	72	48,274
14	Clothing, men's, custom work and repairing	36	85,015			10,238	74,727	40	5	2,900	165	76,784
15	Clothing, men's, factory product	3	12,055		2,100	2,380	7,575	4	3	1,220	14	4,840
16	Clothing, women's, dressmaking	11	3,160			1,035	2,125	11			27	8,565
17	Confectionery	8	33,345	1,700	5,500	7,729	18,416	9	4	1,920	89	17,513
18	Cutlery and edge tools	6	18,200	3,500	1,700	6,550	6,450	7	2	1,040	20	12,866
19	Electrical apparatus and supplies	3	2,908,116	42,500	526,000	392,624	1,946,992	2	313	235,980	3,166	1,721,442
20	Electrical construction and repairs	4	18,018	500	300	2,204	15,009	7			26	16,100
21	Foundry and machine shop products	28	561,820	22,500	27,600	198,255	318,465	35	35	32,296	441	248,806

BY SPECIFIED INDUSTRIES: 1900—Continued.

LOWELL—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1	\$472	327	\$98,167			\$20,321	\$16,774	\$145	\$3,402		\$96,023	\$95,061	\$992	\$310,097	12
6	3,285	3	819			5,234	4,024	66	1,144		20,053	19,637	416	40,329	13
6,293	2,709,165	6,798	1,936,934	644	\$188,607	1,397,294	2,692	207,295	1,183,180	\$4,157	8,774,009	8,505,575	268,434	17,038,576	14
7	3,078	5	1,893			3,063	2,038	123	702	200	2,443	1,732	711	16,186	15
25	11,418					2,871	1,600	53	1,218		17,974	17,410	564	50,405	16
2	1,407					1,133	550	107	476		55,766	54,960	806	62,790	17
1	400	1	200	5	688	655	280	65	310		4,491	4,340	151	9,099	18
2,921	1,478,461	12	2,946	5	1,012	400,289	11,885	42,893	299,367	46,644	1,601,056	1,550,160	50,896	4,258,047	19
27	14,664	3	925			3,791	2,279	129	1,833		34,351	34,107	244	67,937	20
44	16,450	1	350			3,739	2,452	117	1,170		19,209	18,689	520	52,800	21
2	1,555	1	150			678	576	2	100		919	851	68	7,404	22
1,068	475,006	2,800	753,337	297	47,979	218,062	290	33,445	184,327		1,153,237	1,117,761	35,486	3,148,110	23
543	264,671					17,885	1,600	3,729	12,656		1,173,366	1,141,439	31,927	1,780,658	24
3	1,118					940	630	11	299		1,651	1,436	115	6,460	25
27	12,554					3,804	2,160	126	1,218	300	13,237	13,182	55	40,255	26
87	48,432					10,249	3,122	1,299	5,828		123,942	121,542	2,400	210,499	27
6	3,133					963	176	146	641		1,172	1,114	58	7,637	28
362	139,942					20,269	1,229	599	15,441	3,000	175,768	174,357	1,411	417,676	29
45	19,639	144	52,442	1	141	31,777	22,023	969	8,785		137,028	136,819	209	280,107	30
		6	4,921	1	195	16,357	1,038	450	14,869		35,494	34,784	710	94,873	31
39	21,577					2,269	287	472	1,510		8,808	8,190	118	49,595	32
147	74,638					10,589	5,561	225	4,803		47,790	47,535	255	178,210	33
43	20,512					4,335	2,914	210	1,211		34,862	34,738	74	76,341	34
197	88,961	192	61,418	2	542	1,075,238	1,664	7,469	1,066,105		404,787	401,170	3,567	1,784,338	35
13	5,917	8	2,808			8,388	5,213	224	2,251	700	10,871	10,242	129	41,071	36
28	20,791					1,777	625	11	1,141		17,416	17,404	12	48,343	37
157	90,535					28,959	8,303	1,826	13,330		199,198	197,308	1,890	999,407	38
49	27,537	1	605	3	450	7,873	4,595	344	2,919	15	29,435	27,230	2,155	85,790	39
136	33,405	13	10,210	3	390	29,682	6,038	1,462	21,532		80,797	77,840	2,957	299,041	40
24	12,880			1	96	3,042	551	86	2,405		47,567	47,442	125	74,649	41
36	12,118	67	11,315			6,389	60	979	5,350		91,946	88,406	3,540	152,329	42
21	11,896					2,334	1,464	192	723		27,630	27,415	224	51,410	43
39	22,430			1	200	6,034	2,753	332	2,644	305	31,042	30,499	543	82,281	44
21	12,334	5	1,166	1	160	5,082	220	208	4,654		16,257	16,147	110	40,785	45
19	11,993					6,492	5,483	122	787	100	5,023	4,835	193	37,078	46
58	25,408	1	364	8	1,894	3,419	1,364	445	1,610		30,170	28,703	1,467	89,283	47
250	68,424			9	1,340	6,507	744	858	4,905		73,821	71,730	2,091	169,230	48
934	377,499	607	133,334	32	5,226	184,564	6,400	30,324	147,340		1,999,682	1,955,489	44,173	3,275,013	49
358	156,766	495	146,835	70	12,108	83,981	16,261	3,251	61,050	3,419	803,184	770,658	32,626	1,413,652	50
1,678	829,667	1,252	965,900	168	29,241	730,826	26,602	62,175	635,949	6,100	2,419,683	2,335,143	84,540	5,082,006	51

and rivets, 1; ironwork, architectural and ornamental, 1; leather goods, 2; liquors, malt, 1; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 1; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; needles and pins, 1; paper goods, not elsewhere specified, 2; paving and paving materials, 2; perfumery and cosmetics, 1; pickles, preserves, and sauces, 2; sausage, 1; scales and balances, 2; screws, machine, 2; sewing machine repairing, 1; shirts, 1; soap and candles, 1; sporting goods, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 2; stereotyping and electrotyping, 1; taxidermy, 1; trunks and valises, 1; vinegar and cider, 1; windmills, 1.

LYNN.

12,852	\$3,943,745	5,035	\$1,000,722	105	\$26,575	\$2,270,595	\$320,791	\$75,271	\$1,618,382	\$256,151	\$25,456,798	\$25,240,548	\$216,250	\$41,633,845	1
11	5,337					1,938	1,549	51	288	50	11,806	11,515	291	26,430	2
16	10,033					16,371	5,930	143	10,798		65,611	65,191	420	172,054	3
54	32,409			1	250	4,326	3,284	366	676		33,894	32,072	1,322	110,230	4
857	384,347	191	53,801	1	260	134,808	35,453	10,433	86,567	2,300	6,225,491	6,212,802	12,639	7,335,106	5
237	98,748	120	27,757	2	400	22,157	10,655	942	10,560		527,868	525,133	2,735	765,797	6
20	7,840	2	800			6,535	5,494	32	759	250	20,264	19,805	459	61,703	7
5,047	2,999,663	3,600	1,202,444	5	1,607	798,851	115,665	16,562	433,631	182,993	10,298,891	10,231,766	67,125	16,330,733	8
117	56,586	175	61,972			22,010	4,930	2,136	14,844		213,365	210,316	3,049	413,563	9
86	48,697	17	5,897			12,238	7,833	542	3,533	330	147,660	142,897	4,763	233,456	10
17	9,748					650	300	350			5,470	970	4,500	23,750	11
232	154,043					62,313	4,799	1,702	3,298	52,521	329,351	325,829	3,522	637,337	12
72	43,274					6,715	4,010	910	1,795		54,156	52,313	1,838	91,299	13
75	44,545	90	32,189			17,567	10,854	172	3,431	3,100	80,070	79,027	1,043	233,303	14
2	986	12	3,854			2,422	416	89	1,917		19,219	13,933	286	34,185	15
1	850	26	7,715			1,570	1,495		75		3,230	3,152	78	19,700	16
84	16,420	5	1,093			9,688	3,835	103	5,690		46,075	44,995	1,081	93,978	17
20	12,866					1,460	945	121	394		4,724	4,159	565	30,550	18
2,731	1,539,179	344	109,109	91	23,154	113,856	4,162	16,250	93,444		3,031,645	3,021,770	9,875	5,340,663	19
26	15,100					1,063	635	68	380		30,103	29,941	162	56,437	20
441	243,806					46,892	16,410	2,090	23,022	5,370	263,540	248,877	14,663	358,564	21

TABLE 8.—MANUFACTURES IN CITIES

LYNN—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.		
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.		
											Average number.	Wages.	
22	Furniture, cabinetmaking, repairing, and upholstering.	8	\$8,450				\$3,000	\$5,450	10	1	\$715	9	\$5,260
23	Lasts	5	77,897	\$5,000	\$6,500		27,005	39,392	10	6	5,410	63	36,490
24	Leather, tanned, curried, and finished.	12	1,031,025	18,300	45,000		125,216	842,509	17	51	35,162	638	282,318
25	Lock and gun smithing	6	2,623		88		1,660	923	6			2	750
26	Marble and stone work	8	68,765	7,000	4,100		27,700	29,965	5	1	780	30	14,892
27	Masonry, brick and stone	11	66,475	7,800	10,700		11,450	36,525	13	5	3,100	121	48,632
28	Millinery, custom work	16	42,835		5,000		660	37,175	18	18	6,552	33	12,110
29	Mineral and soda waters	5	61,600	11,000	18,000		15,150	17,450	4	1	600	24	15,196
30	Models and patterns	13	29,591	300	350		15,229	13,712	19	3	2,250	58	20,632
31	Monuments and tombstones	4	27,622	300	3,600		1,571	22,151	6			17	13,271
32	Painting, house, sign, etc.	32	50,605	4,380	2,700		12,130	31,895	38	1	780	119	69,711
33	Patent medicines and compounds	5	741,010	4,946	72,712		13,337	650,015	3	15	18,400	324	44,074
34	Photography	7	19,834				8,337	11,497	7			7	8,440
35	Plumbing, and gas and steam fitting.	30	90,403	100	500		17,429	72,374	38	13	6,254	140	83,808
36	Printing and publishing, book and job.	14	104,141				75,773	28,368	18	8	6,050	83	41,751
37	Printing and publishing, newspapers and periodicals.	5	107,700	14,000	26,000		34,800	32,900	4	8	6,482	77	49,756
38	Saddlery and harness	8	40,823	5,000	12,500		3,550	19,773	8			10	5,040
39	Sewing machine repairing	4	2,225				1,075	1,150	2			4	2,913
40	Soap and candles	3	130,287	37,100	19,100		12,265	61,822	4	8	6,000	39	17,448
41	Tobacco, cigars and cigarettes	8	23,175				975	22,200	9	5	3,000	16	12,920
42	Tools, not elsewhere specified	4	10,893	500	1,000		5,707	3,186	5			10	4,405
43	Watch, clock, and jewelry repairing	17	14,905		2,000		7,675	5,230	17			10	5,450
44	All other industries ¹	59	1,349,286	120,760	139,274		551,946	537,316	67	70	79,381	880	468,491

¹ Embraces artists' materials, 1; awnings, tents, and sails, 2; bookbinding and blank book making, 2; bottling, 2; boxes, wooden packing, 1; brooms and brushes, 1; carriage and wagon materials, 1; clothing, women's, factory product, 2; cooperage, 1; dyeing and cleaning, 1; fancy articles, not elsewhere specified, 2; flavoring extracts, 2; flouring and grist mill products, 1; food preparations, 1; fur goods, 1; fur hats, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; lard, refined, 1; leather goods, 2; liquors, vinous, 1; looking-glass and picture frames, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 1; mucilage and paste, 2;

MALDEN.

1 All industries	242	\$5,906,279	\$322,972	\$511,851	\$852,160	\$4,219,296	261	129	\$138,575	3,082	\$1,520,638
2 Bicycle and tricycle repairing	6	3,250		200	2,250	800	8			4	2,235
3 Blacksmithing and wheelwrighting	21	14,433	500	875	5,593	7,515	23			28	17,425
4 Boots and shoes, custom work and repairing.	19	4,398	300	400	2,415	1,283	19			9	3,971
5 Bread and other bakery products	8	13,310	750	400	7,010	5,150	8	6	3,120	31	17,400
6 Carpentering	39	187,095	7,500	9,900	14,250	105,445	44	2	1,120	249	165,447
7 Clothing, men's, custom work and repairing.	10	9,640			1,915	7,725	11			23	12,563
8 Clothing, women's, dressmaking	17	1,926			1,271	655	18			23	8,422
9 Confectionery	3	6,824			4,850	1,974	3	10	1,804	5	2,164
10 Furniture, cabinetmaking, repairing, and upholstering.	4	2,480			350	2,130	5			9	4,850
11 Lumber, planing mill products, including sash, doors, and blinds.	3	32,850		1,500	6,500	24,850	3			41	22,474
12 Masonry, brick and stone	6	10,328			7,628	2,700	7			80	36,545
13 Millinery, custom work	8	15,682	5,300	2,790	317	7,275	8			24	9,424
14 Painting, house, sign, etc.	18	11,485	900	750	4,220	5,615	19			40	26,672
15 Photography	3	3,775		150	2,850	775	3				
16 Plastering and stucco work	5	1,920			620	1,300	8			14	10,053
17 Plumbing, and gas and steam fitting	12	19,880			3,650	16,210	14	7	2,747	81	24,580
18 Printing and publishing, book and job.	7	21,845			19,000	2,845	9			23	9,965
19 Printing and publishing, newspapers and periodicals.	3	39,507	10,000	1,500	19,059	8,948	1	6	6,572	18	7,666
20 Saddlery and harness	3	3,475			725	2,750	3			4	2,500
21 Tinsmithing, coppersmithing, and sheet-iron working.	3	8,959			3,534	5,425	3	8	1,750	8	3,083
22 Watch, clock, and jewelry repairing	4	2,100			1,400	700	5			1	675
23 All other industries ¹	40	5,541,087	297,722	493,386	742,753	4,007,226	39	95	116,462	2,417	1,132,530

¹ Embraces bookbinding and blank book making, 1; boots and shoes, rubber, 1; boxes, wooden packing, 1; brooms and brushes, 1; carriages and wagons, 1; chemicals, 1; cordage and twine, 1; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hosiery and knit goods, 1; lasts, 2; leather, tanned, curried, and finished, 1; lock and gun smithing, 1; marble and

NEW BEDFORD.

1 All industries	618	\$29,073,410	\$1,234,080	\$5,191,403	\$12,125,407	\$10,522,520	681	487	\$560,457	16,409	\$5,730,793
2 Bicycle and tricycle repairing	23	80,205	3,220	7,755	7,330	11,900	23	2	1,212	25	11,330
3 Blacksmithing and wheelwrighting	39	49,145	8,120	10,050	9,300	21,675	42			44	25,281
4 Boots and shoes, custom work and repairing.	71	19,125	1,150	2,150	9,380	6,445	72			18	9,212
5 Bottling	6	35,350	6,500	9,800	10,000	9,050	11	2	1,404	37	13,500
6 Bread and other bakery products	32	216,385	21,000	36,100	97,950	61,335	35	41	24,428	181	91,977

LYNN-Continued.

musical instruments and materials, not specified, 2; needles and pins, 1; oil, not elsewhere specified, 1; ordnance and ordnance stores, 1; paper hanging, 1; paper hangings, 1; paving and paving material, 1; phonographs and graphophones, 1; plumbers' supplies, 1; roofing and roofing materials, 2; rubber and elastic goods, 1; sand and emery paper and cloth, 1; shirts, 1; stencils and brands, 2; surgical appliances, 1; taxidermy, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; wood, turned and carved, 1.

MALDEN.

stone work, 1; mineral and soda waters, 1; monuments and tombstones, 1; paints, 1; paper hanging, 2; patent medicines and compounds, 2; paving and paving materials, 2; rubber and elastic goods, 2; sand and emery paper and cloth, 1; soap and candles, 1; taxidermy, 1; tobacco, cigars and cigarettes, 1; wirework, including wire rope and cable, 1.

NEW BEDFORD.

9,704	\$4,576,957	5,759	\$1,941,115	946	\$212,721	\$1,708,408	\$91,280	\$367,662	\$1,204,196	\$40,270	\$12,727,776	\$12,807,450	\$420,826	\$25,681,671	1
24	11,030			1	800	5,625	8,867	269	1,989		21,228	20,147	1,076	58,898	2
43	25,181			1	150	5,972	4,859	257	1,356		28,804	22,148	1,656	98,662	3
17	9,082			1	150	5,988	5,372	68	548		28,772	27,219	1,053	83,961	4
37	18,500					6,424	1,200	609	4,615		76,042	75,227	815	117,800	5
158	83,707	23	8,270			34,987	6,787	1,125	27,075		242,266	235,594	6,872	469,900	6

TABLE 8.—MANUFACTURES IN CITIES

NEW BEDFORD—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
7	Carpentering	33	\$151,490	\$9,150	\$18,740	\$20,025	\$103,575	37	8	\$4,904	232	\$150,315
8	Carriages and wagons	9	181,733	86,000	44,200	8,150	93,383	9	5	4,072	76	47,402
9	Clothing, men's, custom work and repairing.	27	36,982	700	1,350	2,285	32,647	32	1	182	56	22,109
10	Clothing, women's, dressmaking	45	44,610	4,400	9,500	6,710	24,000	49			146	42,037
11	Confectionery	5	51,395	23,400	18,000	4,165	5,830	7	16	6,487	13	7,492
12	Cooperage	3	2,400		400	600	1,400	4			5	2,700
13	Cotton goods	15	21,870,988	766,538	4,125,875	10,168,007	6,820,568	140	253,369		12,286	4,602,769
14	Foundry and machine shop products	17	370,204	25,100	25,100	123,995	196,009	17	25	21,915	196	123,574
15	Furniture, cabinetmaking, repairing, and upholstering.	10	4,970			1,380	3,590	12			11	6,424
16	Glass, cutting, staining, and ornamenting.	4	34,000			6,200	27,800	4	2	1,864	37	24,850
17	Lock and gun smithing	3	2,625			1,075	1,550	3			2	1,056
18	Looking-glass and picture frames	6	12,925	600	2,400	1,725	8,200	7	1	1,000	10	8,925
19	Lumber, planing mill products, including sash, doors, and blinds.	4	59,207	9,000	8,200	21,278	20,729	8	1	624	38	21,058
20	Marble and stone work	5	11,880	3,000	1,100	830	6,950	6	1	1,200	7	5,224
21	Masonry, brick and stone	14	67,060	16,800	6,600	16,885	26,775	18	1	400	105	62,930
22	Millinery, custom work	26	29,390	1,800	200	2,840	25,050	29	7	3,176	56	16,373
23	Monuments and tombstones	4	12,330	2,500	2,150	780	6,900	4			11	7,130
24	Oil, not elsewhere specified	4	190,495	11,500	8,500	10,085	160,410	5	10	10,764	44	21,501
25	Painting, house, sign, etc	37	102,515	17,125	12,050	10,705	62,635	44	6	8,100	128	89,071
26	Paints	3	86,767	2,500	2,500	9,000	72,767	7	4	3,560	8	4,944
27	Photography	15	17,075	1,000	1,000	8,850	6,225	15			9	3,731
28	Plumbing, and gas and steam fitting	26	125,700	8,500	14,800	15,300	87,100	33	11	5,784	145	82,088
29	Printing and publishing, book and job	8	29,613	2,000	2,000	14,300	11,313	9	4	1,928	26	11,658
30	Printing and publishing, newspapers and periodicals.	6	118,242			52,376	65,866	10	20	32,780	96	62,644
31	Roofing and roofing materials	5	23,470	4,800	1,700	4,820	12,150	7	2	950	31	11,604
32	Saddlery and harness	9	24,090	10,700	6,900	1,765	4,725	10	1	600	13	7,692
33	Ship and boat building, wooden	11	13,650	1,100	2,700	5,325	4,525	13			22	12,780
34	Tinsmithing, coppersmithing, and sheet-iron working.	5	4,200	300	500	750	2,650	5			4	2,312
35	Tobacco, cigars and cigarettes	5	14,600			1,500	13,100	6	2	1,200	14	6,918
36	Watch, clock, and jewelry repairing	21	11,250			5,780	5,470	21			21	12,663
37	All other industries ¹	62	5,017,344	235,577	809,083	1,474,461	2,498,223	67	174	179,604	2,256	1,097,444

¹ Embraces awnings, tents, and sails, 2; bookbinding and blank book making, 1; boot and shoe cut stock, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass and copper, rolled, 1; brass castings and brass finishing, 2; brooms and brushes, 1; buttons, 1; cars and general shop construction and repairs by street railroad companies, 1; chemicals, 1; coffee and spice, roasting and grinding, 1; cordage and twine, 2; dyeing and cleaning, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; flags and banners, 1; flavoring extracts, 1; flouring and grist mill products, 1; furniture, factory product, 2; gas, illuminating and heating, 1; glass, 1; grease and tallow, 1;

NEWTON.

1 All industries	297	\$5,105,196	\$375,183	\$711,038	\$1,186,418	\$2,882,512	317	134	\$166,646	3,094	\$1,581,887
2 Bicycle and tricycle repairing	7	15,150			5,510	9,640	6	2	850	8	6,140
3 Blacksmithing and wheelwrighting	18	53,894	18,950	11,300	5,425	18,219	21	1	500	40	25,546
4 Boots and shoes, custom work and repairing.	23	4,704			2,585	2,119	19			7	3,636
5 Bread and other bakery products	9	9,280	700	1,000	4,190	8,340	10			12	5,792
6 Carpentening	43	358,031	17,475	44,150	59,123	237,283	48	17	19,350	538	332,630
7 Carriages and wagons	6	216,950	27,500	39,000	12,500	137,950	5	6	10,000	248	150,900
8 Clothing, men's, custom work and repairing.	13	5,960			1,415	4,545	12			11	5,070
9 Clothing, women's, dressmaking	15	6,225			2,085	4,140	17			41	12,005
10 Confectionery	3	12,910	1,210	2,500	5,700	3,500	3	2	780	6	2,404
11 Dyeing and cleaning	3	2,060	76	150	1,085	750	3	1	520	5	1,312
12 Electrical construction and repairs	5	5,550	1,750	1,050	825	1,925	5			4	2,245
13 Furniture, cabinetmaking, repairing, and upholstering.	8	19,685	4,300	7,500	1,405	6,480	8			14	7,480
14 Masonry, brick and stone	28	178,372	25,875	25,850	58,490	68,157	30	2	1,900	316	184,881
15 Millinery, custom work	5	1,885			940		5			5	2,043
16 Painting, house, sign, etc	31	57,300	2,610	5,120	9,695	39,875	37	3	820	146	78,940
17 Plumbing, and gas and steam fitting	23	65,522	1,300	2,920	6,290	55,012	25	5	2,376	114	61,238
18 Printing and publishing, book and job	3	8,940			4,600	4,340	4			17	8,800
19 Printing and publishing, newspapers and periodicals.	4	48,350	6,000	13,000	18,000	11,350	4	1	312	23	12,242
20 Saddlery and harness	7	10,800	500	1,250	2,225	6,825	9			8	4,809
21 Tinsmithing, coppersmithing, and sheet-iron working.	6	11,176			2,075	8,501	8	1	350	10	5,470
22 Watch, clock, and jewelry repairing	10	4,865	100	200	2,200	2,365	10			1	690
23 All other industries ¹	27	4,007,637	266,833	556,093	920,455	2,255,251	28	93	128,888	1,520	668,109

¹ Embraces bookbinding and blank book making, 1; cordage and twine, 1; dye stuffs and extracts, 1; electrical apparatus and supplies, 1; fireworks, 1; flouring and grist mill products, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; liquors, vinous, 1; looking-glass and picture frames, 1; lumber, planing mill products, including, sash, doors, and blinds, 2; paper and wood pulp, 1; paper hanging, 2; photography, 2; pickles, preserves, and sauces, 1; roofing

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW BEDFORD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages	Average num- ber.	Wages.	Average num- ber.	Wages.										
232	\$150,315					\$17,022	\$949	\$644	\$3,829	\$11,600	\$251,651	\$249,896	\$1,755	\$484,225	7
75	47,102	1	\$300			9,435	1,719	6,781	935		49,240	48,679	661	124,320	8
18	11,202	38	10,847			9,013	4,724	164	825	3,300	28,142	27,348	794	99,875	9
2	3,225	140	38,162	4	\$650	5,288	4,053	175	1,060		49,712	48,751	961	152,885	10
13	7,492					3,061	865	546	1,650		27,745	26,305	1,440	58,900	11
5	2,700					537	375	47	115		5,015	5,000	15	10,961	12
6,395	2,676,230	5,004	1,723,051	887	203,488	1,056,261	287,976	768,285	11,254		8,208,178	7,897,944	310,234	16,748,783	13
184	120,611	12	2,963			17,242	4,750	1,238	11,254		203,461	189,184	14,277	424,810	14
10	6,074	1	350			3,693	2,574	14	1,105		6,437	6,301	136	25,900	15
37	24,850					5,974	960	199	2,815	2,000	10,895	10,250	645	55,350	16
2	1,056					429	296	25	108		901	765	136	3,250	17
10	3,925					1,340	798	87	455		11,424	11,005	419	22,925	18
38	21,058					7,500	2,250	378	4,872		48,980	47,940	1,040	89,973	19
7	5,224					766	260	81	425		3,856	3,825	31	21,600	20
105	62,930					26,544	549	355	3,240	22,400	66,055	64,520	1,535	195,050	21
		56	16,373			8,213	5,963	198	2,002	50	50,838	50,293	545	105,515	22
11	7,130					753	325	205	223		8,874	8,803	71	22,867	23
37	19,251	7	2,340			20,706	2,500	522	17,684		320,643	317,726	2,917	426,318	24
123	87,446	5	1,625			4,402	2,183	377	1,842		93,236	92,731	505	239,950	25
8	4,944					2,431	700	546	1,185		80,622	80,072	550	109,040	26
4	2,872	4	1,209	1	150	4,379	3,705	164	510		8,100	7,825	275	32,700	27
188	80,548			7	1,540	8,031	4,574	687	2,770		124,215	122,430	1,785	278,801	28
20	6,982	5	1,560			2,270	1,528	216	635		15,456	14,592	864	46,550	29
92	60,772	4	1,872	1	116	45,984	5,006	1,466	38,912		33,980	29,761	4,219	207,168	30
81	11,604					4,560	137	120	4,312		10,463	10,252	211	39,028	31
13	7,692					2,479	1,785	164	530		12,149	12,007	142	30,445	32
22	12,760					1,699	594	46	199	920	6,073	5,940	133	27,925	33
4	2,312					725	616	21	88		3,863	3,742	121	11,550	34
9	5,581	5	1,337			4,464	550	114	3,800		12,070	11,961	109	31,050	35
18	12,038			3	630	5,037	3,619	135	1,283		15,750	15,400	350	52,650	36
1,762	961,041	454	130,856	40	5,547	364,156	10,748	61,043	291,765		2,568,145	2,505,867	62,278	4,672,086	37

hand stamps, 1; hardware, 1; hooks and eyes, 1; hosiery and knit goods, 1; jewelry, 1; leather goods, 1; lumber and timber products, 2; mattresses and spring beds, 1; mineral and soda waters, 2; mullage and paste, 1; optical goods, 1; paper and wood pulp, 1; paper goods, not elsewhere specified, 1; paper hanging, 1; plastering and stuccowork, 1; plated and britannia ware, 2; rubber and elastic goods, 1; sausage, 1; shirts, 2; soap and candles, 1; tools, not elsewhere specified, 1; toys and games, 1; window shades, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

NEWTON.

2,624	\$1,454,750	445	\$122,004	25	\$5,133	\$388,922	\$43,836	\$38,418	\$185,818	\$120,850	\$3,065,921	\$3,005,674	\$60,247	\$6,322,232	1
8	6,140					1,603	1,800	8	295		6,025	5,934	91	21,710	2
40	25,546					2,937	2,190	363	384		16,392	15,403	989	70,800	3
7	3,636					2,538	2,475		63		9,007	8,832	175	25,032	4
10	5,234	2	468			2,279	2,136	36	107		24,228	23,449	779	47,685	5
538	332,630					128,180	3,825	2,040	4,615	117,800	767,020	764,210	2,810	1,439,462	6
248	150,900					38,540	300	955	36,985	800	201,810	258,465	3,345	686,620	7
5	8,065	6	2,005			2,951	2,570	28	203	150	7,466	7,342	124	24,880	8
2	900	38	10,995	1	200	3,153	3,053		100		9,767	9,745	22	38,720	9
6	2,404					1,361	1,000	149	212		7,700	7,665	335	18,500	10
4	1,104			1	208	363	360	3			1,003	931	72	4,700	11
4	2,245					410	204	38	168		7,450	7,450		14,985	12
14	7,480					1,888	1,380	150	358		6,642	6,580	62	25,200	13
316	184,881					3,804	470	1,697	1,587	200	162,422	161,817	605	437,945	14
		5	2,048			1,326	1,210	5	111		8,420	8,410	10	15,640	15
146	78,940					5,333	4,157	144	1,032		41,807	41,560	247	183,900	16
114	61,238					5,146	4,280	208	658		135,245	133,709	1,536	277,587	17
10	6,200	7	2,100			525	372	53	100		3,544	3,584	280	18,100	18
18	9,860	5	2,382			3,670	1,510	525	1,835		6,707	6,625	1,082	48,561	19
8	4,809					1,033	855	62	116		5,470	5,399	71	20,000	20
10	5,470					1,615	1,288	74	253		8,857	8,728	129	39,400	21
1	690					1,824	1,658	11	155		1,547	1,485	62	11,325	22
1,115	561,378	382	102,006	23	4,725	178,243	7,243	31,969	186,631	2,400	1,567,092	1,519,651	47,441	2,840,480	23

and roofing materials, 1; rubber and elastic goods, 1; ship and boat building, wooden, 1; shoddy, 1; silk and silk goods, 1; starch, 1; window shades, 1; worsted goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

NORTH ADAMS.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries -----	231	\$14,563,492	\$929,982	\$1,828,914	\$3,488,648	\$8,365,948	253	267	\$472,324	6,706	\$2,949,010
2	Bicycle and tricycle repairing -----	3	9,000			8,000	6,000	3	1	500	4	1,150
3	Blacksmithing and wheelwrighting -----	8	10,145	1,200	1,000	2,500	5,445	9			14	8,555
4	Boots and shoes, custom work and repairing.	8	2,022			1,237	785	8			8	1,570
5	Boots and shoes, factory product -----	7	849,990	68,500	96,777	76,897	607,816	12	64	58,895	1,516	642,974
6	Bottling -----	4	12,200	3,000	1,800	2,300	5,100	5	2	665	14	5,956
7	Bread and other bakery products -----	12	49,855	1,700	1,500	19,660	26,495	13	10	7,485	65	23,868
8	Carpentering -----	17	85,955	25,250	7,200	9,243	44,262	22	3	2,802	114	68,431
9	Carriages and wagons -----	5	59,800	18,600	5,900	6,300	29,000	5			25	15,000
10	Clothing, men's, custom work and repairing.	12	46,250	11,000	9,000	8,525	22,725	12	3	3,000	58	24,800
11	Clothing, women's, dressmaking -----	21	12,268	3,100	3,700	2,378	3,085	25			40	10,426
12	Confectionery -----	3	7,300	2,000	500	1,000	3,800	3	2	433	4	866
13	Cotton goods -----	5	6,466,396	513,432	1,089,565	2,209,802	2,704,097	2	43	121,166	2,357	947,351
14	Foundry and machine shop products -----	4	226,648	27,500	24,252	39,655	135,241	3	15	20,573	192	104,999
15	Furniture, cabinetmaking, repairing, and upholstering.	8	12,710	4,000	1,000	1,405	6,305	7	3	1,280	4	2,670
16	Masonry, brick and stone -----	8	39,489	16,900	3,800	7,375	11,414	9			49	26,515
17	Millinery, custom work -----	16	21,620	200	400	470	20,550	19			30	9,527
18	Painting, house, sign, etc. -----	19	25,765	3,375	925	2,980	18,485	21	2	912	49	27,637
19	Photography -----	5	8,710	600	1,760	1,525	4,825	5			2	1,480
20	Plumbing, and gas and steam fitting -----	6	54,400	2,500	2,500	9,900	39,500	8	3	2,000	68	27,918
21	Printing and publishing, book and job.	4	24,460			19,400	5,060	6	1	600	21	12,182
22	Printing and publishing, newspapers and periodicals.	3	50,000			39,500	10,500	4	6	4,750	34	14,250
23	Roofing and roofing materials -----	4	3,365			565	2,800	5			11	6,900
24	Saddlery and harness -----	4	3,350		200	300	2,850	5			3	1,886
25	Tobacco, cigars and cigarettes -----	3	18,906			750	18,156	10			27	11,762
26	Watch, clock, and jewelry repairing -----	8	4,175			1,725	2,450	7			5	3,626
27	All other industries ¹ -----	29	6,459,218	227,125	627,135	975,766	4,629,202	25	109	217,763	2,094	946,651

¹ Embraces boxes, fancy and paper, 2; brick and tile, 1; brooms and brushes, 1; clothing, women's, factory product, 1; dyeing and finishing textiles, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; grease and tallow, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; lime and cement, 1; lock and gun smithing, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1;

PITTSFIELD.

1	All industries	261	\$6,084,849	\$274,656	\$540,333	\$364,467	\$4,405,393	309	229	\$255,527	3,863	\$1,627,790
2	Bicycle and tricycle repairing	4	4,200			1,700	2,500	5			5	2,539
3	Blacksmithing and wheelwrighting	22	20,320	3,340	4,400	3,130	9,400	27			17	9,710
4	Boots and shoes, custom work and repairing.	16	3,300	100	50	1,965	1,185	16			5	2,378
5	Bread and other bakery products	9	29,150	9,000	4,600	6,650	9,900	13	5	1,768	23	11,988
6	Carpentering	24	63,770	18,350	9,650	13,650	22,220	30	5	2,852	150	86,074
7	Clothing, men's, custom work and repairing.	12	16,290			1,980	14,310	14	1	986	26	18,275
8	Clothing, women's, dressmaking	18	7,495	750	1,250	1,855	3,640	22	1	520	36	11,161
9	Dyeing and cleaning	3	165			55	110	3	1	400	4	1,425
10	Flouring and grist mill products	3	18,800	4,000	3,000	4,800	7,000	1			3	1,440
11	Foundry and machine shop products	4	180,688	37,500	29,000	24,150	90,038	8	9	12,114	100	57,577
12	Furniture, cabinetmaking, repairing, and upholstering.	4	13,861	500	5,100	4,800	3,461	5	2	620	21	12,764
13	Looking-glass and picture frames	3	3,525			875	2,650	3			2	1,300
14	Masonry, brick and stone	10	174,321	11,000	4,100	9,635	149,586	13	7	4,316	160	92,700
15	Millinery, custom work	6	12,205			205	12,000	7	3	560	39	14,255
16	Monuments and tombstones	3	8,975		25	300	8,650	5			5	3,840
17	Painting, house, sign, etc.	24	38,035	1,950	6,100	4,772	25,213	26	2	1,470	70	37,411
18	Patent medicines and compounds	3	8,972			1,210	7,762	3	4	3,800	2	3,850
19	Photography	7	8,572			4,800	3,772	7			11	3,840
20	Plumbing, and gas and steam fitting	7	85,689	26,000	14,000	3,350	42,339	16	2	912	45	26,832
21	Printing and publishing, book and job.	4	7,964			6,100	1,864	5			6	1,926
22	Printing and publishing, newspapers and periodicals.	4	60,690			37,630	23,060	1	12	12,024	55	32,305
23	Saddlery and harness	4	9,500			1,650	7,850	5			4	2,496
24	Shirts	3	6,900			3,200	3,700	8	2	1,820	91	24,305
25	Watch, clock, and jewelry repairing	3	22,400			4,400	18,000	10			9	3,934
26	Woolen goods	6	1,403,273	41,616	151,648	228,225	961,784	14	29	35,417	1,068	405,772
27	All other industries ¹	50	3,875,789	120,550	307,610	494,330	2,953,399	47	144	176,498	1,906	761,198

¹ Embraces boot and shoe cut stock, 1; boot and shoe findings, 1; boots and shoes, factory product, 2; bottling, 1; boxes, fancy and paper, 2; brick and tile, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; confectionery, 1; cotton goods, 1; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 2; electroplating, 1; engraving, steel, including plate printing, 1; food preparations, 1; fur goods, 1; gas, illuminating and heating, 1; grease and tallow, 1; hand knif

BY SPECIFIED INDUSTRIES: 1900—Continued.

NORTH ADAMS.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
4,585	\$2,283,109	1,890	\$607,844	321	\$58,557	\$836,345	\$35,559	\$65,643	\$668,567	\$66,576	\$5,410,262	\$5,209,832	\$200,430	\$11,682,668	1
4	1,150					627	530	12	85		2,865	2,800	65	6,650	2
14	8,555					1,227	852	17	358		5,919	5,187	782	29,126	3
3	1,570					1,019	1,006	3	10		3,094	3,012	82	8,900	4
896	447,717	551	181,955	69	13,302	85,121	725	3,543	80,853		1,925,139	1,917,792	7,847	2,881,474	5
14	5,956					3,602	740	120	2,742		31,739	31,642	97	52,894	6
44	20,213	20	8,359	1	296	4,835	3,837	62	936		120,663	118,191	2,472	181,491	7
114	68,431					61,678	378	415	2,174	58,711	114,404	114,249	155	294,646	8
25	15,000					2,188		568	1,580	40	10,811	10,531	280	83,840	9
40	19,448	18	5,414			4,746	2,904	320	1,522		26,148	25,608	540	75,825	10
1	914	39	9,512			2,458	1,962	77	419		9,729	9,348	381	38,214	11
1,445	688,932	2	433	2	433	1,898	1,680	38	180		6,460	6,240	220	17,000	12
192	104,999	740	226,415	172	32,004	259,044		34,536	217,218	7,290	1,149,008	1,068,028	80,980	2,893,128	13
4	2,670					50,622	660	1,244	48,718		139,734	135,852	3,882	347,410	14
						1,068	586	50	432		7,138	6,958		18,524	15
49	26,515					5,286		279	5,007		16,167	16,107	60	75,176	16
		30	9,527			5,500	4,653	51	796		43,064	42,857	207	80,022	17
48	27,427			1	210	3,349	1,841	169	1,339		16,238	16,131	107	65,228	18
1	880	1	600			706	612	24	70		3,389	3,282	107	18,500	19
58	27,918					3,213	1,626	278	1,309		37,145	36,824	821	88,664	20
24	12,182					1,865	968	62	675	160	5,590	5,070	520	25,868	21
34	14,250					4,859	1,720	144	2,695	300	8,760	7,845	915	47,060	22
11	6,900					545	156		389		20,463	20,438	25	84,320	23
3	1,846					701	492	22	187		5,250	5,167	83	10,834	24
26	11,474			1	288	6,042	1,668	61	4,813		15,397	15,211	186	42,838	25
5	3,626					2,535	1,728	40	767		1,843	1,725	118	12,815	26
1,530	764,498	489	170,129	75	12,024	322,111	4,785	23,503	293,793	75	1,684,105	1,588,787	100,318	4,312,216	27

marble and stone work, 1; monuments and tombstones, 1; musical instruments and materials, not specified, 1; paving and paving materials, 1; photographic materials, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; toys and games, 1; washing machines and clothes wringers, 1; window shades, 1; woolen goods, 1; worsted goods, 2.

PITTSFIELD.

2,380	\$1,201,262	1,872	\$408,670	111	\$17,858	\$548,483	\$60,684	\$34,292	\$402,301	\$51,256	\$3,616,578	\$3,516,092	\$100,486	\$7,135,770 1
5	2,539					1,660	1,245	10	405		6,699	6,636	63	15,780 2
17	9,710					2,334	1,981	89	264		11,730	10,981	749	41,315 3
5	2,378					1,438	1,357	15	66		4,627	4,511	116	13,471 4
21	11,388	2	600			4,609	2,746	201	1,662		40,228	35,164	5,064	94,915 5
149	85,874			1	200	42,152	1,205	289	643	40,015	145,246	144,766	480	415,918 6
23	17,225	3	1,050			4,907	2,479	18	589	1,826	12,242	11,942	300	56,239 7
		36	11,161			1,612	1,476	27	109		6,745	6,595	150	27,889 8
3	1,125	1	800			550	420		130		1,272	1,058	214	5,600 9
3	1,440					840	500		216		33,160	32,868	292	89,371 10
100	57,577					16,818	240	1,344	14,734		85,285	82,739	2,546	192,950 11
21	12,764					2,592	1,578	150	364	500	8,369	8,169	200	35,000 12
2	1,300					276	266		10		2,785	2,775	10	5,600 13
160	92,700					12,428	60	560	9,808	2,000	129,705	129,345	360	289,700 14
1	150	38	14,105			2,075	1,324	92	659		31,532	31,440	92	72,000 15
5	8,840					629	570	39	20		8,555	8,510	45	23,800 16
69	37,155			1	256	4,255	2,364	216	1,675		26,480	26,291	189	90,477 17
2	350					7,635	556	150	5,700	1,230	4,260	4,210	50	15,831 18
5	2,170	6	1,670			1,957	1,375	32	278	272	6,267	6,160	107	13,700 19
44	26,432	1	400			3,406	1,840	585	981		59,984	59,174	810	129,226 20
3	1,610			3	316	1,443	1,226	42	150	25	1,297	1,096	201	8,520 21
46	27,855	9	4,450			7,453	2,685	687	4,131		24,598	23,316	1,282	95,831 22
4	2,496					1,134	1,009	23	102		8,557	8,448	114	10,000 23
1	240	90	24,065			4,621	1,000	71	550	3,000	2,418	2,218	200	35,856 24
8	3,752			1	182	2,415	1,740	23	352	300	1,695	1,606	89	15,296 25
667	281,642	328	112,112	73	12,018	82,613	7,800	8,830	63,895	2,088	798,745	769,456	29,289	1,505,702 26
1,016	517,550	858	238,757	32	4,886	397,181	21,593	20,688	294,900		2,159,097	2,101,623	57,474	3,880,688 27

goods, 1; hosiery and knit goods, 2; liquors, malt, 1; look and gun smithing, 1; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 1; models and patterns, 1; paper goods, not elsewhere specified, 1; paper hanging, 1; perfumery and cosmetics, 1; roofing and roofing materials, 2; sewing machine repairing, 1; silk and silk goods, 1; steam fittings and heating apparatus, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, cigars and cigarettes, 2; vinegar and cider, 2; wood, turned and carved, 1; worsted goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

QUINCY.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries -----	339	\$2,208,197	\$421,155	\$265,178	\$412,533	\$1,109,336	402	126	\$108,392	2,546	\$1,378,823
2	Bicycle and tricycle repairing -----	6	6,375	125	2,500	800	2,950	8			3	2,400
3	Blacksmithing and wheelwrighting -----	17	52,840	9,850	16,550	7,180	19,260	16	2	1,320	38	23,122
4	Boots and shoes, custom work and repairing.	11	6,230	350	850	1,135	3,895	10			15	6,156
5	Bread and other bakery products -----	5	8,050	1,000	1,000	2,550	3,500	5	2	370	13	7,080
6	Carpentering -----	39	109,390	9,675	14,750	9,605	75,300	40	7	4,540	159	97,122
7	Clothing, men's, custom work and repairing.	6	2,550			800	1,750	7			7	3,310
8	Clothing, women's, dressmaking -----	8	1,055			525	530	8			10	2,510
9	Confectionery -----	3	5,850	1,000	500	3,500	850	4			6	1,750
10	Foundry and machine shop products -----	4	59,252	3,166	9,700	13,418	32,968	4	4	9,000	82	52,574
11	Furniture, cabinetmaking, repairing, and upholstering.	5	2,660	500	700	750	710	5			4	2,025
12	Looking-glass and picture frames -----	3	6,165	2,000	925	815	2,425	4			2	1,000
13	Marble and stone work -----	53	275,429	103,116	42,523	76,696	53,094	63	16	11,785	357	171,363
14	Masonry, brick and stone -----	11	9,675	1,150	1,750	2,765	4,020	12	2	1,140	43	24,702
15	Millinery, custom work -----	6	5,450	100	1,200	450	3,700	6			9	3,050
16	Monuments and tombstones -----	90	1,143,289	234,523	108,525	142,746	657,495	123	67	55,280	1,299	705,377
17	Painting, house, sign, etc -----	14	14,890	4,900	5,235	1,225	3,530	18			21	15,903
18	Plumbing, and gas and steam fitting -----	9	49,800	8,500	10,200	3,625	27,535	11	1	600	40	28,605
19	Ship and boat building, wooden -----	3	38,805	17,000	5,000	6,105	9,500	5	2	2,500	18	10,360
20	Tinsmithing, coppersmithing, and sheet-iron working.	4	22,400	1,300	3,050	12,750	5,300	6	3	2,300	12	5,950
21	Tools, not elsewhere specified -----	5	18,500	1,600	2,500	7,100	7,300	6			5	3,500
22	Watch, clock, and jewelry repairing -----	3	950			650	300	3			3	2,050
23	All other industries ¹ -----	34	868,532	20,700	37,115	117,293	193,424	38	20	19,557	400	148,784

¹ Embraces awnings, tents, and sails, 1; belting and hose, linen, 1; boot and shoe cut stock, 1; boots and shoes, factory product, 1; brass castings and brass finishing, 2; carriages and wagons, 2; clothing, women's, factory product, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; fancy articles, not elsewhere specified, 1; flavoring extracts, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hammocks, 1; leather board, 1; leather, tanned,

SALEM.

1	All industries	416	\$7,450,935	\$283,041	\$901,652	\$2,107,250	\$4,158,992	490	236	\$214,056	6,424	\$2,842,078
2	Bicycle and tricycle repairing	11	14,050	800	1,000	6,175	6,075	10	4	2,468	12	9,026
3	Blacksmithing and wheelwrighting	22	31,866	4,200	2,850	11,725	13,091	23			26	17,022
4	Boot and shoe cut stock	15	155,246	8,700	20,500	25,150	100,896	20	11	5,346	312	109,822
5	Boot and shoe findings	14	98,014	1,800	16,200	20,010	51,004	17	7	4,776	378	161,500
6	Boots and shoes, custom work and repairing.	23	4,949		100	2,697	2,162	22			2	1,317
7	Boots and shoes, factory product	18	997,900	3,300	9,000	211,394	774,206	33	70	53,512	1,787	766,047
8	Brass castings and brass finishing	3	16,650	1,000	4,200	3,400	8,050	3			26	20,350
9	Bread and other bakery products	23	47,637	5,200	8,700	18,240	16,457	21	13	8,556	73	39,406
10	Carpentering	43	97,421	5,367	10,950	21,638	59,466	47	4	2,776	184	117,687
11	Carriages and wagons	5	6,300			2,350	3,950	5			4	2,377
12	Clothing, men's, custom work and repairing.	22	80,605	500	2,225	3,560	24,320	24			75	32,085
13	Clothing, women's, dressmaking	15	3,065			1,155	1,910	15			42	9,765
14	Confectionery	4	3,300			1,300	1,800	4	1	200	5	2,610
15	Dyeing and cleaning	8	2,915	1,500	300	900	215	2			5	2,300
16	Foundry and machine shop products	11	157,399	19,000	23,300	40,355	74,744	14	6	4,300	81	48,803
17	Furniture, cabinetmaking, repairing, and upholstering.	7	7,210		500	1,950	4,760	6	1	800	17	8,600
18	Leather goods	4	24,400	400	1,500	7,200	15,300	5	4	3,100	37	14,650
19	Leather, tanned, curried, and finished	20	1,925,315	53,934	190,388	261,741	1,419,302	23	41	49,821	868	395,661
20	Lock and gun smithing	3	1,525			875	650	2			1	540
21	Looking-glass and picture frames	3	13,950	1,500	4,000	650	7,900	3	1	312	5	3,700
22	Lumber, planing mill products, including sash, doors, and blinds.	3	92,904	5,400	21,000	6,000	60,504	4	4	1,800	64	45,076
23	Masonry, brick and stone	16	74,110	800	900	10,440	61,970	21	2	760	136	93,214
24	Millinery, custom work	15	38,990	4,150	6,000	3,550	25,290	15			54	19,078
25	Monuments and tombstones	3	23,400	2,000	3,500	1,900	16,000	7			20	14,888
26	Painting, house, sign, etc	39	27,298	750	1,750	6,527	18,271	44	1	720	91	53,703
27	Paints	3	143,067	5,000	15,000	25,043	98,024	1	6	10,828	58	22,543
28	Photography	9	31,775			22,300	12,475	11	4	2,496	19	9,005
29	Plumbing, and gas and steam fitting	12	52,005	20	80	4,941	46,961	13	4	2,270	64	36,177
30	Printing and publishing, book and job.	7	23,300			17,500	5,800	8	3	900	32	12,057
31	Printing and publishing, newspapers and periodicals.	4	56,200			37,000	19,200	4	4	8,080	90	54,804
32	Roofing and roofing materials	3	9,825	2,600	500	2,050	4,675	3			12	6,572
33	Saddlery and harness	7	8,085		400	1,340	6,345	8			3	2,320
34	Ship and boat building, wooden	3	5,460	1,900	200	1,050	2,310	3			8	6,250
35	Tinsmithing, coppersmithing, and sheet-iron working.	8	41,900			3,750	38,150	3			50	21,800
36	Tobacco, cigars and cigarettes	3	4,235			335	3,850	4			3	900
37	Watch, clock, and jewelry repairing	10	7,040			2,855	4,185	7			10	6,620
38	All other industries ¹	37	3,168,624	153,220	556,659	1,309,014	1,149,731	35	45	61,335	1,764	685,307

¹ Embraces awnings, tents, and sails, 1; bookbinding and blank book making, 2; boot and shoe uppers, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; cars and general shop construction and repairs by steam railroad companies, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 2; cotton goods, 1; electrical apparatus and supplies, 1; electrical construction and repairs, 2; electroplating, 1; flavoring extracts, 1; food preparations, 1; gas, illuminating

BY SPECIFIED INDUSTRIES: 1900—Continued.

QUINCY.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.										
2,264	\$1,800,443	281	\$78,320	1	\$60	\$253,703	\$31,459	\$19,160	\$125,064	\$78,020	\$1,300,260	\$1,244,708	\$75,552	\$3,948,932	1
3	2,400					597	498	9	90		3,974	3,974		11,395	2
37	28,062			1	60	3,333	1,581	622	1,330		23,292	22,009	1,283	69,795	3
15	6,156					1,089	909	52	128		4,864	4,813	51	18,590	4
12	6,770	1	200			2,555	1,641	89	825		21,638	20,123	1,515	41,280	5
159	97,122					37,870	1,488	652	4,280	31,450	180,189	180,139	50	410,517	6
5	2,510	2	800			1,030	845		185		7,598	7,488	110	18,882	7
		10	2,510			600	600				1,765	1,765		8,875	8
6	1,750					977	840	75	62		6,865	6,720	145	16,875	9
82	52,574					3,158	214	574	2,870		34,246	30,005	4,241	104,926	10
4	2,025					380	284	13	83		3,560	3,560		12,600	11
						198	60	30	108		2,880	2,830		6,785	12
357	171,363					16,164	4,725	3,800	7,689		58,044	43,718	14,326	399,730	13
43	24,762					2,455	252	129	657	1,415	21,459	21,459		60,626	14
		9	3,050			1,492	1,018	99	375		8,045	7,950	95	17,285	15
1,299	765,377					153,612	6,175	10,167	92,175	45,155	367,123	312,388	24,785	1,764,890	16
21	15,963					514	298	164	352		8,810	8,785	25	37,671	17
40	28,665					2,561	1,145	292	1,124		78,609	73,302	307	128,951	18
18	10,300					806	300	196	310		10,925	10,675	250	16,150	19
12	5,950					1,806	480	301	1,025		11,522	11,277	245	23,650	20
5	3,500					857	216	126	515		8,798	6,749	2,049	19,975	21
3	2,050					305	270		35		608	583	25	5,550	22
141	77,084	259	71,700			21,046	7,820	1,830	11,396		440,496	434,446	6,050	754,534	23

carried, and finished, 2; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 1; musical instruments, pianos and materials, 1; optical goods, 1; photography, 2; printing and publishing, book and job, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; saddlery and harness, 1; shirts, 1; soap and candles, 1; type founding, 1.

SALEM.

4,120	\$2,172,215	2,135	\$641,272	169	\$29,191	\$161,618	\$89,915	\$51,756	\$264,262	\$58,685	\$7,159,987	\$7,041,871	\$118,116	\$12,257,440 1
11	8,546			1	480	1,744	1,303	102	339		14,194	13,886	308	33,911 2
26	17,022					3,564	2,949	186	429		17,460	16,183	1,277	61,536 3
125	66,537	183	42,940	4	345	8,371	2,151	601	5,619		228,247	219,697	3,550	409,693 4
171	108,050	178	38,442	29	5,008	11,301	2,806	817	7,778		299,786	295,530	4,256	503,469 5
2	1,317					2,000	1,884	5	111		8,076	7,881	195	23,055 6
1,087	560,158	682	202,833	18	3,056	56,660	15,685	2,392	37,983	600	1,876,029	1,864,498	11,531	2,974,631 7
26	20,350					410	100	108	202		43,043	42,109	1,294	73,904 8
54	83,683	19	5,768			7,810	5,951	320	1,536		97,195	93,471	8,724	205,594 9
184	117,687					16,615	3,812	330	2,738	10,235	194,912	193,602	1,310	404,001 10
4	2,377					807	714	58	35		4,093	3,825	268	9,850 11
28	19,832	45	12,028	2	225	6,953	5,301	190	1,162	300	34,940	34,439	501	104,134 12
		42	9,765			1,399	1,288		96	15	4,596	4,524	72	25,414 13
4	2,340	1	300			1,467	1,264	39	164		7,791	7,535	256	16,125 14
4	2,092	1	208			784	534	43	207		952	660	292	6,300 15
81	48,803					4,704	1,429	1,044	2,231		70,600	66,219	4,381	180,253 16
16	8,300	1	300			1,144	729	24	341	50	4,874	4,710	164	24,320 17
19	10,530	18	4,120			1,339	545	155	639		61,132	60,694	438	91,500 18
860	391,757	8	3,904			71,489	4,500	9,305	57,624		2,355,971	2,330,569	25,402	3,076,819 19
1	540					381	330		51		1,216	1,158	58	3,180 20
5	3,700					745	500	145	100		6,530	6,435	95	15,876 21
63	44,908			1	168	3,089	600	973	1,516		84,060	83,520	540	174,526 22
136	93,214					48,928	779	102	1,847	46,200	70,659	69,879	780	288,712 23
		54	19,078			8,927	6,558	328	2,046		74,580	74,245	335	127,142 24
20	14,888					633	224	167	242		11,438	10,931	507	48,100 25
91	53,769					2,751	2,314	34	408		28,594	28,293	301	117,837 26
55	21,543	3	1,000			4,598	960	1,209	2,429		213,794	212,621	1,173	255,571 27
10	6,070	9	2,935			4,682	2,953	198	1,321	210	9,364	9,081	283	37,210 28
63	35,977			1	200	4,810	2,698	288	1,829		67,344	66,877	467	132,400 29
18	8,260	10	3,380	4	417	3,966	2,246	170	1,500	50	18,707	12,659	1,048	41,330 30
52	31,136	43	23,512	1	156	7,622	4,280	658	2,084	600	18,576	17,228	1,348	115,100 31
12	6,572					483	184	82	217		5,457	5,370	87	16,500 32
3	2,320					1,071	911	68	92		4,315	4,215	100	13,530 33
8	6,250					398	225	22	26	125	3,215	3,205	10	13,200 34
50	21,800					1,855	1,150	135	570		20,052	19,190	862	52,930 35
		3	900			1,120	174	6	940		3,122	3,060	62	7,487 36
9	5,220	1	400			1,195	1,013	54	128		2,402	2,340	62	13,490 37
822	396,712	834	269,459	108	19,136	168,708	9,308	31,408	127,687	300	1,207,281	1,156,532	50,749	2,518,771 38

and heating, 1; gloves and mittens, 1; glue, 1; hairwork, 2; lasts, 1; liquors, malt, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models and patterns, 1; mucklage and paste, 1; paving and paving materials, 2; plastering and stuccowork, 1; plumbers' supplies, 1; taidermey, 1; toys and games, 1; upholstering materials, 1.

TABLE 8.—MANUFACTURES IN CITIES

SOMERVILLE.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple- ments.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries.....	378	\$10,181,596	\$1,112,394	\$2,020,145	\$1,187,235	\$5,811,822	419	294	\$266,918	4,342	\$2,199,491
2	Bicycle and tricycle repairing.....	8	9,830	2,000	2,000	2,290	8,040	11	2	350	6	3,280
3	Blacksmithing and wheelwrighting.....	25	47,781	16,200	11,350	7,046	13,185	27	1	700	40	26,121
4	Boots and shoes, custom work and re- pairing.....	31	4,816		100	2,068	2,048	32			11	4,795
5	Bread and other bakery products.....	14	77,810	14,700	20,200	21,585	21,325	21	35	17,711	60	33,914
6	Carpentering.....	50	139,390	5,330	10,025	17,095	106,940	54	9	4,229	234	152,104
7	Carriages and wagons.....	8	91,650	32,800	24,400	13,850	20,600	12	2	624	49	29,224
8	Clothing, men's, custom work and re- pairing.....	22	20,535	2,500	8,500	3,146	11,390	23	1	412	42	18,370
9	Clothing, women's, dressmaking.....	16	9,013	1,500	3,800	1,483	2,730	17			21	6,887
10	Confectionery.....	4	21,650	1,600	6,000	2,150	11,900	6	5	1,600	9	3,694
11	Electrical construction and repairs.....	3	1,925			725	1,200	3			2	1,495
12	Food preparations.....	3	31,953		2,075	3,290	26,593	2	8	9,176	13	6,975
13	Furniture, cabinetmaking, repairing, and upholstering.....	9	10,240			2,790	7,450	9	2	430	12	6,234
14	Masonry, brick and stone.....	15	33,848	7,050	5,500	3,910	22,388	16	1	520	77	33,183
15	Millinery, custom work.....	12	9,396			671	8,725	13			8	2,432
16	Painting, house, sign, etc.....	40	36,181	2,410	5,010	7,546	21,185	46	1	150	99	64,183
17	Paper hanging.....	4	7,950			700	7,250	5	5	2,486	13	9,340
18	Photography.....	5	109,544	3,336	46,393	17,739	37,100	4	33	21,736	94	53,734
19	Plastering and stucco work.....	3	8,435	1,000	500	1,000	5,925	3	1	624	32	17,786
20	Plumbing, and gas and steam fitting.....	20	76,333	8,800	20,400	6,290	41,843	21	6	3,224	66	41,073
21	Printing and publishing, book and job.....	5	7,200			5,750	1,450	5			3	2,514
22	Printing and publishing, newspapers and periodicals.....	3	42,000	3,000	15,000	13,800	10,200	4	13	10,660	32	17,943
23	Roofing and roofing materials.....	6	10,320	500	1,800	2,680	5,840	7			15	7,850
24	Saddlery and harness.....	5	5,450	300	500	1,200	3,450	5			6	3,490
25	Tinsmithing, coppersmithing, and sheet-iron working.....	5	21,457	3,000	1,500	7,900	9,057	6	5	3,612	27	14,316
26	Tobacco, cigars and cigarettes.....	4	4,725			745	3,980	5				
27	Watch, clock, and jewelry repairing.....	5	4,950	150	100	2,650	2,050	5			4	2,100
28	All other industries ¹	53	9,232,219	1,001,218	1,840,456	1,037,537	5,402,978	57	164	188,724	3,367	1,630,765

¹ Embraces blacking, 1; bluing, 1; boot and shoe cut stock, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; cars and general shop construction and repairs by steam railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cordage and twine, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; foundry and machine shop products, 2; furniture, factory product, 1; glass, 1; grease and tallow, 2; hardware, 1; hardware, saddlery, 1; iron and steel, mills and spikes, cut and wrought, including wire nails, 1; jewelry, 1; liquors, distilled, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber, planing

SPRINGFIELD.

1	All industries.....	817	\$17,105,947	\$1,535,730	\$2,677,919	\$4,858,021	\$8,034,277	837	953	\$1,035,696	10,123	\$5,176,299
2	Bicycle and tricycle repairing.....	30	18,650	50	50	8,540	10,010	35	1	100	18	10,361
3	Bicycles and tricycles.....	6	125,309	3,000	4,000	57,200	61,109	4	11	12,627	95	60,458
4	Blacksmithing and wheelwrighting.....	45	70,237	13,650	16,300	14,400	25,887	48	1	1,000	73	49,478
5	Bookbinding and blank book making.....	3	13,466			6,785	6,701	2	2	2,326	33	14,077
6	Boots and shoes, custom work and repairing.....	47	12,233	1,600	1,425	5,050	4,208	43			22	10,622
7	Bottling.....	4	29,877	100	475	1,565	27,737	6	1	240	10	5,400
8	Boxes, fancy and paper.....	4	36,070			17,100	18,970	8	1	1,500	98	29,602
9	Brass castings and brass finishing.....	3	267,787	5,000	18,544	54,481	189,762	2	10	13,600	181	92,226
10	Bread and other bakery products.....	26	181,154	20,500	36,855	50,367	67,432	26	17	14,114	133	67,700
11	Buttons.....	3	264,688	16,200	40,000	55,158	153,330	2	10	19,200	361	132,767
12	Carpentering.....	66	414,217	47,235	55,865	41,150	269,967	80	9	3,537	630	384,823
13	Carriages and wagons.....	6	95,228	10,000	11,500	7,475	66,253	9	2	2,136	62	31,982
14	Clothing, men's, custom work and repairing.....	36	80,925	1,250	600	5,150	73,925	42	4	2,968	167	86,828
15	Clothing, women's, dressmaking.....	36	31,292	1,100	4,000	3,960	22,232	37	2	816	146	60,291
16	Confectionery.....	7	100,167	20,500	30,200	23,050	26,417	5	20	15,124	153	62,295
17	Dyeing and cleaning.....	5	12,275			6,675	5,600	5	2	857	16	9,146
18	Electrical apparatus and supplies.....	3	264,330			101,534	162,796	1	18	27,615	127	60,049
19	Electrical construction and repairs.....	7	15,190	50	100	1,015	14,025	9	2	650	19	15,626
20	Electroplating.....	3	5,250			4,000	1,250	2	1	520	9	6,100
21	Engraving and diesinking.....	6	5,950			4,200	1,750	6			3	1,620
22	Envelopes.....	3	565,613	45,000	35,565	233,311	251,737	1	35	32,904	286	114,662
23	Fancy articles, not elsewhere specified.....	3	16,938			4,730	12,263	2	2		13	5,739
24	Foundry and machine shop products.....	25	1,637,390	96,102	389,881	449,683	751,739	17	56	68,942	766	423,779
25	Furniture, cabinetmaking, repairing, and upholstering.....	18	54,100	8,450	15,000	26,305	26,305	20	3	1,800	46	24,624
26	Lithographing and engraving.....	4	643,608	15,000	25,257	209,500	393,851	1	51	56,384	426	208,048
27	Lock and gun smithing.....	8	4,227			2,375	1,852	9			3	1,846
28	Looking-glass and picture frames.....	6	10,100			700	9,400	8	1	400	17	9,460
29	Lumber, planing mill products, including sash, doors, and blinds.....	8	261,989	23,743	34,747	65,283	83,216	1	14	15,563	161	91,097
30	Marble and stone work.....	4	145,858	29,640	20,490	35,797	59,431	4	3	3,250	71	53,946
31	Masonry, brick and stone.....	25	143,847	19,450	25,750	23,210	76,437	32	2	1,850	226	147,162

BY SPECIFIED INDUSTRIES: 1900—Continued.

SOMERVILLE.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
8,877	\$2,059,410	425	\$180,942	40	\$9,139	\$706,415	\$54,000	\$69,471	\$143,367	\$139,577	\$17,346,772	\$17,171,501	\$175,271	\$21,776,511	1
6	3,280					1,675	1,499	56	120		7,194	6,884	310	16,849	2
40	26,121					4,764	3,411	376	727	250	20,079	18,628	1,461	77,381	3
11	4,795					3,776	3,134	30	588	24	9,908	9,783	125	32,666	4
52	31,135	8	2,779			6,518	3,196	358	2,964		123,426	120,740	2,686	238,844	5
234	152,164					135,510	2,719	287	8,069	124,435	217,286	216,442	844	614,965	6
49	29,224					5,849	1,740	880	2,597	632	30,771	30,178	593	89,195	7
22	12,098	20	6,281			5,663	4,743	163	667	100	21,398	21,066	332	66,737	8
		21	6,387			1,770	1,492	70	105	103	14,620	14,405	215	33,341	9
4	2,466	5	1,228			1,306	860	121	825		15,842	15,436	406	27,604	10
2	1,495					436	197		209	30	3,270	3,234	36	8,062	11
8	5,725	5	1,250			3,806	696	160	2,950		52,719	51,712	1,007	116,572	12
12	6,234					2,776	1,501	20	955	300	28,776	28,608	168	58,623	13
77	38,188					7,900	373	161	2,906	4,460	42,455	42,431	24	111,160	14
99	64,183	8	2,442			2,759	2,632	40	87		13,448	13,332	116	27,359	15
						5,065	3,231	259	725	850	25,432	25,365	67	140,086	16
13	9,340					980	741	44	195		9,033	9,010	23	26,500	17
53	31,162	41	22,572			12,860	456	764	11,160	480	52,057	51,514	543	158,831	18
32	17,786					5,504	197	46	796	4,465	12,230	11,930	300	39,519	19
66	41,673					5,825	3,122	484	1,019	1,200	98,741	98,202	539	174,115	20
3	2,514					820	722	17	81		2,882	2,729	153	12,765	21
15	11,118	14	6,050	3	780	3,449	631	467	1,948	503	7,379	7,125	251	44,017	22
15	7,850					1,982	450	33	1,249	250	12,677	12,555	122	28,834	23
6	3,490					898	657	13	28	200	7,025	6,947	78	15,918	24
27	14,816					3,908	1,577	259	2,072		17,518	17,327	191	46,280	25
						1,155	234	21	900		2,181	2,171	10	4,641	26
4	2,100					1,162	1,030	51	81		4,785	4,775	10	16,795	27
3,027	1,540,458	803	81,953	37	8,359	478,299	13,359	64,291	399,354	1,295	16,493,640	16,328,972	164,668	19,548,849	28

mill products, including sash, doors, and blinds, 1; marble and stone work, 1; mineral and soda waters, 1; patent medicines and compounds, 1; paving and paving materials, 1; pens, fountain and stylographic, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; sausage, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 2; stamped ware, 1; sugar and molasses, refining, 1; toys and games, 1; trunks and valises, 1; window shades, 2; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

SPRINGFIELD.

7,453	\$4,362,605	2,536	\$785,460	134	\$28,234	\$2,067,702	\$261,276	\$105,406	\$1,178,641	\$522,379	\$9,194,841	\$3,991,127	\$203,714	\$21,207,090	1
17	10,137			1	224	6,377	4,752	87	1,413	125	25,093	24,410	683	69,905	2
92	49,458	8	1,000			8,606	3,120	474	5,012		77,849	75,324	2,525	187,995	3
73	49,478					7,331	6,323	440	333	200	40,379	38,163	2,216	146,874	4
16	9,427	17	4,650			4,015	910	114	1,491	1,500	13,610	13,220	390	57,500	5
22	10,522					4,647	4,426	64	107	50	14,409	14,028	381	59,168	6
10	5,400					8,164	775	154	7,235		42,418	42,296	122	68,284	7
14	8,733	84	20,869			4,532	3,745	202	585		30,960	30,601	359	70,081	8
181	92,226					24,312	3,950	1,862	18,500		134,745	130,145	4,600	333,064	9
112	61,250	20	6,294	1	156	20,227	5,900	1,192	13,135		223,558	209,337	14,221	393,006	10
133	55,800	214	75,768	14	1,109	12,880	276	1,684	10,760	160	71,978	69,880	2,148	290,900	11
630	384,823					292,681	2,887	2,151	6,252	281,391	796,175	794,467	1,708	1,797,624	12
62	31,982					7,491	4,581	815	2,080	15	27,778	27,006	772	94,550	13
119	70,615	47	15,901	1	812	17,157	11,601	585	4,791	230	80,672	79,713	959	259,898	14
16	15,470	130	44,821			7,626	6,536	67	611		59,105	58,649	516	167,460	15
88	51,548	65	10,748			11,308	5,040	1,662	4,606	412	211,619	209,853	2,266	349,704	16
13	8,228	3	920			3,546	2,912	59	575		4,418	4,060	358	24,550	17
77	43,749	50	16,300			15,892	5,080	755	10,057		138,339	134,779	3,560	302,402	18
18	15,162	1	864			1,830	970	84	326		20,485	20,480	5	50,000	19
9	6,100					1,109	920	24	165		1,933	1,823	610	12,000	20
8	1,620					3,183	709	14	160	2,300	751	673	78	12,000	21
82	42,567	204	72,095			69,486	8,300	1,741	59,445		394,409	390,410	3,999	659,445	22
7	4,067	6	1,812			3,364	1,240	21	1,705	398	6,086	5,900	186	19,186	23
780	421,147	6	2,592			33,011	13,648	10,259	43,904	15,200	547,241	521,346	25,895	1,482,742	24
42	28,024	4	1,600			3,595	2,165	333	867	230	42,587	41,810	777	88,925	25
301	160,119	97	87,960	28	9,969	96,867	8,450	3,357	84,810	250	224,049	218,670	5,379	690,237	26
3	1,846					1,569	1,069	80	170	300	1,325	1,138	187	11,245	27
17	9,460					2,652	1,660	95	897		16,102	16,024	78	43,514	28
161	91,697					18,519	400	3,254	14,865		175,150	172,506	2,644	332,923	29
71	58,946					10,756	495	2,921	2,340	5,000	126,951	124,651	2,300	208,995	30
226	147,162					57,308	150	668	8,117	48,373	317,044	316,551	493	682,418	31

TABLE 8.—MANUFACTURES IN CITIES

SPRINGFIELD—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
32 Millinery, custom work	18	\$80,256			\$1,490	\$78,766	25	19	\$8,550	132	\$44,685
33 Mineral and soda waters	6	32,950	\$3,500	\$3,000	10,050	16,400	7	1	550	19	9,229
34 Monuments and tombstones	4	57,350	25,000	2,000	6,550	23,800	5	7	4,300	35	13,580
35 Painting, house, sign, etc	55	106,140	17,100	13,585	10,630	59,925	60	12	9,492	232	146,742
36 Paper goods, not elsewhere specified	8	1,122,226	38,300	198,806	248,501	636,619	12	47	82,931	466	196,363
37 Patent medicines and compounds	5	8,175	1,000	1,200	1,110	4,865	7	1	500	3	1,560
38 Paving and paving materials	3	106,570	60,150	10,200	220	36,000	4	1	1,000	29	13,100
39 Photography	13	26,080	1,700	1,950	11,230	11,200	16	4	1,598	25	10,947
40 Plumbing, and gas and steam fitting	42	251,278	13,100	19,325	25,185	193,668	49	21	15,161	246	170,025
41 Printing and publishing, book and job	22	565,986			197,755	368,231	17	121	120,686	189	103,890
42 Printing and publishing, newspapers and periodicals	14	474,053	98,500	124,700	80,050	164,803	6	147	113,233	231	207,195
43 Roofing and roofing materials	7	81,075	4,250	3,800	8,950	14,075	9			35	14,520
44 Rubber and elastic goods	3	118,877	17,500	19,500	44,360	37,017	1	6	4,500	146	39,892
45 Saddlery and harness	12	38,265	7,500	7,500	1,765	21,500	11	1	468	23	12,158
46 Soap and candles	3	29,210	1,600	3,050	1,700	22,860	2	5	8,000	14	9,034
47 Tinsmithing, coppersmithing, and sheet-iron working	12	99,607	13,000	18,000	16,207	52,400	13	9	7,612	69	34,201
48 Tobacco, cigars and cigarettes	19	247,024	20,050	8,350	7,220	211,404	22	6	8,760	266	159,902
49 Tools, not elsewhere specified	4	145,740	15,000	15,133	48,045	67,512	3	14	15,208	106	43,842
50 Watch, clock, and jewelry repairing	28	34,455	5,500	3,300	8,050	17,605	27			18	12,231
51 Wood, turned and carved	5	7,850	400	200	3,550	3,700	5			12	10,049
52 All other industries ¹	90	7,945,630	808,960	1,402,666	2,621,669	3,112,385	69	252	828,089	3,456	1,660,847

¹ Embraces artificial limbs, 1; awnings, tents, and sails, 1; bags, other than paper, 1; billiard tables and materials, 2; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, wooden packing, 1; brassware, 1; brick and tile, 2; bridges, 1; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 1; corsets, 1; cotton goods, 2; cotton small wares, 2; cotton waste, 2; cutlery and edge tools, 1; emery wheels, 1; enameling and enameled goods, 1; engraving, wood, 1; firearms, 1; flavoring extracts, 1; fur goods, 1; gas, illuminating and heating, 1; gas machines and meters, 1; gold and silver, lead and foil, 1; grease and tallow, 1; hairwork, 1; hand stamps, 2; hardware, 1; hats and caps, not including fur hats and wool hats, 1; hooks and eyes, 1; hosiery and

TAUNTON.

1 All industries	284	\$11,737,399	\$445,836	\$1,074,207	\$2,660,336	\$6,657,020	281	330	\$430,818	7,102	\$3,331,680
2 Bicycle and tricycle repairing	6	5,175			1,975	3,200	6			7	3,410
3 Blacksmithing and wheelwrighting	25	28,750	5,125	6,350	7,875	9,400	26			23	11,628
4 Boots and shoes, custom work and repairing	18	9,970	2,200	2,000	3,190	2,580	18			6	2,913
5 Bread and other bakery products	10	34,550	3,600	9,000	9,400	11,950	10	8	5,800	65	38,520
6 Brick and tile	4	112,054	36,593	11,000	19,500	44,361	5	2	1,800	79	33,375
7 Carpentering	17	59,300	3,550	8,200	8,900	38,650	17			130	74,194
8 Carriages and wagons	4	95,946	5,000	10,000	5,300	75,646	6			46	26,922
9 Clothing, men's, custom work and repairing	11	15,440			3,040	12,400	10	1	520	25	14,205
10 Confectionery	6	17,300	700	1,800	7,400	7,900	7	2	1,170	15	7,860
11 Cotton goods	7	4,410,390	117,500	1,029,170	1,568,375	1,695,345	1	44	79,664	8,151	1,125,679
12 Foundry and machine shop products	14	2,679,203	94,100	405,377	411,044	1,768,682	7	91	121,158	1,684	980,586
13 Furniture, cabinetmaking, repairing, and upholstering	6	3,225	200	600	1,150	1,375	6			6	2,575
14 Iron and steel, nails and spikes, cut and wrought, including wire nails	3	704,819	54,500	93,125	61,180	496,014	2	52	37,610	287	140,160
15 Masonry, brick and stone	6	12,565	150	500	3,225	8,690	6			35	19,780
16 Millinery, custom work	7	11,350			1,650	9,700	7			19	6,902
17 Mineral and soda waters	3	24,450	1,700	11,000	5,000	6,750	3			6	2,820
18 Models and patterns	5	8,710	900	1,600	1,780	4,550	4	1	1,000	15	9,585
19 Monuments and tombstones	3	14,100	4,000	3,500	2,875	3,725	4			18	12,040
20 Painting, house, sign, etc	17	43,280	8,700	4,000	5,025	25,555	22	5	3,224	83	48,798
21 Photography	5	6,970			4,000	2,970	5			4	1,470
22 Plumbing, and gas and steam fitting	10	45,350	2,100	4,650	6,100	32,500	14	4	2,330	44	24,407
23 Pottery, terra cotta, and fire-clay products	6	248,429	9,000	58,000	45,500	135,929	8	15	13,418	145	71,562
24 Printing and publishing, newspapers and periodicals	3	64,000			50,000	14,000		9	7,000	35	19,314
25 Saddlery and harness	7	5,975			1,500	4,475	7			6	2,900
26 Tinsmithing, coppersmithing, and sheet-iron working	4	3,600			1,650	1,950	4			5	3,700
27 Tobacco, cigars and cigarettes	7	12,695	350	1,250	560	10,535	7			14	6,607
28 Watch, clock, and jewelry repairing	10	3,620			2,035	1,585	11			5	2,625
29 All other industries ¹	60	3,056,183	95,868	312,686	421,127	2,226,608	53	96	156,124	1,185	627,143

¹ Embraces bookbinding and blank book making, 1; boot and shoe findings, 1; boots and shoes, factory product, 1; bottling, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brassware, 2; brooms and brushes, 1; buttons, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, dressmaking, 2; cooperage, 2; crucibles, 2; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical construction and repairs, 2; electroplating, 1; fancy articles, not elsewhere specified, 1; files, 1; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; grease and tallow, 1; hardware, 1; iron and steel, bolts, nuts, washers,

BY SPECIFIED INDUSTRIES: 1900—Continued.

SPRINGFIELD—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
3	\$785	129	\$48,900			\$18,330	\$14,674	\$296	\$3,360		\$123,588	\$122,782	\$856	\$272,148	32
19	9,229					3,242	1,014	167	2,061		14,901	14,411	490	45,200	33
35	13,580					6,111	1,317	436	1,858	\$3,000	44,181	43,776	405	86,366	34
231	146,512			1	\$230	21,172	5,836	653	4,783	9,900	89,810	89,459	351	342,323	35
268	180,575	198	65,788			40,433	11,495	6,077	22,861		720,691	711,875	8,816	1,164,985	36
3	1,560					1,546	288	35	1,223		5,442	5,400	42	19,025	37
29	13,100					1,415		1,165	250		40,395	40,395		66,075	38
15	7,566	10	3,381			7,597	5,108	381	1,608	500	19,434	18,924	510	56,275	39
245	169,744			1	282	17,813	12,793	1,060	3,810	150	272,525	270,834	1,691	605,324	40
184	82,683	54	21,007	1	200	214,106	13,699	3,838	72,160	124,469	132,963	129,622	3,341	750,710	41
205	196,727	23	10,168	8	300	101,478	4,632	5,605	79,188	12,153	161,985	154,529	7,456	646,004	42
35	14,520					2,059	990	153	916		19,667	19,533	134	52,015	43
72	27,000	74	12,892			3,732	180	602	2,950		63,225	61,050	2,175	135,765	44
28	12,158					2,934	2,518	86	330		16,412	16,178	234	48,642	45
14	9,034					1,462	24	754	684		46,517	45,981	536	89,520	46
69	34,201					5,337	3,108	370	1,809	50	58,206	57,125	1,031	154,565	47
163	119,338	103	40,564			50,008	4,516	1,646	43,846		177,106	172,581	4,525	439,778	48
102	42,642			4	1,200	14,695	1,800	1,071	10,999	825	29,754	28,642	1,112	151,261	49
18	12,231					6,189	4,900	219	1,070		8,936	8,763	173	53,629	50
12	10,010					814	432	32	100	250	3,115	2,690	425	20,100	51
2,383	1,372,619	994	274,066	79	14,162	737,628	58,962	45,792	617,926	14,948	3,278,710	3,189,764	88,946	7,094,739	52

knit goods, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 1; jewelry, 2; leather goods, 1; lime and cement, 1; liquors, malt, 2; lumber and timber products, 1; mattresses and spring beds, 1; models and patterns, 2; musical instruments, organs and materials, 1; needles and pins, 1; oil, not elsewhere specified, 1; paints, 1; paper hanging, 2; pens, gold, 1; photographic apparatus, 1; photographic materials, 2; photolithographing and photoengraving, 1; pickles preserves, and sauces, 1; plumbers' supplies, 1; regalia and society banners and emblems, 2; registers, cash, 1; sausage, 1; screws, machine, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; sporting goods, 1; stencils and brands, 1; stereotyping and electrotyping, 1; sugar and molasses, refining, 1; typewriter repairing, 2; typewriters and supplies, 2; wirework, including wire rope and cable, 2.

TAUNTON.

5,235	\$2,757,650	1,541	\$511,325	326	\$62,705	\$908,180	\$41,805	\$98,006	\$751,381	\$16,888	\$5,093,287	\$5,772,053	\$221,184	\$12,594,814	1
7	3,410					1,402	1,012	15	375		6,691	6,650	41	14,350	2
23	11,628					2,570	1,910	172	488		12,603	11,621	982	48,055	3
6	2,913					2,048	1,612	59	377		6,769	6,568	201	22,595	4
57	36,070	8	2,450			6,210	2,462	418	3,330		87,011	84,503	2,508	177,250	5
79	33,375					3,153	100	713	2,840		12,591	1,255	11,336	64,985	6
139	74,194					9,613	556	202	1,105	7,750	131,987	131,532	455	259,175	7
46	26,922					4,860	816	592	3,452		34,700	34,150	550	88,165	8
8	7,130	17	7,075			6,545	2,205	15	3,275	1,050	17,793	17,600	193	47,090	9
12	7,260	3	600			1,021	736	104	181		20,370	19,655	715	39,300	10
1,599	644,695	1,254	424,868	298	56,116	206,096		43,231	222,058	807	2,651,502	2,561,023	90,479	4,593,466	11
1,679	989,886	5	1,200			200,531	520	20,192	179,819		883,516	841,393	42,123	2,636,390	12
6	2,575					689	464	20	205		4,410	4,240	170	12,060	13
192	106,247	76	28,985	19	4,923	45,338	180	4,841	40,817		356,649	346,412	10,237	628,187	14
35	19,780					3,224	158	8	58	3,000	9,742	9,722	20	40,905	15
1	400	18	6,502			3,581	3,186	65	330		23,486	23,305	121	43,050	16
6	2,820					568		203	365		7,580	7,460	120	22,700	17
15	9,585					886	705	46	135		1,340	1,262	78	18,000	18
18	12,040					3,071	60	136	275	3,200	5,840	5,735	105	28,800	19
83	48,798					3,934	2,278	261	1,895		44,620	44,352	268	124,183	20
2	845	2	625			1,806	1,624	32	240		6,622	6,562	70	16,000	21
43	24,095			1	812	3,486	1,960	211	1,315		70,939	70,554	385	131,701	22
143	71,149			2	413	15,823		2,129	13,173	521	52,698	52,698	18,716	191,383	23
30	16,735	5	2,579			6,064	2,330	563	3,171		12,393	11,018	1,380	68,300	24
6	2,900					1,232	1,026	21	185		5,918	5,797	121	14,600	25
5	3,700					847	810		37		5,355	5,265	90	13,800	26
10	5,357	4	1,250			3,881	618	81	3,179		13,663	13,575	88	30,605	27
5	2,625					1,905	1,344	46	515		2,094	2,045	49	13,140	28
980	591,016	140	35,191	6	936	307,156	12,633	24,277	269,686	560	1,504,355	1,450,772	44,583	3,206,719	29

and rivets, 1; ivory and bone work, 2; lumber and timber products, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 1; millinery and lace goods, 1; oilcloth, enameled, 2; paving and paving materials, 1; plated and britannia ware, 2; printing and publishing, book and job, 2; sewing machine repairing, 1; ship and boat building, wooden, 1; silverware, 1; soap and candles, 1; stencils and brands, 1; surgical appliances, 1; taxidermy, 1; tools, not elsewhere specified, 2; wire, 1; wirework, including wire rope and cable, 2.

TABLE 8.—MANUFACTURES IN CITIES

WALTHAM.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries -----	275	\$9,162,169	\$409,227	\$1,114,144	\$2,779,908	\$4,848,890	279	198	\$264,588	5,392	\$2,630,929
2	Bicycle and tricycle repairing -----	8	7,880			1,585	5,795	9			5	2,039
3	Blacksmithing and wheelwrighting -----	16	27,000	5,900	5,700	8,125	7,275	18			20	11,850
4	Boots and shoes, custom work and repairing, -----	22	4,850			8,180	1,670	21			6	2,948
5	Bread and other bakery products.-----	12	25,820	3,500	4,900	5,720	11,200	12	4	2,788	47	27,456
6	Carpentering -----	23	51,128	10,080	14,800	5,578	21,170	25			101	51,015
7	Carriages and wagons -----	8	41,795	4,200	6,450	13,815	17,330	9	1	780	24	16,228
8	Clothing, men's, custom work and repairing, -----	10	6,675			1,100	5,575	12			30	12,890
9	Clothing, women's, dressmaking -----	20	12,950	4,000	5,800	1,415	1,735	21			60	19,908
10	Confectionery -----	4	3,375			2,350	1,025	4	3	1,080	8	3,542
11	Emery wheels -----	3	83,513	5,000	18,732	19,425	40,356	2	6	8,788	31	16,706
12	Foundry and machine shop products.-----	8	391,850	27,872	56,271	95,080	212,627	8	10	15,271	267	141,816
13	Furniture, cabinetmaking, repairing, and upholstering, -----	5	10,455	1,000	500	525	8,430	6			2	1,180
14	Lumber, planing mill products, including sash, doors, and blinds, -----	3	48,613	12,219	6,000	10,628	19,796	2	3	1,916	19	18,323
15	Masonry, brick and stone -----	17	68,005	9,450	11,500	5,895	41,160	18	5	3,980	111	57,890
16	Millinery, custom work -----	9	28,820	2,000	4,000	2,120	15,200	9	4	770	15	8,402
17	Monuments and tombstones -----	3	7,375	1,000	3,800	450	2,625	4			5	4,220
18	Painting, house, sign, etc -----	22	25,275	3,150	6,200	3,935	11,990	26			57	29,282
19	Photography -----	5	7,280			4,200	3,080	5			6	2,755
20	Plumbing, and gas and steam fitting -----	13	42,983	500	600	3,825	38,058	14	3	1,900	47	25,633
21	Printing and publishing, book and job -----	6	14,623			11,300	3,323	6			10	5,162
22	Saddlery and harness -----	4	11,900		300	1,200	10,400	3	4	1,610	7	3,950
23	Ship and boat building, wooden -----	3	21,655	1,500	10,000	2,525	7,630	4	1	260	9	5,500
24	Tobacco, cigars and cigarettes -----	8	12,220			320	11,900	3			10	4,660
25	Watch, clock, and jewelry repairing -----	6	14,400			2,100	12,300	6			9	6,150
26	All other industries ¹ -----	42	8,188,197	317,856	959,591	2,573,612	4,337,238	52	154	225,545	4,486	2,162,009

¹ Embraces bicycles and tricycles, 2; chemicals, 1; clocks, 1; cotton goods, 1; dyeing and finishing textiles, 1; electrical construction and repairs, 1; electroplating, 1; engraving and diesinking, 1; flavoring extracts, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; iron and steel, bolts, nuts, washers, and rivets, 1; lock and gun smithing, 1; marble and stone work, 2; mineral

WORCESTER.

1	All industries	1,071	\$42,966,743	\$3,051,618	\$5,084,905	\$11,370,982	\$23,459,238	1,106	1,430	\$1,791,000	25,593	\$12,894,784
2	Awnings, tents, and sails	8	1,900			1,140	760	3			7	1,611
3	Bicycle and tricycle repairing	18	18,350	2,220	900	8,565	6,565	20			22	13,497
4	Bicycles and tricycles	6	800,248	5,700	58,374	130,984	105,190	5	17	17,302	181	62,869
5	Blacking	3	28,214	2,024	5,770	3,183	17,237	2	3	4,700	4	2,581
6	Blacksmithing and wheelwrighting	54	101,530	33,950	20,350	22,850	24,380	60	1	400	116	71,036
7	Boot and shoe findings	3	29,400	2,400	10,000	6,800	10,200	3			49	19,600
8	Boots and shoes, custom work and repairing	71	12,480	172	625	8,213	8,390	72	1	600	19	8,303
9	Boots and shoes, factory product	11	651,732	33,005	75,014	109,850	433,862	13	31	84,695	803	379,745
10	Bottling	13	77,150	7,200	16,200	25,885	27,865	13	12	8,390	55	34,939
11	Bread and other bakery products	26	333,518	14,000	29,600	183,346	106,572	33	59	34,161	250	117,204
12	Brooms and brushes	3	14,171	300	800	850	12,221	1	8	4,222	21	7,750
13	Carpentering	50	332,774	23,200	30,125	47,142	232,307	55	4	2,850	597	386,064
14	Carriages and wagons	9	103,593	19,165	26,500	8,350	49,578	8	8	3,820	57	34,199
15	Clothing, men's, custom work and repairing	57	83,975			6,974	77,001	63	15	12,032	211	109,698
16	Clothing, men's, factory product	4	96,771			6,275	90,496	5			126	53,111
17	Clothing, women's, dressmaking	56	50,650	1,700	2,450	7,990	38,510	64	1	2,000	250	72,557
18	Clothing, women's, factory product	7	465,786	10,000	27,000	53,117	375,669	11	19	30,490	691	194,299
19	Confectionery	10	47,250	800	3,000	9,475	33,976	10	7	5,280	84	18,594
20	Cotton goods	3	318,373	10,000	50,090	61,446	196,837		13	12,018	125	48,749
21	Cutlery and edge tools	4	144,656	7,250	24,200	33,115	80,091		10	14,400	157	72,748
22	Dyeing and cleaning	5	3,610			2,605	1,005	7	2	375	9	5,015
23	Dyeing and finishing textiles	3	98,678	11,600	35,796	13,800	37,482	1	6	3,318	76	89,986
24	Electrical apparatus and supplies	4	85,929			9,354	26,575	4	2	1,600	21	6,430
25	Electrical construction and repairs	4	28,244		100	700	27,444	3	9	8,595	33	17,261
26	Electroplating	6	19,300	2,600	5,200	6,800	4,700	8			27	15,220
27	Engraving and diesinking	4	7,300			5,150	2,150	6			20	13,043
28	Engraving, wood	3	19,950			1,850	18,100	4			18	7,000
29	Envelopes	5	1,218,815	72,594	256,892	402,902	486,427		48	43,910	555	214,332
30	Firearms	3	374,581	14,200	61,000	144,508	184,875	1	12	16,570	632	302,214
31	Flavoring extracts	4	12,732	1,500	7,000	732	8,500	4	1	450	1	350
32	Food preparations	3	271,050	500	300	85,597	184,653	2	19	34,300	145	66,268
33	Foundry and machine shop products	90	9,644,947	1,093,338	1,188,426	2,194,902	4,568,281	85	249	443,058	4,777	2,751,857
34	Furniture, cabinetmaking, repairing, and upholstering	17	34,659	1,500	1,200	12,713	19,246	16	2	1,416	58	83,304
35	Hairwork	3	5,875			525	5,050	3	1	500	8	2,200
36	Hand stamps	3	2,050			1,750	300	3			2	750

BY SPECIFIED INDUSTRIES: 1900—Continued.

WALTHAM.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.									
3,263	\$1,881,046	2,005	\$743,889	34	\$5,994	\$671,780	\$39,368	\$93,809	\$430,888	\$108,215	\$2,317,792	\$2,217,269	\$100,523	\$6,934,381 1
5	2,039					2,225	957	60	1,118	90	6,877	6,789	138	14,945 2
20	11,850					1,921	1,424	217	280		11,266	10,020	1,246	39,805 3
6	2,948					2,807	2,726	16	125		7,784	7,642	142	21,925 4
42	26,164	5	1,292			5,401	3,118	224	2,059		62,131	60,208	1,863	118,386 5
101	51,015					81,048	736	429	1,814	28,669	139,685	139,521	114	258,590 6
24	16,228					7,508	1,046	163	2,397	3,902	14,348	13,421	927	33,875 7
16	7,740	14	5,060			3,754	2,708	65	281	700	17,152	16,927	225	42,350 8
		60	19,908			2,460	2,086	125	299		22,408	22,240	168	64,255 9
6	2,922	2	620			1,955	1,760	41	154		6,524	6,319	205	17,460 10
31	10,706					4,250	450	983	2,812		17,884	14,572	3,312	61,197 11
260	139,490	7	2,326			9,828		2,472	7,276	80	95,651	87,566	8,085	320,371 12
2	1,180					950	382	54	520		2,105	2,080	25	7,625 13
19	13,328					1,941		298	1,643		22,849	19,549	3,300	62,000 14
111	57,890	15	3,402			47,456	774	384	6,013	40,255	56,742	56,549	193	184,700 15
						3,635	3,170	111	354		29,124	29,039	85	48,360 16
5	4,220					2,600	233	125	42	2,200	3,417	3,404	13	14,000 17
57	29,282					3,253	1,543	209	1,501		16,694	16,585	109	71,675 18
4	1,830	2	925			2,266	1,840	54	372		5,780	5,690	40	18,800 19
47	25,633					3,927	2,684	171	1,022	50	71,390	71,035	855	124,120 20
8	4,086	2	1,076			1,400	906	144	835	15	9,195	8,686	509	25,421 21
7	3,950					1,000	752	127	121		9,205	9,010	195	20,250 22
9	5,500					2,494	200	185	453	1,656	4,008	3,792	211	18,900 23
9	4,360	1	300			1,152	232	55	865		3,912	3,870	42	11,640 24
9	6,150					2,292	1,407	160	525	200	5,052	5,010	42	20,900 25
2,405	1,447,035	1,987	708,980	34	5,994	523,591	8,284	86,932	397,977	30,398	1,676,714	1,597,735	78,979	5,303,230 26

and soda waters, 2; musical instruments, organs and materials, 1; paper and wood pulp, 1; paper hanging, 2; patent medicines and compounds, 2; paying and paying materials, 2; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; screws, machine, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tools, not elsewhere specified, 2; watch and clock materials, 2; watches, 2; window shades, 1.

WORCESTER.

20,421	\$11,431,473	4,589	\$1,386,473	583	\$126,838	\$1,258,926	\$452,888	\$281,664	\$3,280,681	\$294,193	\$26,660,176	\$25,793,828	\$867,348	\$53,348,789 1
2	576	5	1,035			1,172	623	4	520	25	4,322	4,182	140	10,965 2
21	13,197			1	300	4,211	3,046	117	698	350	17,451	16,877	574	52,387 3
163	59,480	13	3,889			27,363	3,890	2,788	20,695		93,745	88,940	4,805	264,249 4
2	1,611	2	970			1,094	500	322	362		9,334	9,718	186	18,579 5
116	71,036					14,725	12,156	968	1,601		48,978	45,370	3,608	209,613 6
39	16,900	10	2,700			2,768	1,040	278	1,450		66,205	65,805	900	98,650 7
19	8,903					8,014	7,444	42	528		25,145	24,232	858	78,398 8
516	276,097	281	103,048	6	600	78,449	11,105	7,578	50,941	8,825	1,053,140	1,038,112	15,028	1,610,605 9
54	34,439	1	500			20,510	5,660	661	14,189		210,626	209,026	1,600	367,017 10
154	92,371	77	22,033	19	2,800	36,687	21,575	2,795	12,317		377,962	368,334	9,628	700,086 11
11	4,750	10	3,000			1,530	800	164	566		21,919	21,509	410	43,692 12
597	386,064					227,877	5,384	1,636	11,603	208,254	787,940	783,522	4,418	1,600,129 13
57	34,199					6,182	3,004	1,023	2,055	100	35,904	33,857	2,117	115,497 14
132	85,211	78	24,383	1	104	88,494	24,124	521	6,729	2,120	105,740	104,010	1,730	330,825 15
38	24,852	88	28,259			4,316	2,560	611	1,145		164,426	163,815	581	230,100 16
7	5,096	241	67,261	2	200	14,939	11,820	128	2,816	175	72,142	71,206	936	215,645 17
46	22,790	645	171,509			16,548	7,140	3,035	6,373		448,562	443,852	8,210	553,018 18
29	16,344	5	2,250			7,803	6,067	217	1,519		46,289	45,624	865	93,042 19
31	16,625	94	32,124			19,069	2,848	678	15,548		296,191	291,513	4,676	416,062 20
136	66,198	21	6,550			8,172	2,800	1,367	4,005		48,388	44,603	3,730	175,849 21
6	3,260	3	1,755			2,402	998	23	1,881		2,063	1,490	573	13,775 22
67	37,374	9	2,612			8,601		1,105	7,496		61,062	51,059	10,003	141,919 23
21	6,430					1,782	784	323	675		15,394	14,985	399	31,811 24
33	17,261					1,191	640	222	329		56,635	56,530	105	92,650 25
26	14,920	1	300			2,094	1,800	166	638		4,394	3,210	1,184	29,198 26
19	12,783			1	260	2,304	1,226	140	938		9,295	8,815	480	33,750 27
13	7,000					1,073	740	55	283		2,717	2,602	115	27,050 28
172	103,294	381	110,675	2	363	93,787	2,990	6,861	83,980		610,363	600,619	3,714	1,150,802 29
631	301,614	1	600	1	850	46,923	4,820	3,835	88,774		115,957	110,432	5,465	649,751 30
						1,837	276	128	1,485		11,233	11,233	45	17,725 31
96	55,668	49	10,600			227,574	8,914	814	218,346		235,172	228,778	11,399	658,730 32
4,789	2,739,209	29	10,655	9	1,993	586,696	65,255	63,111	426,300	31,024	3,021,439	3,486,190	135,249	8,492,686 33
49	80,759	9	3,145			6,860	4,940	149	1,771		37,152	35,965	1,187	112,730 34
		8	2,200			989	760	42	187		8,860	6,800	60	16,000 35
2	750					738	488	16	235		1,619	1,548	71	5,850 36

TABLE 8.—MANUFACTURES IN CITIES

WORCESTER—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES, AND CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
37	Hardware	8	\$378,248	\$13,516	\$50,232	\$61,141	\$253,359	2	6	\$9,294	183	\$81,707
38	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	164,017	10,000	15,000	76,336	62,681	4	11	12,520	67	28,566
39	Lasts	3	56,817	1,000	5,175	21,283	29,359	6	3	2,898	36	23,277
40	Leather goods	3	107,749		300	23,250	84,199	3	39	22,563	150	74,520
41	Lock and gun smithing	10	5,555			4,310	1,345	11	1	54	4	2,126
42	Looking-glass and picture frames	7	12,550	500	700	750	10,600	7	1	500	11	5,595
43	Lumber, planing mill products, including sash, doors, and blinds.	3	253,406	41,125	76,325	60,371	75,585	1	17	18,430	152	72,512
44	Marble and stone work	8	503,362	159,450	43,650	106,475	193,787	7	11	27,684	418	252,833
45	Masonry, brick and stone	41	364,328	111,650	39,800	73,270	139,608	47	7	6,312	740	383,437
46	Mattresses and spring beds	3	108,920	27,600	15,000	3,920	62,500	2	4	2,008	87	88,009
47	Millinery, custom work	21	48,830			1,385	47,445	20	2	1,520	99	35,033
48	Mineral and soda waters	6	22,800			10,800	12,000	10	1	1,000	13	6,070
49	Models and patterns	4	18,214			8,296	9,918	4	1	312	29	18,929
50	Monuments and tombstones	7	126,637	36,000	23,150	28,144	39,343	8	1	950	36	26,810
51	Musical instruments, organs and materials.	3	270,211	13,000	23,720	88,140	195,351	7	7	13,800	255	132,384
52	Optical goods	5	29,813	3,600	10,392	10,978	4,843	6	8	4,000	43	16,650
53	Painting, house, sign, etc.	35	61,179	1,590	1,950	11,291	46,348	39	5	3,060	211	122,077
54	Paper hanging	3	3,165			90	3,075	3	3		20	13,820
55	Patent medicines and compounds	7	31,860	1,500	5,500	4,010	20,850	7	4	7,900	25	13,134
56	Paving and paving materials	3	53,750	9,200	9,700	21,200	13,650	4	6	7,500	75	31,814
57	Photography	18	35,299			18,384	16,915	20	6	3,644	45	23,693
58	Plumbing, and gas and steam fitting	38	191,035	4,500	4,000	14,676	167,859	51	15	14,788	210	135,078
59	Printing and publishing, book and job	31	195,851	250	325	138,817	56,459	34	7	13,018	148	84,552
60	Printing and publishing, newspapers and periodicals	14	181,452			111,703	69,749	10	114	66,604	276	183,238
61	Roofing and roofing materials	5	33,360	400	1,000	7,860	24,109	6	3	6,000	70	37,524
62	Saddlery and harness	12	33,830	1,100	400	1,955	30,375	12	3	2,000	34	23,540
63	Sausage	3	7,900	600	2,000	2,900	2,400	4	2	1,200	14	8,855
64	Screws, machine	4	438,577	15,000	35,000	142,009	246,568	4	27	27,423	459	198,829
65	Shirts	3	6,368			1,700	4,668	4			25	11,175
66	Stamped ware	3	34,169			12,772	21,397	1	3	3,300	28	16,740
67	Tinsmithing, coppersmithing, and sheet-iron working.	13	119,021	3,218	54,800	23,437	37,566	16	2	800	49	27,580
68	Tobacco, cigars and cigarettes	16	49,052	100	850	2,720	45,882	18	5	5,012	84	47,863
69	Tools, not elsewhere specified	6	154,992	200	300	56,925	97,567	7	4	9,500	109	63,676
70	Watch, clock, and jewelry repairing	25	25,688			9,094	16,594	28			21	10,703
71	Wirework, including wire rope and cable.	11	1,076,913	93,420	186,500	262,534	528,559	6	96	92,974	979	895,422
72	Wood, turned and carved	4	4,325			3,050	1,275	6			4	1,988
73	Woolen goods	11	1,104,691	77,049	96,775	178,023	752,744	7	22	41,389	855	334,805
74	Worsted goods	3	452,447	2,250	10,750	102,044	337,403	3	8	5,171	237	71,828
75	All other industries	104	21,811,462	1,047,981	2,445,199	6,095,473	12,222,809	90	422	608,997	9,140	4,661,363

¹ Embraces agricultural implements, 2; belting and hose, leather, 2; billiard tables and materials, 2; bookbinding and blank book making, 2; boot and shoe cut stock, 2; boxes, cigar, 1; boxes, fancy and paper, 1; boxes, wooden packing, 2; brass, 1; brass castings and brass finishing, 2; brick and tile, 2; bronze castings, 1; calcium lights, 1; carpets and rugs, other than rag, 2; carriage and wagon materials, 1; cars, street railroad, not including operations of railroad companies, 1; china decorating, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; corsets, 2; cotton small wares, 2; dentists' materials, 1; druggists' preparations, not including prescriptions, 2; emery wheels, 2; engraving, steel, including plate printing, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 2; fire extinguishers, chemical, 1; flouring and grist mill products, 2; fur goods, 1; fur hats, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; hand knit goods, 1; hats and caps, not including fur hats and wool hats, 2; hosiery and knit goods, 1;

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and towns	7,404	\$190,317,701	\$10,511,864	\$29,242,189	\$40,621,742	\$109,941,906	8,072	5,513	\$6,630,393	131,274	\$58,674,505
2	Abington	67	758,395	9,800	104,000	126,998	517,597	77	56	52,962	1,568	713,131
3	Adams	107	6,640,981	315,265	1,187,949	3,058,359	2,085,408	114	56	125,874	3,315	1,234,443
4	Amesbury	152	2,949,565	144,375	876,288	587,915	1,840,987	191	75	68,212	2,347	1,027,222
5	Amherst	67	559,085	24,041	104,708	134,572	295,764	71	22	21,560	525	253,906
6	Andover	57	2,096,294	94,500	311,516	251,944	1,438,334	58	48	53,602	1,103	436,212
7	Arlington	90	406,128	13,671	62,625	122,509	202,320	97	20	13,922	823	197,090
8	Attol	120	1,722,593	133,856	258,593	493,178	836,596	142	104	95,398	1,455	668,445
9	Attleboro	179	5,833,100	154,240	713,984	1,783,385	3,181,491	233	278	287,177	5,106	2,354,880
10	Beverly	227	2,552,955	78,987	160,002	667,056	1,646,910	286	116	75,073	2,810	1,390,006
11	Blackstone	23	5,023,339	528,087	710,101	567,754	3,217,397	16	51	82,687	1,742	776,201
12	Bridgewater	54	866,911	42,305	114,035	160,820	549,751	55	39	39,839	838	478,381
13	Brookfield	35	393,859	14,600	12,050	308,129	59,080	33	10	3,500	455	202,800
14	Canton	59	2,214,623	202,470	517,975	405,949	1,088,229	58	85	108,062	749	339,899
15	Chicopee	122	6,595,802	449,495	1,179,121	1,814,499	3,152,687	129	123	153,509	4,331	1,668,302
16	Clinton	104	7,098,744	150,892	1,231,765	1,874,147	3,841,940	111	85	115,312	4,021	1,600,948
17	Dalton	33	1,724,823	53,015	594,828	318,285	818,695	36	53	85,633	848	351,101
18	Danvers	90	1,398,384	60,040	119,555	255,020	954,219	109	51	53,671	974	439,432
19	Dedham	96	777,098	112,125	108,852	163,394	392,627	96	15	12,431	678	805,824
20	Dudley	18	1,978,281	307,151	301,851	261,423	1,107,867	14	30	45,690	1,195	437,177
21	Easthampton	63	2,300,366	93,100	383,534	655,542	1,168,190	62	45	93,021	1,714	653,933

BY SPECIFIED INDUSTRIES: 1900—Continued.

WORCESTER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.			
Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.											
140	\$61,494	1	\$178	42	\$20,095	\$42,818	\$866	\$1,850	\$40,102		\$60,096	\$56,702	\$3,394	\$217,710	37	
59	26,082	5	1,884	3	1,100	6,830	1,800	1,883	3,147		421,176	417,552	3,624	542,200	38	
86	23,277					8,210	3,400	444	3,766	\$600	11,502	10,208	1,234	67,516	39	
96	57,400	54	17,120			42,092	6,100	1,042	34,950		94,284	93,619	665	364,568	40	
3	1,606	1	520			1,865	1,388	17	860	100	3,915	3,649	266	16,050	41	
11	5,595					2,512	1,287	106	1,119		14,744	14,639	105	32,075	42	
150	71,512	2	1,000			10,580	3,000	2,710	4,870		139,461	137,161	2,300	268,405	43	
418	252,863					19,687	600	1,961	12,212	4,914	486,552	482,029	4,523	911,969	44	
740	386,437					40,435	1,928	3,835	80,972	3,700	668,207	665,356	2,851	1,230,958	45	
57	23,406	30	14,608			10,292	1,895	1,050	7,847		134,000	132,580	1,420	242,249	46	
11	5,820	95	34,568	4	465	12,248	9,108	865	2,775		106,149	105,586	563	189,349	47	
29	18,929			2	250	4,177	1,741	153	2,283		9,183	8,715	468	34,588	48	
36	26,810					3,503	2,180	127	1,556		9,164	8,462	702	39,155	49	
206	114,888	49	17,496			4,517	760	698	3,059		19,931	19,116	815	74,957	50	
						21,424	5,985	2,604	12,835		148,235	144,835	3,400	382,486	51	
36	15,650	7	1,000			4,822	2,080	35	2,707		11,235	9,688	1,547	33,600	52	
211	122,077					9,293	5,917	333	3,043		69,154	68,570	584	253,045	53	
20	13,820					1,214	528	87	679		9,315	9,245	70	29,187	54	
17	7,574	8	5,560			3,487	2,000	192	1,245		14,645	14,570	75	99,750	55	
75	81,814					1,840	200	333	1,307		20,699	25,734	3,965	104,400	56	
28	18,378	17	5,315			10,989	8,889	149	1,951		21,049	20,593	456	91,089	57	
210	135,078					19,503	12,742	1,488	5,573		318,306	316,804	1,012	625,268	58	
132	78,617	11	5,168	6	767	35,514	9,278	915	17,487	7,884	84,629	81,230	3,390	271,025	59	
259	179,703	16	3,276	1	259	81,897	16,932	2,093	57,854	5,018	109,748	101,296	8,447	490,869	60	
70	37,524					1,637	1,231	116	290		108,307	108,047	260	212,820	61	
34	23,540					3,040	2,800	264	876		27,651	27,474	177	73,522	62	
13	8,680	1	175			4,280	360	140	3,280		53,179	52,144	1,035	75,500	63	
405	183,603	54	15,226			41,014	9,252	2,172	29,590		161,119	162,902	8,217	546,495	64	
2	1,375	23	9,800			3,973	940	13	20		13,107	12,847	260	29,377	65	
28	16,740					3,086	2,260	225	601		13,875	13,035	840	42,623	66	
49	27,580					5,202	2,586	532	2,144		46,930	45,973	957	112,591	67	
66	42,197	14	4,336	4	830	17,480	2,647	599	14,210	24	47,848	47,074	274	142,200	68	
103	53,520			1	156	13,667	7,440	2,291	3,136	1,000	54,543	53,036	1,507	189,975	69	
21	10,708					7,717	6,763	48	906		11,005	10,605	400	47,599	70	
686	325,479	262	59,371	31	10,572	56,910	3,862	8,264	44,784		775,626	756,232	19,394	1,531,047	71	
4	1,988					613	524	19	70		3,108	2,512	596	8,811	72	
471	209,025	364	121,967	20	3,313	71,894	11,000	6,849	33,915	15,130	920,451	885,929	34,522	1,553,297	73	
86	39,506	115	26,633	30	5,689	10,623	4,511	1,752	10,360		291,855	274,674	17,181	464,973	74	
7,949	4,204,767	1,399	380,224	392	76,372	2,094,411	67,946	181,105	1,890,360	5,000	12,419,331	11,914,132	505,199	22,745,505	75	

house furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 2; japanning, 1; jewelry, 1; leather, tanned, curried, and finished, 1; linen goods, 1; liquors, malt, 2; lithographing and engraving, 1; musical instruments and materials, not specified, 2; musical instruments, pianos and materials, 2; oil, not elsewhere specified, 2; paints, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; perfumery and cosmetics, 1; photographic materials, 2; plastering and stuccowork, 1; plumbers' supplies, 2; refrigerators, 2; regalia and society banners and emblems, 1; show cases, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; sporting goods, 1; surgical appliances, 1; taxidermy, 1; trunks and valises, 1; umbrellas and canes, 2; upholstering materials, 1; vinegar and cider, 1; woodenware, not elsewhere specified, 2.

TOWNS UNDER 20,000 IN POPULATION: 1900.

92,956	\$46,822,280	35,105	\$11,260,743	3,213	\$591,482	\$11,394,332	\$1,007,635	\$1,330,600	\$3,001,461	\$1,045,686	\$183,761,916	\$180,754,263	\$3,007,653	\$245,245,235	1
1,109	562,076	349	147,405	110	3,700	56,423	3,362	4,553	48,203	800	1,712,764	1,702,662	10,102	2,684,644	2
1,907	818,353	1,252	339,863	166	32,743	251,319	7,132	52,517	163,284	23,886	1,889,969	1,719,983	119,986	4,189,239	3
1,662	844,464	621	172,079	64	10,673	227,650	33,982	19,250	169,205	5,222	2,090,449	2,033,800	56,649	3,898,251	4
320	172,610	204	81,283	1	113	73,716	4,972	3,327	24,187	41,230	716,093	699,710	16,383	1,316,143	5
683	314,100	341	113,226	79	8,886	110,106	8,247	17,369	75,490	9,000	1,073,222	1,050,203	28,019	1,888,329	6
292	188,006	27	8,322	4	771	43,915	13,192	2,881	17,213	20,629	268,934	257,181	11,753	681,010	7
1,016	526,904	421	133,996	13	7,545	119,906	11,123	11,364	85,895	11,519	1,307,815	1,291,410	16,405	2,549,704	8
3,570	1,839,469	1,472	502,117	64	13,394	359,736	62,681	31,862	232,033	33,160	4,106,820	4,039,166	67,654	9,442,752	9
2,097	1,158,435	607	223,184	46	8,447	215,536	43,160	9,340	87,557	75,449	2,546,186	2,511,318	34,868	4,933,752	10
1,248	619,018	421	143,798	78	13,885	86,602	1,139	25,457	57,003	3	2,850,300	2,807,661	43,239	6,593,641	11
705	422,485	127	54,704	6	1,192	48,933	4,107	5,451	31,875	2,500	1,300,927	1,257,679	43,248	2,075,377	12
334	163,737	115	37,849	6	1,214	33,067	18,436	1,430	18,191	10	544,591	528,174	16,417	809,420	13
561	262,436	244	76,605	4	768	33,839	4,732	12,004	66,113	990	929,509	874,246	55,263	1,650,829	14
2,495	1,160,573	1,716	486,742	120	21,047	433,337	15,416	75,345	331,426	11,150	5,666,713	5,585,075	81,638	8,704,907	15
2,409	1,049,994	1,423	513,455	189	37,499	222,973	13,957	19,487	121,529	18,000	2,918,952	2,822,526	91,426	5,446,763	16
423	225,609	414	123,092	11	2,400	143,454	4,870	16,890	121,594	100	726,946	635,780	41,166	1,619,191	17
760	416,741	197	68,671	17	8,720	39,659	7,008	6,686	56,367	19,698	1,756,846	1,723,719	33,127	2,654,936	18
516	253,942	151	44,825	11	2,057	43,846	6,363	9,991	27,008	484	687,550	655,172	32,378	1,260,125	19
675	286,366	486	137,687	84	13,124	108,027	1,716	12,224	94,087		1,018,132	992,322	25,810	1,661,978	20
914	408,260	776	245,388	24	5,265	113,403	4,978	23,001	33,392	2,032	1,452,605	1,433,527	19,078	2,669,753	21

TABLE 9.—MANUFACTURES IN CITIES AND

	CITIES AND TOWNS.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Average num-ber.	Wages.
22	Easton	46	\$1,244,991	\$48,550	\$372,219	\$95,262	\$728,960	50	28	\$30,042	706	\$310,991
23	Fairhaven	47	329,491	34,690	46,450	110,279	138,072	49	13	7,331	313	170,096
24	Foxboro	45	303,048	6,402	37,633	83,112	180,901	49	18	20,008	491	221,858
25	Frammingham	144	3,092,662	259,640	538,891	601,661	1,692,470	159	83	75,551	2,475	1,018,839
26	Franklin	51	1,828,556	101,500	249,072	382,195	1,090,189	49	42	48,208	888	397,846
27	Gardner	118	6,073,152	204,255	725,197	602,677	4,481,023	128	120	130,892	3,083	1,299,492
28	Grafton	49	1,938,007	106,875	395,850	642,027	793,255	50	42	56,898	1,256	406,720
29	Great Barrington	94	1,436,391	72,280	212,978	390,836	760,297	96	37	49,567	1,010	415,547
30	Greenfield	141	1,735,880	69,000	180,895	323,643	1,145,832	147	99	95,080	1,223	551,550
31	Groveland	11	798,941	14,973	125,388	53,415	605,165	11	8	7,700	415	172,308
32	Hardwick	16	1,442,613	31,350	431,750	466,575	512,943	16	14	23,550	755	289,932
33	Hinsdale	14	840,045	7,345	45,050	24,631	253,019	13	6	8,684	250	88,395
34	Hopedale	4	3,031,796	68,047	636,880	881,082	1,895,807	6	50	107,181	1,464	790,439
35	Hudson	74	1,615,132	49,625	182,300	279,818	1,129,589	76	48	66,321	1,571	769,626
36	Hyde Park	127	3,740,053	286,725	680,020	845,250	1,928,058	119	109	155,929	2,792	1,317,684
37	Ipswich	64	826,419	57,269	79,238	142,923	546,989	58	18	24,216	843	382,277
38	Lee	71	1,209,509	211,300	220,675	360,294	417,240	76	42	59,611	620	274,004
39	Leicester	20	970,246	56,661	131,800	243,024	538,761	18	13	16,217	647	266,210
40	Leominster	167	3,937,611	289,485	638,544	688,821	2,425,761	201	158	167,179	3,623	1,600,186
41	Mansfield	52	557,480	24,760	93,808	110,811	328,601	59	23	51,314	571	274,840
42	Marblehead	100	469,859	25,682	68,113	134,144	241,920	124	15	11,476	1,032	411,372
43	Marlboro	142	2,191,860	141,789	365,505	343,108	1,341,478	144	74	100,752	2,780	1,304,361
44	Maynard	43	2,349,645	403,425	459,050	411,775	1,075,395	42	26	68,517	838	345,480
45	Medford	141	1,323,106	217,783	255,039	259,171	596,113	149	65	73,862	968	487,793
46	Melrose	106	3,296,048	160,937	256,745	226,622	2,651,744	134	84	88,068	1,423	685,422
47	Merrimac	40	252,812	17,350	27,350	27,543	180,569	47	9	10,140	252	114,739
48	Methuen	74	1,203,412	84,932	268,292	267,389	582,749	86	21	23,931	726	302,934
49	Middleboro	110	1,034,730	71,766	133,796	233,121	596,107	181	51	34,870	1,091	510,724
50	Milford	129	1,240,782	66,435	149,835	394,063	630,449	161	84	76,202	1,554	773,144
51	Milbury	54	1,047,897	56,972	177,468	293,139	520,318	52	18	18,240	694	270,862
52	Milton	58	291,284	32,750	59,550	78,421	120,563	64	10	5,392	385	139,920
53	Monson	43	690,481	89,040	133,200	165,280	302,961	51	14	17,850	523	234,606
54	Montague	60	2,635,585	216,018	726,343	757,359	953,875	58	47	81,039	1,208	551,180
55	Natick	154	1,061,820	34,580	139,505	214,650	672,585	178	40	30,149	1,502	726,137
56	Newburyport	195	3,863,199	125,712	480,362	791,436	2,465,689	192	212	206,247	3,076	1,326,719
57	Northampton	214	2,728,140	148,800	451,095	798,791	1,329,454	235	103	112,875	2,406	1,140,655
58	North Andover	34	1,225,212	41,170	264,460	230,471	639,111	34	31	41,492	873	420,058
59	North Attleboro	116	2,014,999	30,840	123,827	635,385	1,153,447	145	156	157,509	2,162	1,160,052
60	Northbridge	31	8,826,408	94,873	828,087	769,077	2,184,371	33	44	143,384	2,648	1,130,404
61	North Brookfield	61	962,164	24,061	78,300	69,292	790,511	54	33	52,935	1,307	643,635
62	Norwood	53	2,437,949	114,177	229,300	342,411	1,752,061	55	48	51,832	1,511	859,242
63	Orange	81	2,770,130	84,400	191,734	601,744	1,892,192	79	82	116,118	1,315	635,632
64	Palmer	78	3,104,019	73,150	546,261	771,632	1,713,006	78	63	71,039	3,053	1,251,992
65	Peabody	161	4,437,229	273,200	687,191	706,678	2,770,160	185	148	150,379	2,881	1,384,126
66	Randolph	54	441,070	14,425	85,365	85,999	257,281	59	25	24,582	725	359,150
67	Reading	72	455,247	50,875	64,650	135,930	203,792	90	20	21,014	448	188,645
68	Revere	82	602,819	89,305	214,880	94,425	104,209	89	9	8,704	255	133,129
69	Rockland	81	998,824	22,824	154,300	210,294	611,406	90	58	51,995	1,071	515,974
70	Rockport	41	737,225	213,793	61,189	256,797	205,446	45	23	28,513	566	255,634
71	Salisbury	11	11,970	1,000	2,100	5,945	2,925	11			14	6,988
72	Shelburne	33	132,063	10,200	22,525	62,529	36,809	33	6	5,234	90	39,096
73	Southbridge	109	4,269,358	272,191	551,246	941,674	2,504,247	112	67	94,454	2,871	1,225,064
74	South Hadley	24	768,186	67,238	206,797	128,850	355,301	26	23	28,198	254	109,352
75	Spencer	81	1,519,234	79,824	75,687	270,151	1,094,072	83	67	45,924	1,665	613,917
76	Stoneham	94	822,071	47,175	92,250	195,314	487,332	103	64	75,881	1,290	544,213
77	Stoughton	56	2,125,321	40,825	180,050	321,255	1,568,191	59	40	43,336	1,071	451,274
78	Wakefield	97	3,209,070	133,568	362,323	297,026	2,416,153	101	81	100,394	1,616	784,844
79	Walpole	44	2,010,385	99,606	320,594	517,645	1,066,540	40	89	137,051	684	370,945
80	Ware	100	3,284,599	181,899	688,851	595,379	1,818,470	104	48	64,225	2,777	979,330
81	Warren	39	1,379,563	77,300	314,577	310,705	676,981	34	22	22,771	1,027	426,594
82	Watertown	105	4,519,242	520,513	791,612	1,201,990	2,032,127	106	134	178,235	2,304	1,130,090
83	Webster	83	3,733,575	50,695	364,375	534,496	2,784,009	87	51	62,332	2,490	870,244
84	Westboro	57	948,047	9,233	101,490	159,685	677,639	59	19	18,456	843	383,586
85	Westfield	186	4,345,372	235,000	487,839	1,104,258	2,514,375	188	258	327,644	2,641	1,229,643
86	West Springfield	41	934,945	34,624	482,904	99,337	318,080	41	38	60,816	626	345,776
87	Weymouth	130	4,427,328	239,733	856,191	605,383	3,196,021	153	218	287,150	1,998	911,502
88	Whitman	65	2,054,815	66,525	217,039	258,032	1,543,219	72	102	100,377	2,059	1,092,024
89	Wilbraham	15	711,426	62,825	135,721	156,796	356,084	13	9	19,460	171	81,100
90	Williamstown	38	815,368	98,670	235,484	234,407	243,807	41	12	12,619	365	141,864
91	Winchendon	53	1,454,853	76,634	317,636	341,606	713,977	69	83	83,760	1,238	462,582
92	Winchester	52	3,724,461	62,596	284,728	634,814	2,762,523	55	124	183,098	1,155	666,064
93	Winthrop	43	106,445	2,150	27,350	18,575	85,370	47	8	1,490	118	80,543
94	Woburn	123	2,983,765	83,762	361,043	586,273	1,952,622	133	56	65,217	1,596	757,670

TOWNS UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
588	\$280,280	89	\$25,902	29	\$4,812	\$23,910	\$3,349	\$5,822	\$9,701	\$5,038	\$308,925	\$781,893	\$22,032	\$1,523,467	22
284	159,131	28	10,861	1	104	22,757	1,793	3,094	17,870		126,508	118,101	8,407	408,099	23
229	125,342	262	96,516			37,240	13,080	2,164	20,741	1,255	359,607	343,509	16,098	777,219	24
1,349	693,398	1,078	316,036	48	8,905	187,797	23,145	26,054	93,026	45,572	2,010,281	1,980,305	29,976	3,714,732	25
595	303,688	277	89,974	16	4,204	87,325	7,478	8,464	71,888		954,409	927,014	27,395	1,686,041	26
2,686	1,177,979	388	119,559	9	1,951	198,615	11,202	41,774	135,689	9,950	2,454,237	2,393,680	55,557	4,763,863	27
672	283,102	508	168,016	76	15,611	94,403	3,722	16,371	74,310		927,957	907,667	20,290	1,708,342	28
742	344,510	247	66,916	21	4,121	108,012	17,714	10,035	64,762	15,501	832,032	816,597	15,435	1,671,574	29
997	487,492	198	59,303	28	4,755	95,786	16,616	10,821	53,872	14,477	884,443	851,497	32,946	2,093,352	30
243	122,245	127	39,214	45	10,489	34,119	159	4,502	29,458		594,025	559,809	34,216	857,736	31
500	223,380	209	57,902	46	8,650	72,438	340	10,038	59,485	2,575	691,354	648,498	42,856	1,173,776	32
153	62,717	84	23,519	13	2,159	19,602	450	2,569	16,583		275,638	268,028	7,610	434,627	33
1,458	789,019	6	1,420			123,682	200	7,603	115,879		1,214,395	1,199,750	14,645	3,319,747	34
1,051	556,406	493	206,152	27	7,067	154,641	15,025	11,163	125,203	8,250	2,440,180	2,424,390	15,790	3,621,137	35
2,077	1,120,542	696	192,991	19	4,151	157,816	12,112	25,212	113,162	7,330	2,747,589	2,687,170	60,419	5,007,499	36
471	265,891	341	111,248	31	5,138	142,440	2,138	7,872	84,616	97,820	481,386	469,301	12,085	1,194,826	37
424	227,597	195	46,251	1	156	71,200	2,513	9,945	58,025	717	483,569	439,479	44,090	1,168,328	38
376	181,570	246	79,483	25	5,157	30,781	9,168	7,452	23,161		641,288	616,408	24,880	1,063,669	39
2,439	1,211,616	1,137	379,248	47	9,322	368,417	26,408	23,412	280,502	38,095	2,986,707	2,911,365	75,342	5,856,174	40
412	232,352	159	42,488			25,428	2,263	3,485	15,053	4,627	485,531	475,376	10,155	1,035,801	41
743	332,401	289	78,971			35,175	9,893	2,917	15,865	6,500	811,180	801,691	9,489	1,410,406	42
1,791	967,744	900	315,639	89	20,918	183,801	22,410	13,995	144,983	2,413	3,057,414	3,036,251	21,163	4,986,399	43
566	262,048	221	73,466	51	9,966	48,569	2,731	13,331	28,817	3,670	833,742	807,430	26,312	1,531,003	44
884	463,015	72	22,849	12	1,929	117,441	18,721	10,887	72,708	15,125	896,460	847,822	48,638	1,907,624	45
865	503,419	549	189,075	14	2,328	456,120	10,910	45,858	388,173	11,170	2,403,575	2,382,952	20,623	3,945,580	46
250	114,364	2	375			16,924	4,033	1,815	11,076		200,791	195,649	5,142	391,793	47
457	215,559	243	81,764	26	5,611	81,815	7,140	10,305	53,764	10,106	694,506	668,350	26,156	1,273,920	48
845	424,641	227	84,881	9	1,202	101,421	10,745	7,860	60,616	16,200	1,293,425	1,276,573	16,852	2,299,946	49
1,102	615,760	420	150,031	32	7,353	103,886	22,632	9,094	70,635	1,525	1,636,739	1,616,384	20,355	3,071,493	50
489	200,406	230	55,544	25	4,912	43,455	5,880	10,597	27,218	260	579,605	557,805	21,800	1,082,294	51
290	177,740	41	11,555	4	625	33,278	5,354	1,263	9,286	17,375	271,787	265,866	5,921	675,793	52
355	164,591	163	69,127	5	888	64,438	2,283	4,037	58,118		410,372	400,799	9,573	876,123	53
887	466,851	264	75,461	57	11,884	113,694	4,435	31,446	76,963	860	847,319	734,096	113,223	1,985,093	54
1,089	608,364	897	119,809	16	2,904	146,368	12,922	5,621	92,775	35,050	2,094,150	2,078,744	15,406	3,298,777	55
2,073	1,040,946	961	279,516	42	6,257	358,728	30,222	21,850	289,021	17,626	3,258,571	3,212,283	46,288	5,685,708	56
1,795	946,451	581	187,818	30	6,386	274,017	35,985	19,888	175,481	42,663	1,974,483	1,911,326	63,107	4,193,486	57
717	368,906	139	47,807	17	3,840	70,511	1,386	14,072	50,513	4,510	655,002	630,359	24,643	1,345,589	58
1,458	802,003	694	295,907	10	2,082	137,087	39,724	10,455	82,433	4,475	1,609,569	1,574,466	35,103	3,990,731	59
2,106	987,075	434	123,127	108	20,202	77,821	2,269	26,893	48,659		1,140,798	1,088,623	52,175	3,028,861	60
947	535,552	344	100,560	16	8,723	79,458	3,209	7,584	66,065	2,000	2,078,095	2,063,096	9,999	3,018,676	61
1,321	802,699	186	55,593	4	950	208,085	19,011	12,265	151,797	25,012	1,823,438	1,797,642	25,796	3,848,974	62
1,093	578,100	207	55,250	15	2,326	132,429	7,630	24,100	93,676	7,123	1,217,233	1,204,045	13,248	2,602,353	63
2,228	1,027,332	718	206,400	107	18,260	143,323	5,647	25,247	111,429	1,000	2,575,330	2,497,322	78,008	4,483,068	64
2,703	1,392,555	174	50,726	4	842	245,513	32,578	24,459	174,326	14,150	4,384,297	4,491,461	91,833	7,261,617	65
550	298,591	168	64,040	7	1,519	27,807	4,723	2,106	19,578	900	903,917	895,726	8,191	1,425,890	66
283	139,375	102	48,394	3	876	32,950	8,278	3,927	20,745		534,621	523,810	11,811	914,422	67
248	130,486	5	2,112	2	531	26,757	5,517	2,804	12,306	6,070	170,181	153,990	16,191	451,215	68
791	421,544	241	86,430	39	8,000	112,435	6,775	5,305	100,355		1,863,359	1,851,029	12,330	2,888,972	69
561	253,818	5	1,816			34,390	1,460	5,810	27,120		142,307	132,240	10,157	634,755	70
14	6,988					678	107	51	420		8,243	7,971	277	24,325	71
76	34,556	12	4,040	2	500	7,053	2,398	564	4,066	25	50,112	48,092	2,020	140,575	72
1,989	961,783	743	241,425	134	21,850	222,267	10,336	37,880	135,451	38,000	1,947,000	1,884,004	62,996	3,854,638	73
141	79,543	113	29,809			35,564	1,117	9,918	28,029	1,500	238,361	217,197	21,164	522,810	74
1,172	478,926	434	126,713	69	18,278	92,632	13,198	10,945	69,414	4,075	1,812,515	1,799,467	13,048	2,784,919	75
761	353,173	517	185,175	22	5,805	75,708	12,152	5,323	54,083	4,150	1,894,999	1,881,513	13,481	2,856,919	76
681	346,915	367	99,709	23	4,650	161,183	4,410	10,818	121,802	24,093	1,521,417	1,499,404	22,013	2,297,798	77
1,227	655,274	382	128,360	7	1,004	220,168	8,237	18,800	82,472	110,859	1,354,253	1,330,435	23,818	2,938,656	78
622	353,143	58	16,988	4	814	173,320	7,566	8,599	152,855	4,800	825,216	769,558	55,658	1,972,398	79
1,514	652,939	1,034	294,403	179	82,688	127,775	3,888	81,070	74,497	13,220	2,119,178	2,071,533	47,645	3,681,069	80
736	351,698	276	72,223	15	2,678	54,434	2,921	12,405</							

CENSUS BULLETIN.

No. 159.

WASHINGTON, D. C.

April 23, 1902.

MANUFACTURES.

NEW YORK.

HON. WILLIAM R. MERRIAM,
Director of the Census.

SIR: I transmit herewith, for publication in bulletin form, the statistics of manufacturing and mechanical industries for the state of New York for the census year 1900, taken in accordance with the provisions of section 7 of the act of March 3, 1899. This section requires that "The schedules of inquiries relating to the products of manufacturing and mechanical establishments shall embrace the name and location of each establishment; character of organization, whether individual, cooperative, or other form; date of commencement of operations; character of business or kind of goods manufactured; amount of capital invested; number of proprietors, firm members, copartners, or officers, and the amount of their salaries; number of employees, and the amount of their wages; quantity and cost of materials used in manufactures; amount of miscellaneous expenses; quantity and value of products; time in operation during the census year; character and quantity of power used; and character and number of machines employed."

In each of the above particulars the requirements of the law have been observed, but certain of the data thus elicited are reserved for publication in the final volumes.

There were 106 cities and villages in the state withdrawn from the enumerators and their manufacturing statistics collected by special agents, in accordance with the further provision of section 7 of the census act. Wherever the phrase "urban manufactures" is used in this bulletin, it applies only to those cities and villages which were withdrawn from the enumerators and committed to special agents, and only to manufacturing establishments within the corporate limits of such places.

Twenty-one cities in New York contain a population exceeding 20,000: Albany, Amsterdam, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Jamestown, Kingston, Mt. Vernon, Newburg, Greater New York (which includes the boroughs of Brooklyn, Manhattan, Bronx, Queens, and Richmond), Oswego, Poughkeepsie, Rochester, Schenectady, Syracuse, Troy, Utica, Watertown, and Yonkers. Mt. Vernon is not, however, a manufacturing

city, and therefore was not withdrawn from the enumerators. The manufacturing statistics of 20 of these cities are presented by specified industries, and the statistics of Albany, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Kingston, Newburg, New York (with sub-totals for the boroughs of Brooklyn, Manhattan and Bronx, Queens, and Richmond), Oswego, Poughkeepsie, Rochester, Syracuse, Troy, Utica, and Yonkers are presented in comparison with the returns of the Eleventh Census. The statistics of Amsterdam, Jamestown, Schenectady, and Watertown were not shown separately in 1890, and comparisons with that year are, therefore, not possible in these cases.

Mr. Adna F. Weber, chief statistician of the New York State Department of Labor, rendered valuable assistance in the preparation of the text for the accompanying report.

The statistics of New York are presented in 9 tables: Table 1 showing comparative figures for the state at the several censuses; Table 2 showing all the industries of the state divided between hand trades and the manufactures proper, and also the statistics of governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than \$500, which three latter classes were not reported at previous censuses; Table 3 showing the statistics of the 36 leading industries of the state for 1890 and 1900; Table 4 showing the totals for the cities of Albany, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Kingston, Newburg, New York (with sub-totals for the boroughs of Brooklyn, Manhattan and Bronx, Queens, and Richmond), Oswego, Poughkeepsie, Rochester, Syracuse, Troy, Utica, and Yonkers at the censuses of 1890 and 1900; Table 5 showing the urban manufactures of the state in comparison with the totals for the entire state and the state exclusive of the cities and villages withdrawn from the enumerators; Table 6 showing the statistics for the state by counties; Table 7 showing the statistics for the state by specified industries; Table 8 showing the statistics for the cities of Albany, Amsterdam, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Jamestown, Kingston, Newburg, Greater New York (also the boroughs of Brooklyn, and Manhattan and Bronx), Oswego, Poughkeepsie, Rochester, Schenectady, Syracuse,

Troy, Utica, Watertown, and Yonkers by specified industries; and Table 9 showing the totals for all industries in each of the cities and villages withdrawn from the enumerators (exclusive of those shown in Table 8).

Table 1 shows the growth of manufactures in New York for the half century which terminates with the Twelfth Census. The manufacturing statistics of the censuses prior to 1850 were too imperfect and fragmentary in character to make it proper to reproduce them in such a table as a measure of industrial growth in the first half of the century. Owing to changes in the method of taking the census, comparisons between the earlier and later decades, represented in Table 1, should be drawn only in the most general way. Nevertheless, the rate of growth in New York manufactures may be fairly inferred from the figures given.

In drafting the schedules of inquiry for the census of 1900 care was taken to preserve the basis of comparison with prior censuses. Comparison may be made safely with respect to all the items of inquiry except those relating to capital, salaried officials, clerks, etc., and their salaries, the average number of employees, and the total amount of wages paid. Live capital, that is, cash on hand, bills receivable, unsettled ledger accounts, raw materials, stock in process of manufacture, finished products on hand, and other sundries, was first called for at the census of 1890. No definite attempt was made, prior to the census of 1890, to secure a return of live capital invested.

Changes were made in the inquiries relating to employees and wages in order to eliminate defects found to exist on the form of inquiry adopted in 1890. At the census of 1890 the average number of persons employed during the entire year was called for, and also the average number employed at stated weekly rates of pay, and the average number was computed for the actual time the establishments were reported as being in operation. At the census of 1900 the greatest and least numbers of employees were reported, and also the average number employed during each month of the year. The average number of wage-earners (men, women, and children) employed during the entire year was ascertained by using 12, the number of calendar months, as a divisor into the total of the average numbers reported for each month. This difference in the method of ascertaining the average number of wage-earners during the entire year may have resulted in a variation in the number, and should be considered in making comparisons.

At the census of 1890 the number and salaries of proprietors and firm members actively engaged in the business or in supervision were reported, combined with clerks and other officials. In cases where proprietors and firm members were reported without salaries, the amount that would ordinarily be paid for similar services was estimated. At the census of 1900 only the number of proprietors and firm members actively engaged in the industry or in supervision was ascertained, and no salaries were reported for this class. It is therefore impossible to compare the number and salaries of salaried officials of any character for the two censuses.

Furthermore, the schedules for 1890 included in the wage-earning class, overseers, foremen, and superintendents (not general superintendents or managers), while the census of 1900 separates from the wage-earning class such salaried employees as general superintendents, clerks, and salesmen. It is possible and probable that this change in the form of the question has resulted in eliminating from

the wage-earners, as reported by the present census, many high-salaried employees included in that group for the census of 1890.

In some instances, the number of proprietors and firm members, shown in the accompanying tables, falls short of the number of establishments reported. This is accounted for by the fact that no proprietors or firm members are reported for corporations or cooperative establishments.

The reports show a capital of \$1,651,210,220 invested in manufactures and mechanical industries in the 78,658 establishments reporting for the state of New York. This sum represents the value of land, buildings, machinery, tools, and implements, and the live capital utilized, but does not include the capital stock of any of the manufacturing corporations of the state. The value of the products is returned at \$2,175,726,900, to produce which involved an outlay of \$82,075,648 for salaries of officials, clerks, etc.; \$408,855,652 for wages; \$221,886,271 for miscellaneous expenses, including rent, taxes, etc.; and \$1,143,791,776 for materials used, mill supplies, freight, and fuel. It is not to be assumed, however, that the difference between the aggregate of these sums and the value of the products is, in any sense, indicative of the profits in the manufacture of the products during the census year. The census schedule takes no cognizance of the cost of selling manufactured articles, or of interest on capital invested, or of the mercantile losses incurred in the business, or of depreciation in plant. The value of the product given is the value as obtained or fixed at the shop or factory. This statement is necessary in order to avoid erroneous conclusions from the figures presented.

The value of products for the state of New York, \$2,175,726,900, is the gross value, and not the net or true value. The difference between these two should be carefully noted. The gross value is found by adding the value of products in the separate establishments. But the finished product of one establishment is often the raw material for another. In such cases the value of the former reappears in the latter, and thus the original cost of certain materials may be included several times in the gross value. The net or true value is found by subtracting from the gross value the value of all materials purchased in a partly manufactured form. In this way the duplications in the gross value are eliminated.

At the census of 1890 the schedule was so framed that it was impossible to find the net or true value. In the present census the schedule asked for the value of the materials in two classes, those purchased in the crude state and those purchased in the partly manufactured form. From the answers to these questions the net or true value of products may be computed. Thus, for New York, the gross value of products for 1900 was \$2,175,726,900. The value of materials purchased in a partly manufactured form was \$850,428,021. The difference, \$1,325,298,879, is the net or true value of products, and represents the value of all crude materials used, together with the increase in value resulting from the various processes of manufacture.

Very respectfully,



Chief Statistician for Manufactures.

NEW YORK.

Table 1 shows the manufacturing and mechanical industries of the state of New York as returned at the censuses of 1850 to 1900, inclusive, with the percentages of increase for each decade. This table also presents the average number of wage-earners employed by manufacturing estab-

lishments, in comparison with the total population of the state, and the value of the land and buildings owned and reported by manufacturers as capital, in comparison with the assessed value of all real estate and improvements.

TABLE 1.—COMPARATIVE SUMMARY, 1850 TO 1900, WITH PER CENT OF INCREASE FOR EACH DECADE.

	DATE OF CENSUS.						PER CENT OF INCREASE.				
	1900	1890	1880	1870	1860	1850	1890 to 1900	1880 to 1890	1870 to 1880	1860 to 1870	1850 to 1860
Number of establishments	78,658	65,840	42,789	36,206	22,624	23,558	19.5	54.1	18.0	60.0	13.9
Capital	\$1,651,210,220	\$1,180,161,195	\$514,246,575	\$366,994,320	\$172,895,652	\$99,904,405	46.1	119.8	40.1	112.3	78.1
Salaried officials, clerks, etc., number	74,480	98,018	(3)	(3)	(3)	(3)	124.0				
Salaries	\$82,075,648	\$96,466,083	(3)	(3)	(3)	(3)	14.9				
Wage-earners, average number	849,056	752,066	581,533	351,800	230,112	199,349	12.9	41.5	51.1	52.9	15.4
Total wages	\$408,855,652	\$370,380,559	\$198,634,029	\$142,466,758	\$65,446,759	\$49,131,000	10.4	86.5	39.4	117.7	38.2
Men, 16 years and over	605,686	545,453	364,549	267,378	176,885	147,737	11.0	49.6	36.3	51.2	19.7
Wages	\$338,080,434	\$312,759,301	(3)	(3)	(3)	(3)	8.1				
Women, 16 years and over	230,181	194,850	137,455	63,795	53,227	51,612	18.4	41.4	115.5	19.9	3.1
Wages	\$68,623,708	\$55,706,915	(3)	(3)	(3)	(3)	23.2				
Children, under 16 years	13,189	12,263	29,529	20,627	(3)	(3)	7.6	158.5	43.2		
Wages	\$2,201,510	\$1,914,343	(3)	(3)	(3)	(3)	15.0				
Miscellaneous expenses	\$221,886,271	\$122,042,219	(4)	(4)	(4)	(4)	81.8				
Cost of materials used	\$1,143,791,776	\$871,264,085	\$679,612,545	\$452,065,452	\$214,813,061	\$134,655,674	31.3	28.2	50.3	110.4	59.5
Value of products, including custom work and repairing	\$2,175,726,900	\$1,711,577,671	\$1,080,696,596	\$785,194,651	\$378,870,939	\$237,597,240	27.1	58.4	37.6	107.2	59.5
Total population	5,263,110	5,997,853	5,082,871	4,332,759	3,880,735	3,097,394	21.1	18.0	16.0	12.9	25.3
Wage-earners engaged in manufactures	849,056	752,066	581,533	351,800	230,112	199,349	12.9	41.5	51.1	52.9	15.4
Per cent of total population	11.7	12.5	10.5	8.0	5.9	6.4					
Assessed value of real estate	\$5,093,025,771	\$3,403,751,246	\$2,329,282,359	\$1,532,720,907	\$1,069,658,080	\$564,649,649	49.6	46.1	52.0	43.3	89.4
Value of land and buildings invested in manufactures	\$392,174,641	\$262,403,520	(3)	(3)	(3)	(3)	49.5				
Per cent of assessed value	7.7	7.7									

¹ Decrease.

² Includes proprietors and firm members, with their salaries; number only reported in 1900. (See Table 7.)

³ Not reported separately.

⁴ Not reported.

⁵ Exclusive of 5,781 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

⁶ As given in the Report of the State Board of Tax Commissioners of New York, 1900, page 31.

⁷ Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of New York during the half century. The population during these years increased from 3,097,394 to 7,263,110, while the average number of wage-earners employed in manufacturing establishments increased from 199,349 to 849,056, embracing, in 1900, 11.7 per cent of the entire population, compared with 6.4 per cent in 1850. Probably the best indication of the importance of the wage-earning class is afforded by the greatest number employed at any one time during the year. In 1900 this was 1,091,026, or 15 per cent of the total population of the state. The greatest percentage of increase in the value of products, 107.2, is shown for the decade ending with 1870, and the greatest absolute increase, \$630,881,075, for the decade ending with 1890.

The commonwealth that has for many decades maintained its claim to the title of Empire State, did not hold this leading position among the thirteen colonies. At the First Census, New York ranked fifth in population, but rose to second place in population and manufactures before 1810, owing to the rapid settlement of the central and western portions of the state. With the completion of

the Erie Canal in 1825, a great highway was opened to the West, and New York assumed position as the Empire State in population, wealth, commerce, and industry.

The natural resources which, with its geographical and topographical position, have contributed to make New York a great industrial state are a rich soil, an excellent climate, extensive forests, and mineral deposits. New York's broad and fertile acres are capable of furnishing food for a large population; during part of the Nineteenth century agriculture was in a more flourishing condition in this state than in any other. Horticulture is favored by the mild climate prevailing in the neighborhood of Lakes Ontario and Erie and the smaller lakes in the central part of the state. Where the land is inaccessible to the cultivator and the air too cold for the fruit grower, notably in the Adirondack Mountain region, it yields its wealth in the form of forests, which have supported great lumber and paper-making industries, or in mineral deposits that furnish the materials for still other industries. Coal, the indispensable fuel, is lacking, but iron is found in several counties. The clay beds along the lower Hudson are the center of one of the greatest of brick-making districts; near them are extensive cement quarries. In the produc-

tion of granite, sandstone, slate, marble, and limestone the state ranked fourth in the United States in 1899.¹ Since 1893 New York has ranked first in the production of salt, of which there are rich deposits in the central and western parts of the state.² Gypsum, talc, graphite, petroleum, and natural gas are found in moderate quantities. The topography of the state is such that the natural wealth is readily accessible and easily developed. In the highlands swift water courses, including the Mohawk, Upper Hudson, Black, and Genesee rivers, take their rise and furnish abundant waterpower, while the great difference in level between the Erie and Ontario plains gives to the waters of the Great Lakes an immense power, which, at Niagara Falls, is rapidly being utilized for the generation of electrical energy. The tunnels already built on the American side of the Falls are said to be capable of developing 400,000 horsepower, an amount of energy nearly equal to 80 per cent of the steam power utilized in the factories of the entire state in 1890 and within about 12 per cent of the combined steam and water power in 1880. Of even greater importance than the presence of waterpower has been the existence of the great natural highways of commerce. From New York to Albany, the Hudson River is virtually an arm of the ocean; between Albany and Buffalo, through the Mohawk Valley and the Ontario plain, is the only natural break in the Appalachian Mountain range. The building of the Erie Canal, by which Lake Erie and the Hudson River were connected, brought

to New York much of the commerce of the West, and a system of branch canals, connecting this trunk line with Lake Champlain, Lake Ontario, and several of the central New York lakes, perfected the inland waterways for the interchange of the state's own products. These cheap transportation lines encouraged the specialization of industries. Each community could devote its energies to the development of its own resources and exchange its products with other communities. Along the line of the waterways, centers of trade sprang into existence and developed rapidly. The largest of these cities, New York, at the southern terminus of the route, was naturally most favorably situated for coastwise and foreign trade and possessed fine harbor facilities. It became the commercial and financial center of the continent and gave support to important manufacturing industries. Factories were also built in the other commercial centers along the water highways. It is a noteworthy fact that of the 16 manufacturing centers separately reported in Table 4, all but Binghamton and Elmira are located upon water routes, which have in turn largely determined the location of railway routes.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for governmental establishments, educational, eleemosynary, and penal institutions, and establishments with a product of less than \$500; these were not reported at previous censuses, and therefore are omitted from the other tables and their use confined to Table 2.

¹ United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 335.

² Ibid., pages 540-542.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	COST OF MATERIALS USED.				Value of products, including custom work and repairing.
				Average number.	Total wages.		Total.	Purchased in raw state.	Purchased in partially manufactured form.	Fuel, freight, etc.	
Total	87,396	\$1,674,088,301	97,837	854,284	\$410,768,950	\$222,216,246	\$1,146,034,092	\$261,072,332	\$852,484,167	\$32,477,593	\$2,182,787,337
Hand trades ¹	34,498	86,095,759	40,115	105,340	62,257,695	33,756,717	94,075,257	1,387,881	90,994,107	1,693,319	246,681,237
Governmental establishments	3	18,439,326	2,067	2,067	1,724,711	25,622	1,141,382	600	1,105,157	35,625	4,028,032
Educational, eleemosynary, and penal institutions	46	999,875		252	40,368	8,502	481,162	56,527	368,401	11,234	651,861
Establishments with a product of less than \$500	8,689	3,433,880	9,088	2,859	148,224	285,851	669,772	82,184	587,588		2,880,544
All other establishments	44,160	1,565,114,461	48,639	743,716	346,697,957	188,129,554	1,049,716,519	259,545,190	759,438,914	30,787,415	1,929,045,663

¹ Includes bicycle and tricycle repairing, 1,094; blacksmithing and wheelwrighting, 6,394; boots and shoes, custom work and repairing, 4,941; carpentering, 2,981; clothing, men's, custom work and repairing, 5,089; clothing, women's, dressmaking, 2,913; dyeing and cleaning, 331; furniture, cabinetmaking, repairing, and upholstering, 1,295; lock and gun smithing, 420; masonry, brick and stone, 905; millinery, custom work, 1,721; painting, house, sign, etc., 2,742; paper hanging, 103; plastering and stuccowork, 152; plumbing, and gas and steam fitting, 2,491; sewing machine repairing, 110; taxidermy, 27; typewriter repairing, 11; watch, clock, and jewelry repairing, 1,778.

Of the 87,396 establishments of all classes, shown in this table, 43,187, or 49.4 per cent, were small shops included in the groups of "hand trades" and "establishments with a product of less than \$500." The value of the products of these establishments, consisting principally of the sums received for custom work and repairing,

amounted to \$249,011,781, or only 11.4 per cent of the total value of the products of the state.

In addition to the 87,396 active establishments in the state during the census year, with a capital of \$1,674,088,301, shown in Table 2, there were 264 idle establishments, with a capital of \$10,519,033, divided as follows:

INDUSTRIES.	Number of idle estab- lishments.	Capital.	INDUSTRIES.	Number of idle estab- lishments.	Capital.
Agricultural implements	1	\$60,000	Lumber, planing mill products, including sash, doors, and blinds	7	\$61,397
Brick and tile	9	172,839	Malt	7	521,500
Brooms and brushes	2	14,040	Marble and stone work	5	344,072
Carpentering	5	187,350	Matches	1	120,000
Carriage and wagon materials	2	15,500	Millinery and lace goods	1	17,500
Cheese, butter, and condensed milk, factory product	11	19,620	Models and patterns	1	27,000
Chemicals	1	50,000	Musical instruments, organs and materials	1	20,100
Dye stuffs and extracts	1	27,500	Oil, essential	3	13,205
Flouring and grist mill products	21	175,925	Oil, linseed	2	1,351,818
Foundry and machine shop products	12	253,966	Paper and wood pulp	3	47,500
Fruits and vegetables, canning and preserving	82	119,554	Paving and paving materials	5	37,465
Furniture, factory product	1	26,400	Pottery, terra cotta, and fire-clay products	2	202,700
Glass	4	337,900	Salt	2	1,437,950
Hosiery and knit goods	10	784,050	Silk and silk goods	1	95,000
Iron and steel	8	2,976,532	Stamped ware	1	44,500
Leather, tanned, curried, and finished	7	303,275	Woodenware, not elsewhere specified	2	36,985
Liquors, distilled	5	88,945	Woolen goods	8	166,775
Liquors, malt	2	204,526	All other industries	57	103,667
Lumber and timber products	21	52,027			

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES.

INDUSTRIES.	Year.	Num- ber of estab- lish- ments.	Capital.	WAGE-EARNERS.		Miscella- neous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Total for selected industries for state	1900	24,417	\$1,156,396,994	502,839	\$234,922,692	\$152,077,272	\$759,215,666	\$1,880,975,265
	1890	21,309	760,830,178	445,867	211,497,687	86,352,935	683,692,855	1,082,595,478
Increase, 1890 to 1900		3,108	395,566,816	56,972	23,425,105	65,724,337	175,522,811	298,379,790
Per cent of increase		14.6	52.0	12.8	11.1	75.1	30.1	27.6
Per cent of total of all industries in state	1900	31.0	70.0	59.2	57.5	68.5	66.4	63.5
	1890	32.4	67.3	59.3	57.1	70.8	67.0	63.3
Agricultural implements	1900	87	20,115,962	5,551	2,797,269	833,948	4,824,871	10,537,254
	1890	116	10,924,731	5,620	2,726,538	2,263,680	3,743,157	11,680,842
Boots and shoes, factory product	1900	223	11,983,239	15,796	6,138,653	1,251,902	15,611,886	25,585,631
	1890	257	11,950,891	15,361	6,629,641	812,099	12,383,851	23,661,204
Carriages and wagons	1900	893	14,141,207	6,981	3,899,899	873,942	5,174,682	13,068,385
	1890	1,098	15,363,984	9,776	5,346,529	6,786,570	6,786,570	16,803,241
Cars and general shop construction and repairs by steam railroad companies	1900	82	11,244,747	13,062	6,762,504	203,221	8,879,813	16,194,850
	1890	46	4,213,639	8,585	4,420,441		4,527,381	9,046,025
Cheese, butter, and condensed milk, factory product	1900	1,908	7,084,130	2,439	1,157,081	337,303	22,480,869	26,557,888
	1890	1,308	4,002,026	2,461	640,827	149,946	12,362,992	14,385,966
Chemical products:								
Total	1900	279	46,459,948	8,854	4,638,859	2,980,719	24,554,418	40,663,363
	1890	288	84,813,828	8,720	4,372,019	8,637,132	24,581,078	41,338,134
Chemicals (acids, bases, and salts)	1900	92	22,105,887	4,581	2,802,999	1,142,851	8,669,561	15,994,366
	1890	133	16,075,305	5,266	2,548,278	2,007,320	11,781,828	20,646,278
Dye stuffs and extracts	1900	19	2,548,186	538	800,832	128,447	1,263,843	2,111,811
	1890	15	2,752,195	497	266,288	69,645	1,381,906	2,019,615
Fertilizers	1900	32	4,600,559	1,033	491,898	317,826	1,909,158	3,147,894
	1890	31	3,895,779	690	825,006	217,514	2,138,915	3,498,291
Oil, essential	1900	14	256,885	42	24,295	38,411	412,832	531,000
	1890	7	54,930	28	9,430	31,898	91,980	150,163
Paints	1900	82	11,918,449	2,173	1,175,277	815,946	8,344,938	12,543,825
	1890	70	7,534,668	1,810	937,502	767,808	6,395,947	9,801,124
Varnish	1900	40	5,630,082	537	343,558	537,238	3,954,088	6,334,467
	1890	32	4,500,951	429	285,515	542,947	2,790,502	5,213,663
Clothing:								
Total	1900	4,204	80,633,853	90,017	41,567,834	28,803,493	121,348,345	238,370,447
	1890	3,466	57,534,954	78,874	34,922,893	9,163,467	67,961,838	141,968,351
Clothing, men's, factory product	1900	2,581	51,350,648	41,300	19,579,938	20,396,003	64,500,271	126,478,057
	1890	2,661	46,153,319	54,110	24,100,196	6,987,994	45,898,538	96,880,957
Clothing, women's, factory product	1900	1,678	29,283,205	48,717	21,987,896	8,407,495	56,848,074	106,892,390
	1890	805	11,381,635	24,764	10,822,197	2,225,473	22,063,350	45,087,394
Coffee and spice, roasting and grinding	1900	87	9,405,886	1,541	711,404	1,523,357	18,130,868	22,470,850
	1890	70	4,832,937	1,260	640,981	326,986	28,388,042	31,013,213
Confectionery	1900	858	8,330,656	7,230	2,674,077	1,753,214	10,683,276	18,842,148
	1890	657	5,678,878	5,920	2,184,635	782,798	6,971,074	12,920,312
Electrical apparatus and supplies	1900	134	17,697,352	10,370	5,666,702	893,038	12,538,790	22,695,024
	1890	66	8,976,892	3,890	2,091,860	420,468	4,125,504	8,189,130
Flouring and grist mill products	1900	1,513	23,384,858	2,489	1,284,438	1,014,018	36,523,959	42,796,340
	1890	1,235	21,128,597	3,839	1,599,168	1,410,681	44,890,115	52,550,744
Foundry and machine shop products	1900	1,352	107,926,155	50,173	27,576,739	7,390,514	41,814,790	76,636,517
	1890	1,081	68,086,728	39,133	23,245,545	4,637,952	27,273,952	72,084,500
Fur goods	1900	560	7,299,989	4,454	2,486,071	1,208,935	8,782,323	15,828,936
	1890	281	5,620,290	4,342	2,322,314	452,392	6,897,292	12,434,272

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Furnishing goods, men's.....	1900 1890	270 215	\$16,158,628 5,284,529	21,610 11,671	\$7,299,054 3,349,872	\$1,968,868 1,860,611	\$15,865,729 6,788,652	\$81,000,834 14,379,970
Furniture, factory product.....	1900 1890	354 415	16,438,743 13,417,296	14,481 13,211	6,988,087 7,605,418	1,813,548 1,822,226	9,908,514 9,504,797	23,643,245 23,589,011
Gas, illuminating and heating.....	1900 1890	101 94	171,879,067 77,899,876	5,381 3,970	3,676,712 3,062,641	5,060,906 2,521,614	5,866,549 4,944,042	20,917,726 18,716,688
Gloves and mittens.....	1900 1890	244 212	6,219,227 4,148,502	9,889 6,208	2,715,223 1,998,737	341,567 253,785	6,317,033 8,724,094	10,835,898 7,309,780
Iron and steel.....	1900 1890	30 44	12,183,866 16,982,435	5,418 6,848	3,062,711 3,303,811	503,558 877,541	7,670,155 10,424,852	13,858,553 16,849,537
Ironwork, architectural and ornamental.....	1900 1890	203 155	6,167,289 3,739,291	4,942 4,018	2,936,838 2,591,595	835,632 322,298	6,877,269 4,147,313	12,745,249 8,386,281
Jewelry.....	1900 1890	250 195	5,828,008 3,461,294	3,022 1,994	2,001,816 1,380,241	474,446 245,216	5,427,002 4,489,132	10,244,624 7,885,139
Leather, tanned, curried, and finished.....	1900 1890	147 210	19,062,817 14,553,591	6,530 6,200	2,775,115 2,914,165	558,470 802,564	17,424,800 16,828,321	28,205,991 28,848,078
Liquors: Total.....	1900 1890	279 249	97,610,108 68,219,486	7,730 7,084	5,741,081 5,562,402	27,996,873 16,730,168	11,942,896 13,966,580	58,282,253 54,009,249
Liquors, distilled.....	1900 1890	16 6	894,906 195,798	62 48	26,621 22,073	909,958 261,257	141,626 118,750	1,201,851 422,824
Liquors, malt.....	1900 1890	225 232	95,057,875 67,759,552	7,424 7,001	5,630,996 5,525,189	26,954,024 16,445,206	11,418,383 13,776,129	56,137,854 53,429,685
Liquors, vinous.....	1900 1890	38 11	2,157,322 264,141	244 35	83,464 15,140	132,891 23,705	382,887 71,651	942,548 156,740
Lithographing and engraving.....	1900 1890	111 94	12,288,055 6,675,642	6,835 4,094	3,497,757 2,799,684	1,543,750 462,130	3,790,850 3,012,751	11,062,856 8,333,764
Lumber: Total.....	1900 1890	2,274 2,274	44,814,743 45,509,401	13,365 27,160	8,320,604 11,180,221	1,721,394 2,371,739	27,545,491 28,501,204	45,523,234 50,925,720
Lumber and timber products.....	1900 1890	1,765 1,734	21,873,203 21,490,739	6,850 12,981	2,737,361 3,369,484	523,407 1,028,246	9,038,425 8,865,653	15,766,977 17,160,547
Lumber, planing mill products, including sash, doors, and blinds.....	1900 1890	509 540	22,941,510 24,078,602	11,515 14,179	5,583,243 7,810,737	1,197,987 1,343,493	18,507,066 19,695,551	29,756,257 33,765,173
Millinery and lace goods.....	1900 1890	393 165	7,720,991 3,845,161	11,274 0,038	4,031,573 2,754,089	1,130,237 513,469	11,177,259 4,671,761	21,037,782 10,803,861
Musical instruments: Total.....	1900 1890	193 211	14,313,495 11,091,456	7,244 7,142	4,200,754 5,025,059	1,194,288 685,269	6,868,284 6,180,196	15,509,839 15,713,919
Musical instruments and materials, not specified.....	1900 1890	58 81	1,146,213 277,821	443 309	237,495 163,143	52,116 38,845	305,749 196,802	763,408 588,834
Musical instruments, organs and materials.....	1900 1890	17 23	269,336 549,473	151 821	101,900 220,887	17,858 27,212	119,839 257,201	326,517 670,017
Musical instruments, pianos and materials.....	1900 1890	113 107	12,897,946 10,264,162	6,650 6,512	3,861,359 4,641,029	1,124,314 619,212	6,443,196 5,706,193	14,419,914 14,455,068
Paper and wood pulp.....	1900 1890	179 153	37,849,390 17,124,359	9,268 5,339	4,099,771 2,234,747	2,398,994 1,417,066	14,563,222 3,061,038	26,715,628 14,192,240
Patent medicines and compounds.....	1900 1890	392 227	12,809,437 4,565,588	2,885 1,467	1,182,657 615,669	5,845,921 2,003,686	4,914,438 2,202,079	17,075,987 8,032,938
Petroleum, refining.....	1900 1890	4 9	16,970,492 24,166,205	2,629 3,096	1,306,084 1,626,065	974,321 576,161	23,435,357 20,979,247	27,184,524 25,786,841
Printing and publishing: Total.....	1900 1890	2,640 2,230	80,588,361 47,569,089	32,948 27,587	20,309,991 19,009,061	20,345,581 13,746,517	23,364,449 16,398,183	95,232,051 68,929,001
Book and job.....	1900 1890	1,412 953	24,114,794 17,541,681	16,273 13,175	9,265,500 7,876,656	4,915,318 2,413,066	8,691,912 6,692,034	31,413,113 24,191,080
Music.....	1900 1890	22 14	987,093 311,480	215 134	119,736 69,298	251,297 52,448	160,647 55,949	853,862 344,850
Newspapers and periodicals.....	1900 1890	1,208 1,263	55,486,474 29,716,028	16,460 14,278	10,924,755 11,063,107	15,178,916 11,281,003	14,511,890 9,650,150	62,965,076 44,393,071
Shirts.....	1900 1890	324 377	9,526,124 7,794,695	13,565 17,948	4,699,177 5,193,886	3,313,052 1,243,222	10,721,902 7,349,370	22,232,302 17,483,958
Slaughtering: Total.....	1900 1890	110 181	15,357,075 12,605,460	3,099 8,744	1,846,434 2,434,142	1,274,534 900,083	50,523,186 67,560,780	57,431,293 76,642,151
Slaughtering and meat packing, wholesale.....	1900 1890	53 76	7,309,162 6,740,912	1,530 1,922	777,738 1,123,539	520,203 460,478	16,930,708 29,832,621	19,624,137 34,848,582
Slaughtering, wholesale, not including meat packing.....	1900 1890	57 105	8,047,913 5,864,548	1,569 1,822	1,068,696 1,310,603	754,326 499,605	33,542,478 87,728,159	37,807,103 41,793,569
Soap and candles.....	1900 1890	91 101	7,669,979 4,654,025	2,020 1,711	821,340 812,809	2,020,165 816,599	7,853,624 5,295,768	12,833,645 9,036,932
Sugar and molasses, refining.....	1900 1890	14 14	64,020,999 3,877,973	3,275 610	1,877,320 274,701	2,300,545 246,957	86,148,971 15,272,692	90,680,478 17,157,694

TABLE 3.—COMPARATIVE SUMMARY OF THIRTY-SIX LEADING INDUSTRIES—Continued.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
Textiles:								
Total	1900	537	\$93,722,819	64,901	\$22,672,839	\$6,701,209	\$50,684,295	\$94,263,047
	1890	627	76,364,192	61,097	20,894,583	4,852,224	47,964,507	86,642,771
Carpets and rugs, other than rag	1900	12	12,870,200	8,608	3,308,438	541,841	7,681,097	15,029,218
	1890	15	11,178,842	8,879	3,218,867	399,822	8,689,413	14,606,116
Cotton goods (including cotton small wares)	1900	52	15,060,149	9,259	2,745,848	943,848	5,718,295	10,788,008
	1890	42	13,290,745	8,316	2,448,031	724,405	5,564,261	9,777,295
Dyeing and finishing textiles	1900	42	6,230,657	3,117	1,424,578	210,395	1,402,373	3,625,882
	1890	49	4,963,095	2,725	1,344,250	367,935	1,464,119	3,686,051
Felt goods	1900	11	2,133,050	735	297,853	114,900	987,380	1,734,186
	1890	11	1,371,219	773	301,933	86,273	807,276	1,517,199
Hosiery and knit goods	1900	242	30,203,640	26,470	8,964,097	2,199,029	20,218,200	35,886,048
	1890	201	19,608,331	19,828	5,925,569	1,389,427	13,669,169	24,776,582
Shoddy	1900	9	829,861	167	65,789	18,122	310,788	443,529
	1890	12	482,520	173	60,061	11,640	343,012	471,478
Silk and silk goods	1900	92	9,800,207	7,861	2,861,818	1,601,527	6,570,037	12,706,246
	1890	185	11,165,918	12,719	4,983,063	1,123,671	10,174,818	19,417,796
Wool hats	1900	5	896,852	930	403,213	68,296	789,348	1,378,721
	1890	5	1,444,767	976	323,620	54,233	860,937	1,489,132
Woolen goods	1900	65	7,338,818	4,083	1,399,527	761,841	3,490,864	6,715,005
	1890	91	7,243,380	2,888	946,711	383,245	2,930,932	5,183,020
Worsted goods	1900	7	8,809,390	3,726	1,201,228	241,410	3,406,918	5,958,250
	1890	16	6,615,875	3,870	1,342,978	342,073	3,470,580	5,763,102
Tobacco:								
Total	1900	3,097	22,491,354	27,071	11,502,724	12,687,859	19,115,021	53,660,580
	1890	2,888	26,107,357	30,299	13,731,097	6,969,648	21,042,650	51,853,976
Chewing, smoking, and snuff	1900	42	1,767,687	1,020	345,704	2,032,836	1,734,072	4,632,101
	1890	30	2,671,274	1,531	574,009	1,006,457	1,610,642	4,481,373
Cigars and cigarettes	1900	3,055	20,733,667	26,051	11,157,020	10,665,023	17,380,949	49,028,479
	1890	2,858	23,436,083	28,768	13,157,033	5,963,186	19,432,008	47,422,603

The 36 leading industries of the state in 1900, as shown in Table 3, embraced 24,417 establishments, or 31 per cent of the total number in the state; used a capital of \$1,156,396,994, or 70 per cent of the total; gave employment to 502,839 wage-earners, or 59.2 per cent of the total number; and paid \$234,922,692, or 57.5 per cent of the total wages. The value of their products was \$1,880,975,268, or 63.5 per cent of the total. In the discussion of Table 3, which follows, these industries are ranked with reference to the value of their products.

The following leading industries, numbering 19, have increased at a greater rate than the population: Sugar and molasses, refining; electrical apparatus and supplies; furnishing goods, men's; patent medicines and compounds; millinery and lace goods; paper and wood pulp; cheese, butter, and condensed milk, factory product; cars and general shop construction and repairs by steam railroad companies; clothing, factory product; ironwork, architectural and ornamental; gloves and mittens; confectionery; soap and candles; jewelry; printing and publishing; foundry and machine shop products; lithographing and engraving; shirts; and fur goods.

The following 7 show a much less rate of increase than the population of the state, the order of presentation being from greatest percentage of increase to least: Gas; textiles; boots and shoes, factory product; liquors; petroleum, refining; tobacco; and furniture, factory product.

The following 10 have decreased in value of products since 1890, the order of presentation being from greatest percentage of decrease to least: Coffee and spice, roasting and grinding; slaughtering; carriages and wagons; flour-

ing and grist mill products; iron and steel; lumber; agricultural implements; chemical products; musical instruments; and leather, tanned, curried, and finished. Of the declining industries, the majority are those which use such materials as lumber, hides, wheat, and iron, no longer produced as economically in New York as elsewhere.

The growing industries nearly all fall in the group of highly finished articles and luxuries demanded by an advancing civilization and a high state of the arts and sciences. Many of them pertain peculiarly to a city civilization, as for example, gas, paper and wood pulp, and printing and publishing. In New York the paper and wood pulp industry is almost entirely devoted to the production of news paper, and so large has become the output of the Adirondacks (mainly along the Black River in Jefferson and Lewis counties and the Hudson River in Saratoga and Washington counties) that New York now ranks first of all the states. The news paper product, and cheese, butter, and condensed milk, factory product, are virtually the only ones directly dependent upon the state's natural wealth. All the rest of the progressive industries of New York use materials imported from other states. It is a noteworthy fact that the production of confectionery now exceeds that of iron and steel in New York.

Table 3 shows that the factory manufacture of clothing is the most important industry in the state. The 4,204 establishments reported in 1900 gave employment to 90,017 wage-earners, or 10.6 per cent of the wage-earners in the state, and their products were valued at \$233,370,447, or 10.7 per cent of the total value of the products of the

state. In 1890 there were 3,466 establishments, with 78,874 wage-earners, and products valued at \$141,968,351. The increase in the value of products during the decade was \$91,402,096, or 64.4 per cent.

The factory manufacture of clothing is of comparatively recent development. It began probably in the second quarter of the Nineteenth century and is particularly associated with two events since 1850, namely, the invention of the sewing machine, and the Civil War. Apart from army clothing, probably the only ready-made clothing sold in Europe or in this country in the earlier years of the Nineteenth century was so-called "slop clothing," which was bought for stocking sailors' "slop-chests" prior to setting out upon long voyages. As early as 1830, however, New York merchants began to supply a demand for ready-made clothing in the South and West. Many of them maintained retail stores in southern cities for the sale of clothing made in New York factories,¹ the largest of which are said to have employed 300 to 500 hands each. In 1841 the value of clothing sold at wholesale in New York city was estimated at \$2,500,000.² The trade was greatly stimulated by the requirements of western emigrants, especially after the discovery of gold in California. Two or three years later the invention of the sewing machine put the business upon a substantial basis and enabled it to meet the demand for army clothing during the Civil War. About 1870 cutting machines were introduced; first, a long knife, operating perpendicularly like a saw and cutting through eighteen thicknesses of cloth, later a circular disk operating like a buzz saw and cutting twenty-four thicknesses. But while the ready-made clothing business has now attained so large proportions, it is not a fully organized factory industry. The clothing is not, as a rule, made in large factories under the supervision of the manufacturer, but in small workshops or tenement rooms through the intervention of a contractor. Various causes contribute to this backward state, one of which is the presence in cities of large bodies of unskilled workmen, whose ignorance of the English language prevents them from finding more remunerative employment than that offered by the "sweater." But the principal cause is the great variety of styles and patterns, which necessitates extreme specialization. This can be more readily accomplished by distributing the different designs among contractors than by undertaking to make all patterns under one roof. Garments of a standard design and cloth, such as overalls, are made in large factories outside the great cities. But the manufacturer of overcoats and suits finds it more profitable to locate in a large city, where he can find an abundant supply of labor and contractors who will relieve him of the necessity of investing money in a plant that would lie idle half the year. New York's dominance of the clothing trade is undisputed.

The manufacture of women's cloaks, wrappers, etc., for the wholesale trade apparently began in New York city

in 1849,³ but it developed slowly. It was not mentioned in the New York census of 1855, but according to the Federal Census of 1860, the state contained 22 establishments devoted to the manufacture of women's clothing (cloaks and mantillas), and their annual products were valued at \$685,600. The trade has developed along the lines of the men's ready-made garment trade and has now attained nearly as large dimensions.

The manufacture of foundry and machine shop products ranked second among the industries of the state in 1900, with 1,352 establishments, 50,173 wage-earners, and products valued at \$96,636,517. In 1890 there were 1,081 establishments, 39,133 wage-earners, and products valued at \$72,084,500. The increase in the value of products during the decade was \$24,552,017, or 34.1 per cent.

It is impossible to specify the great variety of machinery included in the foundry and machine shop products of New York state, but steam engines, pumps, locomotives, and other motors are prominent. A New York machinist is credited with having begun the business of making stationary engines in that city;⁴ and New York city engineers, associated with Robert Fulton, founded and developed the manufacture of marine engines after Fulton had been obliged to send to England for an engine to propel his steamboat, the *Clermont*.⁵ The steam engine, pump, boiler, and fire engine branches of the foundry and machine shop industry of New York now give employment to more than 10,000 workmen, while the two locomotive works at Dunkirk and Schenectady employ about 5,000.⁶ Another large branch of the industry is the manufacture of printing presses. The history of this manufacture is largely interwoven with the growth of a firm in New York city, which was among the first (1822) in the United States to undertake the manufacture of iron instead of wooden presses. This firm also produced in 1847 the first rotary press, which carried the type on a revolving cylinder, and for many years the only competition was from another New York house. In recent years, however, Chicago has rivalled New York city in this manufacture.

The manufacture of stoves is another important branch of the foundry and machine shop industry. In the Eighteenth century stove plates were cast at the blast furnaces near the iron mines. But Troy early became the center of the stove trade; and in the Nineteenth century, when stove founding became a separate business, it grew up chiefly at Albany and Troy, where superior molding sand was found. With the settlement of the West, the stove business developed in the western cities, especially at Detroit, but New York state still ranks among the first.

There were 2,640 establishments engaged in 1900 in printing and publishing, the industry third in rank, with 32,948 wage-earners, and products valued at \$95,232,051.

¹ Eighth Census of the United States, Manufactures, Introduction, page lxxxiii.

² History of American Manufactures, by J. L. Bishop, Vol. II, page 536.

³ Ibid., pages 587 and 592.

⁴ Report of the New York State Department of Labor, 1901.

¹ One Hundred Years of American Commerce, Vol. II, page 561.

² Eighth Census of the United States, Manufactures, Introduction, page lxiv.

In 1890 there were 2,230 establishments, 27,587 wage-earners, and products valued at \$68,929,001. The increase in the value of products during the decade was \$26,303,050, or 38.2 per cent.

The art of printing was introduced in Massachusetts and Pennsylvania earlier than in New York; in fact, it was the pioneer of American printing, William Bradford, who was induced by the New York state government, in 1693, to leave Philadelphia and set up a printing press in New York city, where he was allowed 50 pounds annually for printing the "Acts of Assembly and Publick Papers."¹ In 1725 Bradford started the first newspaper in New York, the *Weekly Gazette*. The second New York paper, the *Weekly Journal*, is memorable for the heroic fight made by its editor, Peter Zenger, in defense of the freedom of the press.

Early in the Nineteenth century, New York began to overtake Philadelphia in printing and publishing newspapers. The system of annual fairs and trade sales of books was established at New York in 1802, under the auspices of the American Company of Booksellers.² The publishing house of Harper was founded in 1817 and that of Appleton in 1825.³ Type foundries were established, and in 1838 Bruce, of New York, invented a type-casting machine that greatly cheapened type. Improvements in presses followed one another in rapid succession. The Hoe patent of 1847 for a type-revolving cylinder wrought a revolution in the publishing of daily newspapers, by enabling the publishers to print large editions in a short time. Stereotyping by plaster process had been introduced in book work in 1813, and in 1861 the *Tribune* first used stereotyping (*papier mâché* process) in newspaper work. Subsequent improvements in typography have been the invention of the web perfecting press by Bullock, of Philadelphia (1861), and the linotype, or typesetting machine, by Mergenthaler, of Baltimore (1888), both of which have played a notable role in establishing the daily press in its present position. New York is the center of the periodical press as well as of book publishing.

There were 537 establishments engaged in the manufacture of textiles in 1900, with 64,901 wage-earners, and products valued at \$94,263,047. In 1890 there were 627 establishments, 61,097 wage-earners, and products valued at \$86,642,771. The increase in the value of products during the decade was \$7,620,276, or 8.8 per cent. New York ranked third in 1900 in combined textiles, which was also the position it occupied in 1890. These combined textiles are: Carpets and rugs, other than rag; cotton goods, including cotton small wares; dyeing and finishing textiles; felt goods; hosiery and knit goods; shoddy; silk and silk goods; wool hats; woolen goods; and worsted goods.

There were 242 establishments engaged in the manufacture of hosiery and knit goods in 1900, with 26,470 wage-

earners, and products valued at \$35,886,048. In 1890 there were 201 establishments, 19,828 wage-earners, and products valued at \$24,776,582. The increase in the value of products during the decade was \$11,109,466, or 44.8 per cent.

New York's prominence in the textile manufacture depends mainly upon its knitting industry, which is of New York origin. The state leads all other states, as it did in 1880 and 1890. The value of its products in 1900 exceeded that of Pennsylvania, which was second, by \$13,989,985, or 63.9 per cent. Hosiery, in the early part of the Nineteenth century, was either knit by hand in the household or by a cumbrous machine, invented in England two centuries previously and requiring for its operation the strength of a man. In 1831 an Albany storekeeper, Egbert Egberts, recognized the clumsiness of the knitting frame and thought of the possibility of applying power. He sought out a young mechanic, Timothy Bailey, explained his idea to him, and sent him to Philadelphia to buy a machine. Within six days after the arrival of a disused frame in Albany, Bailey had arranged an apparatus to knit by turning a crank at the side. Egberts & Bailey then undertook to start a knitting mill in a dismantled cotton factory at Cohoes, where waterpower from the Mohawk River had just been secured. For eight or nine years their operations were limited, but by 1843 success appeared certain.⁴ Egberts and Joshua Bailey then erected a brick mill, while Timothy Bailey, the inventor, remained in the old factory. In 1850 there were only 3 knitting mills in New York, and 6 in 1855, but in 1860 the annual production was valued at \$1,944,090.

The power knitting machine was soon introduced in Philadelphia, which remained, as before, the principal hosiery center, while Cohoes and numerous other towns in the Mohawk and Hudson valleys, forming the other great centers of the knitting industry, have specialized in underwear. In recent years Amsterdam and Utica have become rivals of Cohoes.

There were 12 establishments engaged in the manufacture of carpets and rugs, other than rag, in 1900, with 8,603 wage-earners, and products valued at \$15,029,218. In 1890 there were 15 establishments, 8,879 wage-earners, and products valued at \$14,606,116. The increase in the value of products during the decade was \$423,102, or 2.9 per cent.

Next to hosiery and knit goods, carpets and rugs are the largest textile manufacture of New York, and the state ranks second. E. S. Higgins & Co. began to manufacture ingrain carpets in 1841, and have built up large factories. The name of Alexander Smith, who died about six years ago, is prominently identified with this industry. The firm which he established at Yonkers, now known as Alex. Smith & Sons, possesses one of the largest plants for the manufacture of carpets in the United States. This enterprise grew out of the invention, in 1860, by Smith and Halcyon Skinner, of Yonkers, of an

¹Tenth Census of the United States, The Newspaper and Periodical Press, page 8.

²Eighth Census of the United States, Manufactures, Introduction, page cxxxviii.

³One Hundred Years of American Commerce, Vol. I, page 309.

⁴History of Cohoes, by Masten, pages 61, 62, and 77.

Axminster and Moquette power loom, which, with the Bigelow power looms, revolutionized the carpet industry. There is a large carpet factory at Amsterdam, established by Stephen Stanford, for the weaving of tapestry ingrain, by a process patented by Alexander Smith and J. G. McNair.¹

There were 92 establishments engaged in the manufacture of silk and silk goods in 1900, with 7,861 wage-earners, and products valued at \$12,706,246. In 1890 there were 185 establishments, 12,719 wage-earners, and products valued at \$19,417,796. The decrease in the value of products during the decade was \$6,711,550, or 34.6 per cent.

The principal products of the New York silk mills are ribbons and laces. High rents and other reasons have lately caused many New York city manufacturers to move part or all of their plants to the country, usually into New Jersey or Pennsylvania. Elmira is the largest center of the industry after New York city, while Hornellsville, Amsterdam, and several smaller places have one or more factories each.

There were 52 establishments engaged in the manufacture of cotton goods, including cotton small wares, in 1900, with 9,269 wage-earners, and products valued at \$10,788,003. In 1890 there were 42 establishments, 8,316 wage-earners, and products valued at \$9,777,295. The increase in the value of products during the decade was \$1,010,708, or 10.3 per cent.

The manufacture of cotton goods was begun in New York within a few years after it had been started in New England. The first factory is said to have been erected in Washington county by William Mowry, who had learned the business in the original Slater mill at Pawtucket, R. I. The industry in New York has always been localized to a large extent along the Mohawk and Hudson rivers, and Cohoes and Utica are to-day the principal centers.

There were 65 establishments engaged in the manufacture of woollen goods in 1900, with 4,033 wage-earners, and products valued at \$6,715,005. In 1890 there were 91 establishments, 2,838 wage-earners, and products valued at \$5,188,020. The increase in the value of products during the decade was \$1,526,985, or 29.4 per cent.

There were 7 establishments engaged in the manufacture of worsted goods in 1900, with 3,726 wage-earners, and products valued at \$5,958,259. In 1890 there were 16 establishments, 3,870 wage-earners, and products valued at \$5,763,102. The increase in the value of products during the decade was \$195,157, or 3.4 per cent.

There were 42 establishments engaged in the dyeing and finishing of textiles in 1900, with 3,117 wage-earners, and the work done was valued at \$3,625,882. In 1890 there were 49 establishments, 2,725 wage-earners, and the work done was valued at \$3,636,051. The decrease during the decade in the value of the work done was \$10,169, or three-tenths of 1 per cent.

There were 11 establishments engaged in the manufacture of felt goods in 1900, with 735 wage-earners, and products valued at \$1,734,136. In 1890 there were 11 establishments, 773 wage-earners, and products valued at \$1,517,199. The increase in the value of products during the decade was \$216,937, or 14.3 per cent.

There were 5 establishments engaged in the manufacture of wool hats in 1900, with 930 wage-earners, and products valued at \$1,376,721. In 1890 there were 5 establishments, 976 wage-earners, and products valued at \$1,489,132. The decrease in the value of products during the decade was \$112,411, or 7.5 per cent.

There were 9 establishments engaged in the manufacture of shoddy in 1900, with 167 wage-earners, and products valued at \$443,529. In 1890 there were 12 establishments, 173 wage-earners, and products valued at \$471,478. The decrease in the value of products during the decade was \$27,949, or 5.9 per cent.

There were 14 establishments engaged in the refining of sugar and molasses in 1900, with 3,275 wage-earners, and products valued at \$90,680,478. In 1890 there were 14 establishments, 610 wage-earners, and products valued at \$17,157,694. The increase in the value of products during the decade was \$73,522,784, or 428.5 per cent. It is probable that the returns for 1890 did not include all the establishments in this industry and that, therefore, caution should be exercised in making comparisons between the two censuses.

Of the food products derived by manufacturing processes from imported materials the most important is sugar, and this is one of the principal industries of New York. In the Eighteenth century the process of refining sugar and molasses was exceedingly expensive, and in consequence these commodities were generally consumed in the raw state. The first sugar refinery to be established in the country was probably Rhinelanders' in New York. In 1805 the house of Havemeyer was founded, also in New York, with four or five employees. Refined sugar early became the most important single product of the city, and by 1810 the production of the 10 refineries then in operation was 2,474,742 pounds of sugar, valued at \$420,706.² Improvements in machinery were numerous down to 1860, and after the introduction of Soleil's polariscope in the United States in 1870, revolutionary improvements in process were accomplished. The result of this progress was to reduce the time required for refining sugar, and the cost—the former from two weeks to sixteen hours; and the latter, between 1838 and 1876, from 10 to 3 cents per pound. The refineries are necessarily located on the seaboard, as nearly all raw sugar is imported, and what is now Brooklyn borough has been for years the chief center of the industry. In 1900, as in 1890, there were also 2 beet sugar factories in the state.

There were 279 establishments engaged in the manufacture of liquors in 1900, with 7,730 wage-earners, and products valued at \$58,282,253. In 1890 there were 249

¹ One Hundred Years of American Commerce, Vol. II, pages 486 and 487.

² One Hundred Years of American Commerce, Vol. I, page 259.

establishments, 7,084 wage-earners, and products valued at \$54,009,249. The increase in the value of products during the decade was \$4,273,004, or 7.9 per cent.

The Dutch settlement of New Amsterdam had a good-sized brewery, built by the West India Company, as early as 1633, and there was one at the Dutch settlement of Fort Orange, now Albany, before 1637.¹ Both cities have since possessed famous breweries and New York has led all the states in this industry ever since statistics have been gathered. A century ago the product of New York distilleries was relatively large, and even in 1850 New York led all the states. But the corn-growing centers moved westward and the New York distilleries lost ground rapidly.

The wine industry, though still small, is making excellent progress, New York's percentage of growth during the decade having been larger than that of any other state. The state reached second rank in value of products, California alone preceding. In the manufacture of champagne New York led, having produced 118,435, or 67.1 per cent of the 169,055 gallons made in the United States. Its principal centers are the Keuka Lake region in Yates and Steuben counties.

There were 110 establishments engaged in slaughtering and meat packing in 1900, with 3,099 wage-earners, and products valued at \$57,431,293. In 1890 there were 181 establishments, 3,744 wage-earners, and products valued at \$76,642,151. The decrease in the value of products during the decade was \$19,210,858, or 25.1 per cent.

There were 3,097 establishments engaged in the manufacture of tobacco in 1900, with 27,071 wage-earners, and products valued at \$53,660,580. In 1890 there were 2,888 establishments, 30,299 wage-earners, and products valued at \$51,853,976. The increase in the value of products during the decade was \$1,806,604, or 3.5 per cent.

There were 2,274 establishments engaged in the manufacture of lumber in 1900, with 18,365 wage-earners, and products valued at \$45,523,234. In 1890 there were 2,274 establishments, 27,160 wage-earners, and products valued at \$50,925,720. The decrease in the value of products during the decade was \$5,402,486, or 10.6 per cent. New York's lumber and timber industry has some notable features. The state ranks fifth among the states in number of establishments, twelfth in value of products, and eighth in value per thousand feet of rough lumber. The distribution of sawmills is general, but there are a large number in the counties of St. Lawrence, Franklin, and Herkimer in the Adirondack region, Saratoga in the eastern part of the state, and Chautauqua and Cattaraugus in the western part. In the boroughs of Manhattan and Bronx there are 6 sawmills at which mahogany, Spanish cedar, and rosewood are sawed.

There were 1,513 establishments engaged in flour and grist milling in 1900, with 2,489 wage-earners, and products valued at \$42,796,340. In 1890 there were 1,235

establishments, 3,389 wage-earners, and products valued at \$52,550,744. The decrease in the value of products during the decade was \$9,754,404, or 18.6 per cent.

Flour milling had grown out of the stage of a domestic industry before the first settlers came to America. While each family may have woven its own cloth and made therefrom its supply of clothing, it bought its flour and meal of the village miller. It is recorded that in the same year in which Peter Minuit bought the Island of Manhattan, one of his fellow citizens set up a horsemill and it is said this was the first gristmill in America. Windmills and watermills were scattered along the Hudson wherever the Dutch settled. More interesting is the fact that even in the Seventeenth century, New York city was making flour for an export trade. It appears that Governor Andros in 1678 had granted to the city a monopoly of bolting flour for the province and when, in 1794, the General Assembly revoked this privilege, at the instance of the Long Islanders, a disturbance ensued.²

What is more to the purpose, the settlers were clearing the land of its forests and sowing it to wheat. When they reached the fertile Genesee Valley early in the Nineteenth century, the inevitable result was the development of a great milling industry at the natural center, the falls of the Genesee. There Rochester was laid out in 1812 and there were built the numerous mills that made Rochester the "Flour City." With the opening of the Erie Canal in 1825, the city's source of supply was extended; it received grain from Ohio and Canada, and in 1836, from the shores of Lake Michigan, and it sent its flour to Europe. The next twenty years was the palmy period of the milling industry in Rochester, Oswego, and other New York towns. But the West was building its own flour mills and western men were enterprising enough to study the new milling processes in Hungary. Minneapolis adopted and improved upon these methods soon after 1870, and in 1890 Minnesota crowded New York out of first rank in the flouring industry. In the last decade production in this state declined, and at the present time New York has only a few mills of large capacity, principally located in Buffalo, Niagara Falls, and New York city. Most of the 1,513 mills in New York state are scattered in the cities and villages and produce feed and flour for the local farmers. It is therefore custom grinding, as in the days of neighborhood industries.

There were 279 establishments engaged in the manufacture of chemical products in 1900, with 8,854 wage-earners, and products valued at \$40,663,363. In 1890 there were 288 establishments, 8,720 wage-earners, and products valued at \$41,338,134. The decrease in the value of products during the decade was \$674,771, or 1.6 per cent.

There were 270 establishments engaged in the manufacture of men's furnishing goods in 1900, with 21,610 wage-earners, and products valued at \$31,000,834. In 1890 there were 215 establishments, 11,671 wage-earners, and products valued at \$14,379,970. The increase in the value

¹History of American Manufactures, Vol. I, pages 250 and 254.

²History of American Manufactures, Vol. I, pages 119 and 133.

of products during the decade was \$16,620,864, or 115.6 per cent.

Closely allied to the manufacture of men's furnishing goods is the manufacture of shirts. There were 324 establishments engaged in this industry in 1900, with 13,565 wage-earners, and products valued at \$22,782,302. In 1890 there were 377 establishments, 17,948 wage-earners, and products valued at \$17,483,958. The increase in the value of products during the decade was \$5,298,344, or 30.3 per cent.

The principal center of the shirt, as well as of the collar and cuff industry of the United States is at Troy, and it is here that the manufacture originated. In 1827 the Rev. Ebenezer Brown, a retired preacher who had gone into the dry goods business in Troy, recognized a demand for detachable linen collars, and bargained with some women to make, wash, and iron string collars, which he put up in boxes of assorted sizes and sold to dealers as well as customers. But he removed from Troy in 1834, and in the same year the manufacture of linen collars and shirt bosoms ("dickeys") was begun as a separate business by Montague & Granger, who filled orders for Troy and New York.¹ In time the making of shirts for the wholesale trade developed as a distinct industry. It may be true, as William C. Browning, the veteran clothier, affirms, that the first shirt factory in America was founded in 1832 by the clothing merchants, David and Isaac N. Judson, at the corner of Cherry and Market streets, New York city, but for eight years theirs was the only shirt factory in the metropolis. The larger development was in Troy, where garments were cut and distributed to seamstresses for miles around, not only in Rensselaer and the neighboring counties, but even in Massachusetts and Vermont. At the present time, comparatively little work on shirts is done outside of the factories; but collars and cuffs are very generally sent to outside workers to be turned and pressed. The manufacture of linen cuffs began about 1845. In 1851 or 1852 Nathaniel Wheeler, of the Wheeler & Wilson Company, brought a sewing machine to Troy and exhibited it to the manufacturers. Most of them doubted its applicability to their business, but Jefferson Gardiner gave it a trial, which ultimately turned out successfully, and in 1855 O. W. Edison applied steam power to the machines. The industry was now firmly established and in the state census of that year gained recognition as a separate business; all the shirt, collar, and cuff factories reported were in Rensselaer county, Troy being the principal seat. In 1860 paper collars were put on the market and for several years had a large sale. Auxiliary industries have grown up around the shirt and collar industry of Troy and given the city a world-wide reputation, notably for its laundering processes and laundering machinery. Other articles known as men's furnishing goods—neckwear, suspenders, etc.—are made chiefly in New York city, the center of wealth and fashion.

¹ Troy's One Hundred Years, 1789-1889, by Arthur J. Weise, page 174.

There were 4 establishments engaged in the refining of petroleum in 1900, with 2,629 wage-earners, and products valued at \$27,184,524. In 1890 there were 9 establishments, 3,096 wage-earners, and products valued at \$25,786,841. The increase in the value of products during the decade was \$1,397,683, or 5.4 per cent.

There were 179 establishments engaged in the manufacture of paper and wood pulp in 1900, with 9,268 wage-earners, and products valued at \$26,715,628. In 1890 there were 153 establishments, 5,339 wage-earners, and products valued at \$14,192,240. The increase in the value of products during the decade was \$12,523,388, or 88.2 per cent. In 1900 New York led all the states in the aggregate value of its paper products, having taken the lead from Massachusetts during the decade. Of particular products it was first in news paper, wrapping paper, and other paper products, and first also in wood pulp, for which its fine forests furnished the best of materials.

There were 1,908 establishments engaged in the factory manufacture of cheese, butter, and condensed milk in 1900, with 2,439 wage-earners, and products valued at \$26,557,888. In 1890 there were 1,308 establishments, 2,461 wage-earners, and products valued at \$14,385,966. The increase in the value of products during the decade was \$12,171,922, or 84.6 per cent. In the last ten years butter making has to a considerable extent departed from the farmhouse to the creamery or factory, while the manufacture of condensed milk in factories has greatly increased, so that the industry entitled "cheese, butter, and condensed milk," stands well up in the list of leading industries.

There were 223 establishments engaged in the factory manufacture of boots and shoes in 1900, with 15,796 wage-earners, and products valued at \$25,585,631. In 1890 there were 257 establishments, 15,361 wage-earners, and products valued at \$23,661,204. The increase in the value of products during the decade was \$1,924,427, or 8.1 per cent.

There were 354 establishments engaged in the factory manufacture of furniture in 1900, with 14,481 wage-earners, and products valued at \$23,643,245. In 1890 there were 415 establishments, 13,211 wage-earners, and products valued at \$23,539,011. The increase in the value of products during the decade was \$104,234, or four-tenths of 1 per cent.

There were 147 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 6,530 wage-earners, and products valued at \$23,205,991. In 1890 there were 210 establishments, 6,200 wage-earners, and products valued at \$23,348,078. The decrease in the value of products during the decade was \$142,087, or six-tenths of 1 per cent.

There were 184 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 10,370 wage-earners, and products valued at \$22,695,024. In 1890 there were 66 establishments, 3,890 wage-earners, and products valued at \$8,189,180. The increase in the

value of products during the decade was \$14,505,844, or 177.1 per cent.

There were 87 establishments engaged in the roasting and grinding of coffee and spice in 1900, with 1,541 wage-earners, and products valued at \$22,470,856. In 1890 there were 70 establishments, 1,260 wage-earners, and products valued at \$31,013,213. The decrease in the value of products during the decade was \$8,542,357, or 27.5 per cent. The business of roasting coffee and grinding coffee and spices is a leading industry in the borough of Brooklyn. The investment of capital more than doubled in the recent decade, but as the price of coffee was virtually cut in two between 1890 and 1900 the value of the product has diminished. It is closely associated with the wholesale grocery trade, which is centered in New York city.

There were 393 establishments engaged in the manufacture of millinery and lace goods in 1900, with 11,274 wage-earners, and products valued at \$21,037,782. In 1890 there were 165 establishments, 6,038 wage-earners, and products valued at \$10,803,361. The increase in the value of products during the decade was \$10,234,421, or 94.7 per cent.

There were 101 establishments engaged in the manufacture of gas in 1900, with 5,381 wage-earners, and products valued at \$20,917,726. In 1890 there were 94 establishments, 3,970 wage-earners, and products valued at \$18,716,683. The increase in the value of products during the decade was \$2,201,043, or 11.8 per cent.

There were 858 establishments engaged in the manufacture of confectionery in 1900, with 7,230 wage-earners, and products valued at \$18,842,148. In 1890 there were 657 establishments, 5,920 wage-earners, and products valued at \$12,920,812. The increase in the value of products during the decade was \$5,921,336, or 45.8 per cent.

There were 392 establishments engaged in the manufacture of patent medicines and compounds in 1900, with 2,885 wage-earners, and products valued at \$17,075,987. In 1890 there were 227 establishments, 1,467 wage-earners, and products valued at \$8,032,938. The increase in the value of products during the decade was \$9,042,999, or 112.6 per cent.

There were 82 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 13,062 wage-earners, and products valued at \$16,194,850. In 1890 there were 46 establishments, 8,585 wage-earners, and products valued at \$9,046,025. The increase in the value of products during the decade was \$7,148,825, or 79 per cent.

There were 560 establishments engaged in the manufacture of fur goods in 1900, with 4,454 wage-earners, and products valued at \$15,828,996. In 1890 there were 281 establishments, 4,342 wage-earners, and products valued at \$12,434,272. The increase in the value of products during the decade was \$3,394,724, or 27.3 per cent.

There were 198 establishments engaged in the manufacture of musical instruments in 1900, with 7,244 wage-earners, and products valued at \$15,509,839. In 1890 there

were 211 establishments, 7,142 wage-earners, and products valued at \$15,713,919. The decrease in the value of products during the decade was \$204,080, or 1.3 per cent. Pianofortes were made in New York as far back as 1785,¹ when George Ulshoefer, a German musician, exhibited a pianoforte of his own make in the coffee room of the City Tavern. New York city has for years led all cities in the United States in the manufacture of pianos.

There were 30 establishments engaged in the manufacture of iron and steel in 1900, with 5,418 wage-earners, and products valued at \$13,858,553. In 1890 there were 44 establishments, 6,848 wage-earners, and products valued at \$15,849,537. The decrease in the value of products during the decade was \$1,990,984, or 12.6 per cent.

As a colony New York attained less prominence in the iron industry than its neighbors to the east and south. The first iron works recorded by Bishop were the furnace and forge built by Philip Livingston upon the Livingston manor in Columbia county to utilize the ore of the Salisbury mine (of which he was one of the principal owners) just across the Connecticut line.² In 1850 a rich deposit of iron was found in Sterling Mountain in Orange county, near the New Jersey border, and this mine was worked at the present day. A blast furnace was at once erected near by, and, in 1751, a forge for the making of anchors. The first steel made in New York was produced at the Sterling works in 1776, and during the Revolution the iron was used for cannon, bar iron, etc. But its most famous product was the great chain which was forged there and then stretched across the Hudson at West Point to bar the passage of British ships. Other mines were opened and furnaces built in the Highlands, either in Orange county or the neighboring counties of Putnam and Dutchess, but it was not until after the Revolution that the far richer deposits in the Adirondacks were worked. The first iron works in that region were built in Essex county in 1801, and the mining of iron ore in New York became, especially after the construction of the Champlain Canal, a great industry. The ore extracted from the mines of the Adirondacks and Highlands was turned into pig iron by local blast furnaces,³ and then shipped to the manufacturers of merchant bar iron, plates, rails, spikes, and steel. Troy was long the center of New York's iron and steel industry. In that city, in 1865, was established the second Bessemer steel works built in the United States.⁴ And in 1875, upon the consolidation of 2 large establishments, it possessed probably the largest plant in the United States. The beginning of the great iron works and rolling mills in Troy and Albany may perhaps be traced to a nail factory erected in Albany in 1787; at any rate, nails were the principal product of the rolling mill built by Brinckerhoff in 1807, which afterwards became

¹ History of the American Pianoforte, by Daniel Spillane, page 70.

² History of American Manufactures, Vol. I, page 530.

³ Report of Peter Townsend made in 1831 to the Secretary of the Treasury; in Executive Documents, Twenty-second Congress, first session, No. 808. Vol. II, pages 115-121.

⁴ Tenth Census of the United States, Manufactures, folio 862.

the property of the Albany and Rensselaer Iron and Steel Company and finally of the Troy Steel Company. In the production of iron and steel New York held a high place until 1890. But with the decline of iron mining the production of pig iron has also fallen off, while the eastern manufacturers of iron and steel have steadily lost ground since coke became the most economical fuel. In 1860 and 1880 New York ranked third among the states in the production of iron ore, and in 1870 and at the census of 1890 fourth, although in 1890 the value of its product slightly exceeded that of Pennsylvania, which ranked third in production. But since then the competition of Lake Superior ore, produced at low cost, together with litigation among the mining companies of the state, have reduced the New York output to a seventh of what it was ten years ago. At the present time, however, a corporation capitalized at \$40,000,000 is building an iron and steel plant at Buffalo, where bituminous coal and coke may be cheaply transported.

There were 893 establishments engaged in the manufacture of carriages and wagons in 1900, with 6,981 wage-earners, and products valued at \$13,068,385. In 1890 there were 1,098 establishments, 9,776 wage-earners, and products valued at \$16,803,241. The decrease in the value of products during the decade was \$3,734,856, or 22.2 per cent.

There were 91 establishments engaged in the manufacture of soap and candles in 1900, with 2,020 wage-earners, and products valued at \$12,833,645. In 1890 there were 101 establishments, 1,711 wage-earners, and products valued at \$9,036,982. The increase in the value of products during the decade was \$3,796,663, or 42 per cent.

There were 203 establishments engaged in the manufacture of ironwork, architectural and ornamental, in 1900, with 4,942 wage-earners, and products valued at \$12,745,249. In 1890 there were 155 establishments, 4,018 wage-earners, and products valued at \$8,386,281. The increase in the value of products during the decade was \$4,358,968, or 52 per cent.

There were 111 establishments engaged in lithographing and engraving in 1900, with 6,335 wage-earners, and products valued at \$11,062,856. In 1890 there were 94 establishments, 4,094 wage-earners, and products valued at \$8,333,764. The increase in the value of products during the decade was \$2,729,092, or 32.7 per cent. Electrotyping and photoengraving, although not invented in New York, have been most largely used there. New York wood and steel engravers are preeminent, and the finest quality of bank-note engraving is done in New York city. The first distinctive lithographing establishment in New York was started about 1830 as a branch of a Philadelphia house. The business has developed rapidly in recent years and has now become one of New York's leading industries. Buffalo has one of the largest show printing houses in the world.

There were 244 establishments engaged in the manufacture of gloves and mittens in 1900, with 9,889 wage-earners, and products valued at \$10,835,898. In 1890 there were 212 establishments, 6,208 wage-earners, and products valued at \$7,369,730. The increase in the value of products during the decade was \$3,466,168, or 47 per cent. The glove industry is localized in the twin cities of Gloversville and Johnstown, in Fulton county, close to the Adirondacks, whence came formerly the supply of deerskin (buckskin). Kid and lamb skins are now made into glove leather by numerous tanneries in Fulton county.

There were 87 establishments engaged in the manufacture of agricultural implements in 1900, with 5,551 wage-earners, and products valued at \$10,537,254. In 1890 there were 116 establishments, 5,620 wage-earners, and products valued at \$11,680,842. The decrease in the value of products during the decade was \$1,143,588, or 9.8 per cent.

The manufacture of agricultural implements is principally foundry and machine shop work and in the early part of the Nineteenth century was not specialized. New York's share in the development of the industry has always been an honorable one, as befits a great agricultural commonwealth. James Oliver perfected the chilled plow and built up a large business at Syracuse. The Pitts Brothers patented the first successful threshing machines in 1837,¹ and from Buffalo long supplied them to farmers throughout the country. Ketchum was the first to build distinctive mowing machines and they were likewise manufactured in Buffalo, while the famous Walter A. Wood mower, patented in the early fifties, is still made at Hoosick Falls. A great deal of Buffalo's western trade has passed to Ohio and Illinois competitors, but in the state as a whole the amount of capital invested and of wages paid in this industry has increased to the present day. The principal centers are Auburn, Syracuse, Hoosick Falls, Poughkeepsie, and Buffalo.

There were 250 establishments engaged in the manufacture of jewelry in 1900, with 3,022 wage-earners, and products valued at \$10,244,624. In 1890 there were 195 establishments, 1,994 wage-earners, and products valued at \$7,385,139. The increase in the value of products during the decade was \$2,859,485, or 38.7 per cent.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Albany, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Kingston, Newburg, New York (including sub-totals for the boroughs of Brooklyn, Manhattan and Bronx, Queens, and Richmond), Oswego, Poughkeepsie, Rochester, Syracuse, Troy, Utica, and Yonkers as returned at the censuses of 1890 and 1900, with the percentages of increase.

¹ One Hundred Years of American Commerce, Vol. II, pages 333 and 355.

TABLE 4.—COMPARATIVE SUMMARY, ALBANY, AUBURN, BINGHAMTON, BUFFALO, COHOES, ELMIRA, KINGSTON, NEWBURG, NEW YORK, OSWEGO, POUGHKEEPSIE, ROCHESTER, SYRACUSE, TROY, UTICA, AND YONKERS, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
				Average number.	Total wages.			
The State.....	1900	78,658	\$1,651,210,220	849,056	\$408,855,652	\$221,886,271	\$1,143,791,770	\$2,175,726,900
Per cent of increase.....	1890	65,810	1,130,161,195	752,066	370,380,559	122,042,219	871,264,085	1,711,577,671
		19.5	46.1	12.9	10.4	81.8	81.3	27.1
Albany.....	1900	1,566	21,328,764	12,889	6,111,059	2,383,917	11,121,501	24,992,021
Per cent of increase.....	1890	1,305	17,270,705	13,011	6,191,299	1,909,304	11,778,241	25,581,486
		20.0	23.5	14.8	1.3	24.9	5.5	12.1
Auburn.....	1900	316	12,810,363	6,530	2,706,948	644,519	5,630,925	10,591,109
Per cent of increase.....	1890	258	11,123,238	5,721	2,220,669	1,399,705	8,788,971	9,634,785
		22.5	15.2	14.1	21.9	54.0	48.8	9.9
Binghamton.....	1900	594	9,295,859	6,106	2,461,084	1,040,419	6,339,865	12,638,547
Per cent of increase.....	1890	704	9,058,651	9,178	3,507,184	907,357	7,659,007	15,040,152
		115.6	2.6	188.5	129.8	14.7	17.2	16.0
Buffalo.....	1900	3,902	103,939,655	43,422	19,915,817	9,559,215	73,359,466	122,230,061
Per cent of increase.....	1890	3,565	70,707,145	45,911	20,567,769	7,489,363	54,120,611	100,652,208
		9.5	47.0	5.4	3.2	27.6	35.5	22.2
Cohoes.....	1900	316	11,316,482	3,673	3,140,668	653,180	6,120,842	11,636,130
Per cent of increase.....	1890	212	11,275,137	3,641	2,881,923	741,435	5,789,987	10,830,260
		49.1	0.4	0.4	9.0	11.9	6.6	7.4
Elmira.....	1900	362	7,865,531	4,914	1,965,056	486,960	4,961,635	8,558,786
Per cent of increase.....	1890	539	6,895,130	4,332	1,874,565	538,070	4,593,211	8,444,936
		132.8	6.8	13.4	4.8	9.5	8.0	13.2
Kingston.....	1900	344	3,657,551	2,685	1,245,557	327,143	2,560,822	5,280,478
Per cent of increase.....	1890	198	3,251,835	2,238	929,678	323,553	1,730,637	4,000,574
		73.7	12.5	20.0	34.0	1.1	48.0	31.7
Newburg.....	1900	253	5,214,536	3,926	1,665,177	354,456	3,123,590	6,497,088
Per cent of increase.....	1890	287	5,773,354	4,090	1,741,476	472,778	3,521,078	6,964,287
		111.8	9.7	14.2	14.4	125.0	111.3	16.7
New York: Total.....	1900	39,776	921,876,081	462,763	245,021,881	163,170,343	700,109,412	1,371,358,468
Per cent of increase.....	1890	37,163	622,952,074	416,552	236,250,857	78,455,897	538,596,570	1,084,850,236
		7.0	48.0	11.4	3.7	108.0	31.7	26.4
Brooklyn.....	1900	10,713	271,375,901	100,881	51,107,604	25,778,955	213,474,921	342,127,124
Per cent of increase.....	1890	10,623	163,857,201	94,660	51,235,463	15,797,608	151,789,433	270,823,754
		0.8	65.6	6.6	10.2	63.2	40.6	26.3
Manhattan and Bronx.....	1900	27,168	608,661,810	344,054	184,602,095	131,879,774	463,795,294	975,168,202
Per cent of increase.....	1890	25,403	426,115,272	309,144	178,409,209	59,991,710	366,422,722	777,222,721
		6.9	42.8	11.3	3.5	119.8	26.6	25.5
Queens.....	1900	1,292	80,271,787	11,836	6,158,656	3,782,132	24,262,945	38,093,141
Per cent of increase.....	1890	575	19,899,700	7,393	4,188,864	1,318,014	14,591,019	24,472,900
		121.7	52.1	60.1	47.0	188.0	60.8	55.7
Richmond.....	1900	603	11,567,183	5,992	8,153,526	1,729,482	7,576,252	15,970,001
Per cent of increase.....	1890	562	13,076,898	4,355	2,417,321	1,353,565	5,793,396	12,330,861
		7.3	111.5	37.6	30.5	27.8	30.8	29.5
Oswego.....	1900	207	7,322,907	3,845	1,543,905	687,109	4,611,975	8,137,950
Per cent of increase.....	1890	249	6,254,200	2,967	1,102,352	684,969	4,604,096	7,432,378
		116.9	17.1	29.6	40.1	12.6	0.2	8.8
Poughkeepsie.....	1900	377	5,688,058	3,432	1,583,268	411,495	3,475,100	6,826,769
Per cent of increase.....	1890	303	4,850,650	3,323	1,495,796	311,022	3,200,693	6,254,132
		24.4	17.3	3.1	5.8	32.8	8.6	9.2
Rochester.....	1900	2,616	49,086,212	33,408	18,832,122	9,143,154	32,082,063	69,129,820
Per cent of increase.....	1890	1,892	46,301,058	28,962	13,144,957	5,613,852	38,820,398	65,091,156
		38.3	6.0	15.4	5.2	62.9	13.7	6.2
Syracuse.....	1900	1,383	31,358,055	14,917	6,735,177	3,428,671	14,771,128	31,948,055
Per cent of increase.....	1890	1,246	22,853,424	15,570	6,733,010	2,689,781	14,104,504	29,297,241
		11.0	37.2	14.2	(2)	27.5	4.7	9.0
Troy.....	1900	662	23,581,622	21,564	8,571,923	2,350,664	11,291,740	28,209,259
Per cent of increase.....	1890	840	24,080,753	23,901	8,291,580	2,837,802	13,150,156	29,248,750
		121.2	2.1	9.8	3.4	17.2	14.1	13.6
Utica.....	1900	733	19,289,502	10,759	4,148,415	2,183,972	9,405,870	19,550,850
Per cent of increase.....	1890	565	14,332,510	11,627	3,418,614	992,294	7,790,766	15,615,715
		29.7	34.6	7.5	21.3	115.1	20.7	25.2
Yonkers.....	1900	387	13,097,205	8,615	3,888,892	1,059,522	10,555,218	19,580,324
Per cent of increase.....	1890	628	10,989,739	10,443	5,073,977	819,340	10,995,699	21,319,017
		185.4	19.2	17.5	28.4	29.3	14.0	18.2
Total for 16 cities.....	1900	53,794	1,246,178,386	647,948	324,536,949	197,814,749	908,519,852	1,757,185,715
Per cent of increase.....	1890	49,954	887,949,708	605,478	315,425,706	106,186,517	718,684,555	1,440,072,318
		7.7	40.3	7.0	2.9	28.4	28.4	22.0
Per cent of 16 cities to total for state.....	1900	68.4	75.5	76.3	79.4	80.2	79.4	80.8
	1890	75.9	78.6	80.5	85.2	87.0	82.5	84.1

¹ Decrease.

² Less than one-tenth of 1 per cent.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 16 cities. The number of establishments increased from 49,954 to 53,794, or 7.7 per cent; the average number of wage-earners, from 605,478 to 647,948, or 7 per cent; and the value of products from \$1,440,072,813 to \$1,757,165,715, or 22 per cent. The percentage of increase in all these particulars was smaller in these 16 cities than in the state as a whole. The proportionate production of the 16 cities in the state's total has declined since 1890. This is due to the development of industrial cities and villages not included in Table 4, but included in Table 5, notably Niagara Falls, which doubled its population from 1890 to 1900; Schenectady, the seat of the General Electric Company's large plant, and also of a branch of the American Locomotive Company; Jamestown, a center for worsted goods and furniture; and Lestershire, a suburb of Binghamton. The city of Kingston shows the most rapid growth, the value of products having increased from \$4,009,574 to \$5,280,478, or 31.7 per cent. In New York, the leading city, the number of establishments increased from 37,163 to 39,776, or 7 per cent; the average number of wage-earners from 415,552 to 462,763, or 11.4 per cent; and the value of products from \$1,084,850,236 to \$1,871,358,468, or 26.4 per cent. The number of establishments, number of wage-earners, and value of products in this city in 1900, constituted 50.6, 54.5, and 63 per cent, respectively, of the totals for the state.

The leading manufacturing industries of New York city in the order of their importance were: Clothing, men's, factory product; clothing, women's, factory product; sugar and molasses, refining; printing and publishing, newspapers and periodicals; foundry and machine shop products; liquors, malt; tobacco, cigars and cigarettes; slaughtering, wholesale, not including meat packing; printing and publishing, book and job; petroleum, refining.

In Buffalo, the city second in rank, the leading manufacturing industries were: Slaughtering and meat packing, wholesale; copper, smelting and refining; foundry and machine shop products; oil, linseed; cars and general shop construction and repairs by steam railroad companies; liquors, malt; soap and candles; flouring and grist mill products; lumber, planing mill products; clothing, men's, factory product; iron and steel.

In Rochester, the city third in rank, the leading manufacturing industries were: Clothing, men's, factory product; boots and shoes, factory product; foundry and machine shop products; tobacco, cigars and cigarettes; flouring and grist mill products; liquors, malt; photographic apparatus and materials; optical goods.

In Syracuse, the city fourth in rank, the leading manufacturing industries were: Clothing, men's, factory product; foundry and machine shop products; iron and steel; liquors, malt; iron and steel, pipe, wrought; typewriter supplies; boots and shoes, factory product; agricultural implements; flouring and grist mill products; furniture, factory product.

In Troy, the city fifth in rank, the leading manufacturing industries were: Furnishing goods, men's; shirts; iron and steel; foundry and machine shop products; liquors, malt; hosiery and knit goods; paper and wood pulp; printing and publishing, newspapers and periodicals; flouring and grist mill products.

In Albany, the city sixth in rank, the leading manufacturing industries were: Cars and general shop construction and repairs by street railroad companies; liquors, malt; printing and publishing, book and job; chemicals; tobacco, cigars and cigarettes; paper goods, not elsewhere specified; gas machines and meters; slaughtering and meat packing, wholesale.

In Yonkers, the city seventh in rank, the leading manufacturing industries were: Carpets and rugs, other than rag; fur hats; sugar and molasses, refining; foundry and machine shop products; patent medicines and compounds; electrical apparatus and supplies; photographic materials.

In Utica, the city eighth in rank, the leading manufacturing industries were: Cotton goods; clothing, men's, factory product; hosiery and knit goods; steam fittings and heating apparatus; foundry and machine shop products; liquors, malt; lumber, planing mill products.

In Binghamton, the city ninth in rank, the leading manufacturing industries were: Tobacco, cigars and cigarettes; flouring and grist mill products; clothing, men's, factory product; patent medicines and compounds; lumber, planing mill products; furniture, factory product.

In Cohoes, the city tenth in rank, the leading manufacturing industries were: Hosiery and knit goods; cotton goods; iron and steel, pipe, wrought; shirts; iron and steel; house furnishing goods, not elsewhere specified.

In Auburn, which ranks eleventh in Table 4, but which is the city twelfth in rank in the state, the leading manufacturing industries were: Agricultural implements; boots and shoes, factory product; foundry and machine shop products; cordage and twine; woolen goods.

In Elmira, which ranks twelfth in Table 4, but which is the city sixteenth in rank in the state, the leading manufacturing industries were: Lumber, planing mill products; bridges; cars and general shop construction and repairs by steam railroad companies; hosiery and knit goods; tobacco, stemming and rehandling; iron and steel.

In Oswego, which ranks thirteenth in Table 4, but which is the city eighteenth in rank in the state, the leading manufacturing industries were: Boxes, wooden packing; matches; hosiery and knit goods; starch; malt; cars and general shop construction and repairs by steam railroad companies.

In Poughkeepsie, which ranks fourteenth in Table 4, but which is the city twentieth in rank in the state, the leading manufacturing industries were: Iron and steel; clothing, men's, factory product; agricultural implements; foundry and machine shop products; glass; patent medicines and compounds.

In Newburg, which ranks fifteenth in Table 4, but which is the city twenty-second in rank in the state, the leading

manufacturing industries were: Clothing, men's, factory product; foundry and machine shop products; fur hats; shipbuilding, iron and steel; lime and cement; silk and silk goods.

In Kingston, which ranks sixteenth in Table 4, but which is the city twenty-eighth in rank in the state, the leading manufacturing industries were: Cars, street railroad, not including operations of railroad companies;

lumber, planing mill products; lime and cement; shirts.

Table 5 presents the totals for the manufacturing industries of the 106 cities and villages withdrawn from the enumerators, places them in comparison with the totals for the entire state and the state exclusive of these cities and villages, and shows their rank in population and in value of products.

TABLE 5.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Total for state.....	78,658	\$1,051,210,220	88,754	849,056	\$108,855,652	\$221,886,271	\$1,143,791,776	\$2,175,726,900	-----	100.0	17,263,110	-----	100.0
Total for urban manufactures.....	62,567	1,448,918,767	71,124	761,580	372,395,505	211,104,014	1,027,414,814	1,975,039,088	-----	90.8	5,214,768	-----	71.8
Albany.....	1,566	21,328,764	1,703	12,389	6,111,059	2,383,917	11,121,501	24,992,021	6	1.2	94,151	5	1.3
Albion.....	58	352,261	68	235	87,245	14,802	208,695	405,774	100	(2)	4,477	69	0.1
Amsterdam.....	213	10,119,879	257	6,769	2,680,359	584,019	6,424,315	11,502,816	11	0.5	20,920	20	0.3
Athens.....	16	236,610	20	256	101,207	3,845	178,777	854,540	101	(2)	2,171	100	(2)
Auburn.....	816	12,810,363	355	6,530	2,706,948	644,549	5,680,925	10,591,109	12	0.5	30,345	12	0.4
Baldwinsville.....	55	821,470	54	349	163,976	69,891	628,762	1,085,262	74	0.1	2,992	91	(2)
Ballston Spa.....	62	3,415,471	65	992	439,183	87,250	2,107,100	3,075,836	37	0.1	3,923	78	0.1
Barclay.....	126	3,532,968	133	1,773	753,494	219,002	1,425,436	2,998,297	39	0.1	9,180	43	0.1
Binghamton.....	594	9,295,859	608	6,106	2,461,084	1,040,419	6,389,365	12,638,547	9	0.6	39,647	9	0.6
Brockport.....	39	528,469	48	400	134,792	75,433	480,284	816,208	84	(2)	3,398	85	(2)
Buffalo.....	3,902	103,939,655	4,280	43,422	19,915,817	9,559,245	73,850,466	122,230,061	2	5.6	352,387	2	4.9
Canandaigua.....	86	1,338,169	97	579	254,701	267,964	789,719	1,514,576	64	0.1	6,151	54	0.1
Cannata.....	52	768,521	56	468	194,262	97,779	463,604	890,365	82	(2)	3,080	90	(2)
Catskill.....	75	1,579,609	88	908	376,644	74,116	495,860	1,196,543	72	0.1	5,484	60	0.1
Clyde.....	46	533,305	52	222	97,658	22,441	352,998	557,169	93	(2)	2,507	94	(2)
Cohoes.....	316	11,316,482	327	8,673	3,140,668	653,130	6,120,342	11,636,130	10	0.5	23,910	16	0.8
Corinth.....	23	71,930	28	67	22,411	3,225	40,047	81,722	105	(2)	2,039	101	(2)
Corning.....	138	2,212,109	164	1,965	870,770	109,733	1,429,473	3,061,722	38	0.1	11,061	35	0.2
Cortland.....	113	2,857,094	130	1,829	715,749	128,044	1,973,877	3,456,262	34	0.2	9,014	45	0.1
Coxsackie.....	36	499,385	40	353	170,684	40,128	233,367	559,854	92	(2)	2,735	93	(2)
Dansville.....	78	446,469	92	253	87,944	38,204	246,940	490,007	96	(2)	3,633	81	0.1
Dunkirk.....	86	4,226,465	89	2,615	1,374,017	824,324	3,084,197	5,393,053	27	0.3	11,616	34	0.2
Ellenville.....	59	853,768	77	243	88,388	27,767	211,167	413,078	99	(2)	2,879	92	(2)
Elmira.....	362	7,865,534	392	4,914	1,905,056	486,960	4,961,635	8,558,796	16	0.4	35,672	10	0.5
Fairport.....	33	362,871	31	212	76,064	14,599	205,328	434,638	98	(2)	2,489	95	(2)
Fishkill Landing.....	38	721,829	41	436	215,324	40,570	361,909	681,038	86	(2)	3,678	80	0.1
Fort Plain.....	44	457,257	42	321	105,825	19,889	203,494	497,154	95	(2)	2,444	96	(2)
Fredonia.....	41	514,975	50	210	88,363	31,789	217,440	462,455	97	(2)	4,127	77	0.1
Fulton.....	68	1,010,181	74	730	301,017	118,084	905,316	1,607,954	61	0.1	5,281	61	0.1
Geneva.....	161	2,617,661	169	1,586	639,101	235,472	1,913,634	3,366,806	35	0.2	10,433	36	0.1
Glens Falls.....	162	4,474,907	203	3,230	1,033,416	290,980	2,230,403	4,571,253	29	0.2	12,613	30	0.2
Gloversville.....	312	5,740,327	403	8,111	2,536,853	271,152	5,518,391	9,647,107	14	0.4	18,349	22	0.3
Green Island.....	46	2,472,997	50	93	470,980	105,668	1,029,273	1,932,098	65	0.1	4,770	64	0.1
Hadley.....	6	101,297	7	72	21,578	1,527	32,018	75,822	106	(2)	914	104	(2)
Haverstraw.....	110	1,806,235	131	1,174	510,864	177,827	405,601	1,806,158	66	0.1	5,985	55	0.1
Herkimer.....	73	1,836,979	79	1,344	515,027	159,725	940,818	2,058,605	52	0.1	5,555	59	0.1
Home.....	36	495,611	42	289	108,274	16,750	275,992	622,890	88	(2)	2,381	99	(2)
Hoosick Falls.....	57	3,070,848	58	1,405	669,893	200,366	1,031,421	2,784,861	44	0.1	5,071	58	0.1
Hornellsville.....	154	1,952,072	187	1,757	680,974	174,055	4,515,287	2,873,670	43	0.1	11,918	33	0.2
Hudson.....	144	2,857,304	158	1,403	591,430	365,163	1,495,636	3,096,769	36	0.1	9,528	40	0.1
Iion.....	47	2,172,209	57	1,946	1,185,975	230,485	564,422	2,944,655	42	0.1	5,138	62	0.1
Ithaca.....	194	2,998,057	231	1,286	631,984	149,945	1,114,845	2,535,151	46	0.1	13,136	28	0.2
Jamestown.....	178	8,552,470	214	4,685	1,800,192	583,097	4,096,302	8,218,922	17	0.4	22,802	17	0.3
Johnstown.....	214	3,695,819	293	3,884	1,248,587	300,845	3,180,043	5,480,072	26	0.3	10,130	39	0.1
Kingston.....	344	3,657,551	368	2,685	1,245,557	327,143	2,560,822	5,280,478	28	0.2	24,535	14	0.3
Lansingburg.....	127	2,957,650	155	2,940	1,128,803	340,563	1,598,204	3,778,277	33	0.2	12,595	31	0.2
Leroy.....	62	1,955,988	69	430	158,232	262,162	497,716	1,137,210	73	0.1	3,144	87	(2)
Lestershire.....	40	1,577,397	39	1,891	712,333	115,039	2,941,777	3,964,112	31	0.2	3,111	88	(2)
Little Falls.....	124	4,020,573	147	3,112	1,125,777	298,162	2,361,593	4,364,994	30	0.2	10,381	37	0.1
Lockport.....	243	6,250,709	284	2,699	1,217,672	398,660	3,327,109	5,837,905	25	0.3	16,581	23	0.2
Lyons.....	80	713,840	93	288	119,395	45,061	546,890	881,939	83	(2)	4,800	73	0.1
Malone.....	116	593,853	136	503	201,864	32,610	581,029	985,797	77	0.1	5,035	55	0.1
Matineawan.....	43	1,119,745	42	785	322,633	77,365	613,749	1,224,025	71	0.1	5,807	56	0.1
Mechanicville.....	66	2,562,410	80	1,150	505,732	261,641	1,014,400	2,186,005	49	0.1	4,695	66	0.1
Medina.....	54	786,744	63	568	217,835	31,675	510,854	1,032,632	75	0.1	4,716	65	0.1
Middletown.....	108	2,060,834	125	1,553	650,123	97,252	1,443,489	2,426,001	47	0.1	14,522	26	0.2
Mt. Morris.....	51	341,799	58	247	79,412	25,711	313,038	510,129	94	(2)	2,410	98	(2)
Newark.....	77	656,832	98	361	123,593	51,418	517,257	900,974	81	(2)	4,578	68	0.1
Newburg.....	253	5,214,536	266	3,926	1,606,177	354,456	3,123,590	6,497,088	22	0.3	24,943	13	0.3
New Rochelle.....	131	3,837,269	140	715	457,658	118,898	838,829	1,811,332	56	0.1	14,720	25	0.2
New York.....	89,776	921,876,081	45,922	462,763	245,021,881	163,170,343	709,109,412	1,371,358,468	1	63.0	3,437,202	1	47.3
Niagara Falls.....	265	14,821,819	255	3,516	1,690,195	892,125	5,511,437	9,909,228	13	0.5	19,457	21	0.3
North Tonawanda.....	76	5,026,841	73	1,718	786,639	282,107	4,321,875	6,445,896	23	0.3	9,069	44	0.1
Norwich.....	109	1,308,683	117	799	330,166	116,134	801,821	1,556,696	63	0.1	5,766	57	0.1
Nyack.....	88	796,587	92	719	364,583	85,293	661,966	1,321,237	68	0.1	4,275	74	0.1
Ogdensburg.....	197	1,856,116	207	1,052	404,955	103,098	1,661,759	2,668,952	45	0.1	12,638	29	0.2
Olean.....	152	5,915,740	167	2,011	935,932	274,447	5,009,818	6,624,890	21	0.3	9,462	41	0.1
Oneida.....	104	1,301,431	121	790	386,266	149,576	842,851	1,613,572	60	0.1	6,864	53	0.1
Ontonaga.....	111	1,892,250	128	887	397,815	113,861	1,308,549	2,118,452	50	0.1	7,147	51	0.1
Ossining.....	137	1,857,818	156	892	445,238	166,229	884,942	2,068,458	51	0.1	7,939	47	0.1
Oswego.....	207	7,322,907	215	3,845	1,543,905	667,109	4,611,975	8,127,950	18	0.4	22,199	18	0.3
Packskill.....	82	1,023,961	94	402	188,524	38,602	780,769	1,261,161	69	0.1	5,039	63	0.1
Penn Yan.....	153	1,712,335	171	1,524	751,838	121,718	1,024,282	2,889,370	48	0.1	10,358	38	0.1
Pittsford.....	84	822,142	103	382	129,889	49,975	542,395	815,542	80	(2)	4,650	67	0.1
Pittsford.....	131	2,210,045	139	852	306,284	102,839	716,467	1,455,150	65	0.1	8,434	46	0.1

¹ Exclusive of 5,784 Indians and other persons on Indian reservations, which classes were not included at previous censuses.

² Less than one-tenth of 1 per cent.

³ Given as Fishkill-on-Hudson in 1890.

⁴ Given as Sing Sing in 1890.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS.		Miscellaneous expenses.	Cost of materials used.	PRODUCTS.			POPULATION.		
				Average number.	Total wages.			Value.	Rank.	Per cent of total.	Total.	Rank.	Per cent of total.
Port Chester	79	\$3,024,814	81	1,569	\$846,202	\$64,231	\$2,700,829	\$3,840,732	32	0.2	7,440	49	0.1
Port Jervis	83	654,472	87	977	392,054	57,033	602,107	1,237,286	70	0.1	9,385	42	0.1
Poughkeepsie	377	5,688,058	426	3,432	1,583,268	411,495	3,475,100	6,826,769	20	0.8	24,029	15	0.3
Rensselaer ¹	53	711,031	59	502	252,227	47,564	447,655	920,973	79	(²)	7,466	48	0.1
Rochester	2,616	49,086,212	2,832	33,408	13,832,122	9,148,154	32,082,063	69,129,820	3	3.2	162,608	8	2.2
Rome	196	3,738,051	204	2,653	1,014,352	299,978	3,722,764	6,093,544	24	0.3	15,343	24	0.2
Salamanca	62	1,867,289	65	419	188,656	55,301	1,302,662	1,764,476	58	0.1	4,251	76	0.1
Sandy Hill	50	3,999,674	54	989	437,904	218,207	1,663,816	2,974,025	40	0.1	4,473	70	0.1
Saratoga Springs	170	1,863,526	176	930	369,876	143,770	980,895	2,006,259	53	0.1	12,409	32	0.2
Saugerties	117	1,202,299	146	580	264,614	73,090	717,539	1,352,114	67	0.1	3,697	79	0.1
Schenectady	388	6,517,864	412	4,431	2,527,352	635,955	4,953,662	9,288,387	15	0.4	31,682	11	0.4
Seneca Falls	65	2,422,256	62	1,365	611,030	136,941	840,702	1,992,115	54	0.1	6,510	52	0.1
Silver Creek	27	626,396	27	298	146,716	53,930	217,842	568,662	91	(²)	1,944	103	(²)
Solvay	8	214,116	7	99	59,153	39,147	112,215	237,514	104	(²)	3,493	84	0.1
South Glens Falls	7	316,085	9	144	63,402	10,216	169,537	267,077	103	(²)	2,025	102	(²)
Syracuse	1,383	31,358,055	1,514	14,917	6,735,177	3,428,671	14,771,128	31,948,055	4	1.5	108,374	4	1.5
Thurysville	77	467,707	81	375	207,453	35,930	327,008	719,020	85	(²)	4,770	64	0.1
Tonawanda	60	1,540,789	60	398	158,851	40,382	1,227,349	1,676,280	59	0.1	7,421	50	0.1
Troy	662	23,631,622	785	21,564	8,571,923	2,350,664	11,291,740	28,209,259	5	1.3	360,651	6	0.8
Utica	783	19,289,502	842	10,759	4,148,415	2,133,972	9,405,370	19,550,850	8	0.9	56,383	7	0.8
Wappingers Falls	31	1,947,881	33	944	448,815	23,858	450,628	972,838	78	(²)	3,504	83	(²)
Warsaw	48	3,285,826	44	829	131,611	61,757	296,820	631,627	89	(²)	3,048	89	(²)
Watertown	58	2,593,021	68	1,921	773,786	132,450	1,544,719	2,966,060	41	0.1	3,146	86	(²)
Waterloo	36	1,644,687	39	736	305,648	141,272	907,222	1,580,395	62	0.1	4,256	75	0.1
Watertown	289	8,281,846	302	3,760	1,821,477	453,916	4,152,344	7,881,977	19	0.4	21,696	19	0.3
Watervliet ⁴	135	1,826,691	136	1,167	460,352	154,118	849,934	1,809,241	57	0.1	14,321	27	0.2
Waverly	90	477,721	98	295	112,332	40,780	359,246	656,784	87	(²)	4,465	71	0.1
Wellsville	64	1,844,438	85	351	181,835	36,285	668,283	1,017,515	76	0.1	3,556	82	(²)
Westfield	39	364,409	37	114	46,556	29,294	136,444	326,918	102	(²)	2,430	97	(²)
Whitehall	47	648,228	53	403	125,816	37,346	320,424	690,971	90	(²)	4,377	72	0.1
Yonkers	387	13,097,205	404	8,615	3,988,692	1,059,522	10,555,218	19,680,324	7	0.9	47,931	8	0.7
Total for state exclusive of urban manufactures	16,091	202,201,453	17,630	87,476	36,460,147	10,782,257	116,376,962	200,687,812		9.2	2,018,342		28.2
Per cent of urban manufactures to total for state	79.6	87.7	80.1	89.7	91.1	95.1	89.8	90.8			71.8		

¹ Given as Greenbush in 1890.² Less than one-tenth of 1 per cent.³ By the act of February 6, 1900, parts of the towns of Brunswick, Lansingburg, and North Greenbush were annexed to the city of Troy, but this act did not become effective until January 1, 1901. Including this annexed territory, the population of Troy in June, 1900, was 75,057.⁴ Given as West Troy in 1890.

Of the 78,658 establishments in the state, 62,567, or 79.6 per cent, were located in these 106 cities and villages. They furnished employment to 761,580 wage-earners, or 89.7 per cent of the total number, and the value of their products, \$1,975,039,088, formed 90.8 per cent of the total for the state.

Table 6 shows the totals for the state by counties.

Table 7 shows the totals for the state by specified industries.

Table 8 shows the totals for the cities of Albany, Am-

sterdam, Auburn, Binghamton, Buffalo, Cohoes, Elmira, Jamestown, Kingston, Newburg, Greater New York (also the boroughs of Brooklyn, and Manhattan and Bronx), Oswego, Poughkeepsie, Rochester, Schenectady, Syracuse, Troy, Utica, Watertown, and Yonkers, by specified industries.

Table 9 shows the totals for the cities and villages withdrawn from the enumerators, exclusive of those shown in Table 8.

TABLE 6.—MANUFACTURES

COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
The State.....	78,658	\$1,651,210,220	\$175,204,215	\$216,970,426	\$385,789,387	\$873,246,192	88,754	74,480	\$82,075,648	849,056	\$408,855,652
Albany.....	2,251	39,183,293	3,211,757	7,286,825	9,591,313	19,093,398	2,427	1,350	1,523,001	24,528	10,767,892
Allegany.....	447	3,122,637	275,004	500,355	806,986	1,540,292	522	106	94,011	1,184	454,836
Broome.....	868	12,550,516	861,441	1,520,714	3,488,614	6,079,747	948	620	558,274	8,518	3,392,605
Cattaraugus.....	691	13,787,844	903,939	1,571,572	2,752,125	8,500,208	750	299	243,595	4,648	2,003,522
Cayuga.....	615	13,965,545	684,705	1,899,610	1,985,538	9,385,697	704	374	348,996	6,940	2,861,402
Chautauqua.....	781	16,740,821	1,226,465	2,311,871	3,747,018	9,455,407	904	711	765,661	3,920	3,934,987
Chemung.....	466	8,922,688	608,501	1,213,733	2,240,799	4,850,655	497	370	337,064	5,630	2,251,886
Chemung.....	460	2,491,161	137,140	437,715	699,876	1,216,430	486	124	103,446	1,501	607,171
Clinton.....	339	4,664,229	707,751	950,071	1,109,961	1,896,446	571	127	145,815	2,143	763,309
Columbia.....	392	7,592,208	770,839	1,228,152	1,826,629	3,766,588	415	280	222,867	4,211	1,630,564
Cortland.....	301	4,373,458	299,594	720,512	960,419	2,392,933	340	176	171,653	2,892	989,179
Delaware.....	418	3,026,809	409,464	568,270	947,031	1,102,044	445	105	105,189	1,310	537,023
Dutchess.....	769	11,470,318	727,942	1,951,318	2,829,504	5,961,374	848	351	480,913	6,987	3,214,243
Erie.....	4,492	116,397,404	12,655,725	18,042,579	34,368,404	51,330,636	4,920	4,455	3,961,407	48,331	22,167,406
Essex.....	190	5,090,566	1,076,533	890,331	1,365,407	1,758,232	191	101	118,009	1,525	622,490
Franklin.....	361	5,762,802	3,200,524	409,693	594,607	1,567,978	405	84	55,462	1,519	607,412
Fulton.....	655	10,601,175	517,770	924,895	1,512,968	7,615,742	856	409	384,928	13,029	4,104,439
Genesee.....	321	6,047,584	470,035	1,107,571	1,026,741	3,443,237	342	369	288,535	2,453	1,001,642
Greene.....	321	2,788,161	348,123	685,191	811,651	913,196	360	80	72,721	1,707	727,514
Hamilton.....	27	96,788	17,935	15,075	26,860	36,918	36			30	9,021
Herkimer.....	529	11,201,228	868,366	1,754,292	2,764,051	5,814,519	562	293	342,380	7,908	3,416,785
Jefferson.....	903	12,778,758	1,517,618	2,019,023	3,750,417	5,486,700	974	403	392,384	5,436	2,514,606
Kings.....	10,713	271,375,801	31,640,913	40,850,331	61,067,106	138,316,951	11,708	7,332	9,389,992	100,881	51,107,604
Lewis.....	336	8,878,282	835,015	539,080	851,090	1,653,037	364	69	89,872	1,129	437,233
Livingston.....	351	8,945,950	5,262,244	1,213,744	909,424	1,560,583	407	82	99,126	1,194	455,879
Madison.....	456	3,811,183	233,916	651,730	776,702	2,148,835	501	187	157,704	2,092	827,588
Monroe.....	2,986	53,459,730	3,941,871	6,752,727	12,091,904	30,673,228	3,238	3,466	3,447,762	35,087	14,684,088
Montgomery.....	456	13,804,642	795,656	1,776,271	3,400,572	7,332,143	504	305	321,767	8,864	3,464,863
Nassau.....	321	3,438,224	726,253	817,274	763,378	1,123,319	349	50	55,891	1,075	767,112
New York.....	27,163	608,661,810	61,263,277	54,918,159	186,700,098	355,780,276	32,212	39,428	44,675,510	344,054	184,602,095
Niagara.....	772	27,056,914	1,954,000	3,686,242	6,181,229	15,235,443	824	811	830,945	8,617	3,915,109
Oneida.....	1,521	33,079,437	1,743,772	5,068,063	9,113,087	17,149,515	1,684	1,270	1,191,197	18,860	7,046,825
Onondaga.....	1,868	43,551,892	3,614,072	8,466,735	12,353,249	18,817,236	2,021	1,798	1,845,857	20,085	9,011,848
Ontario.....	474	5,779,561	812,118	1,094,438	3,560,943	5,010,500	517	231	271,163	2,871	1,201,592
Orange.....	890	13,959,179	1,896,186	2,545,203	3,503,230	6,010,500	942	570	583,999	9,754	4,031,548
Orleans.....	317	1,766,717	302,672	805,820	419,329	738,996	377	65	51,146	1,412	535,131
Oswego.....	659	15,052,361	1,164,971	2,303,412	3,871,927	7,712,051	688	440	552,618	6,757	2,620,330
Otsego.....	571	3,806,529	190,760	568,224	976,854	2,072,091	638	130	92,054	2,096	854,625
Putnam.....	81	1,253,784	112,025	303,768	551,740	712,776	87	18	17,276	811	430,264
Queens.....	1,292	30,271,787	3,553,186	5,373,216	7,003,383	14,341,502	1,341	774	1,059,807	11,836	6,158,656
Rensselaer.....	1,105	33,213,946	1,908,441	4,969,788	6,526,648	19,809,119	1,288	1,218	1,475,093	27,927	11,104,606
Richmond.....	603	11,667,183	1,592,026	2,189,584	2,236,799	5,548,794	631	477	620,155	5,992	3,153,526
Rockland.....	815	7,043,571	531,693	1,417,028	1,699,246	3,395,604	319	206	203,547	4,616	2,134,827
St. Lawrence.....	861	15,039,790	5,741,314	1,742,009	2,347,467	5,209,000	961	285	258,844	3,585	1,462,751
Saratoga.....	550	16,618,993	1,494,217	3,380,971	4,767,810	6,972,965	597	406	482,690	7,390	3,033,786
Schenectady.....	444	14,409,716	863,725	1,657,652	2,472,104	9,411,235	480	352	322,767	9,702	5,699,012
Schoharie.....	251	1,053,933	173,775	232,185	816,587	1,072,051	288	31	20,835	590	197,429
Schuyler.....	159	2,605,392	248,909	762,381	486,373	1,107,729	174	88	40,772	450	165,554
Seneca.....	181	4,414,481	271,684	512,513	854,171	2,376,113	186	160	187,119	2,223	991,102
Steuben.....	783	8,766,887	945,161	1,503,013	1,691,060	4,616,653	895	402	369,880	5,293	2,123,914
Suffolk.....	550	6,552,492	504,831	917,017	1,220,982	3,909,562	616	195	221,650	2,897	1,372,212
Sullivan.....	302	1,198,266	203,225	224,225	312,982	454,894	334	28	14,173	624	255,650
Tioga.....	279	2,277,052	117,491	254,643	556,596	1,348,322	317	110	75,417	964	389,071
Tompkins.....	388	6,365,873	745,901	1,621,445	1,401,348	2,597,179	432	194	158,150	1,840	862,342
Ulster.....	817	9,553,501	1,675,086	1,571,163	2,415,155	3,892,097	911	842	358,667	6,469	2,860,402
Warren.....	285	5,510,160	876,546	1,000,849	1,273,942	2,358,823	362	186	156,885	4,153	1,303,765
Washington.....	397	8,949,513	1,217,187	1,426,745	2,787,518	8,518,113	404	222	258,871	3,270	1,282,076
Wayne.....	660	3,765,700	301,210	719,017	751,714	1,993,769	746	210	138,330	1,777	680,142
Westchester.....	1,411	30,188,543	3,662,722	3,689,632	9,809,236	13,576,953	1,481	981	1,172,675	16,988	8,198,768
Wyoming.....	340	5,838,061	662,933	2,216,133	1,389,839	1,569,106	382	156	161,623	1,884	637,701
Yates.....	158	1,244,148	112,460	218,465	350,578	562,645	195	73	45,413	597	201,542

TABLE 7.—MANUFACTURES BY

1	All industries.....	78,658	\$1,651,210,220	\$175,204,215	\$216,970,426	\$385,789,387	\$873,246,192	88,754	74,480	\$82,075,648	849,056	\$408,855,652
2	Agricultural implements.....	87	20,115,962	634,917	2,262,133	1,618,470	15,600,392	80	659	675,999	5,551	2,797,269
3	Artificial feathers and flowers.....	157	2,981,273	34,750	22,300	257,081	2,667,142	229	229	266,841	4,019	1,257,143
4	Artificial limbs.....	9	97,130	8,000	12,000	32,900	44,230	10	23	18,282	75	49,325
5	Artists' materials.....	4	10,906			1,240	9,666	4	1	636	5	3,265
6	Awnings, tents, and sails.....	217	847,816	67,450	60,350	135,398	584,618	257	49	38,234	993	581,095
7	Axle grease.....	7	142,416	18,000	32,000	13,410	79,006	8	16	16,300	45	15,754
8	Babbitt metal and solder.....	11	1,198,422	41,500	74,200	127,705	955,017	19	29	33,034	208	115,547
9	Bags, other than paper.....	18	678,300	40,200	21,500	132,500	484,100	17	52	110,548	645	203,642
10	Bags, paper.....	18	2,518,200	268,439	314,909	919,652	1,015,200	11	215	217,323	921	332,522
11	Baking and yeast powders.....	31	3,837,135	514,350	523,850	305,012	2,543,928	30	70	97,361	224	115,694

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
605,686	\$338,030,484	230,181	\$68,623,708	13,189	\$2,201,510	\$221,886,271	\$29,284,380	\$7,069,457	\$125,978,936	\$59,553,498	\$1,143,791,776	\$1,120,858,659	\$22,938,117	\$2,175,726,900	1
16,824	8,444,298	7,147	2,211,198	557	108,896	3,451,590	403,282	203,235	2,594,813	250,760	20,254,280	19,655,727	598,558	42,721,067	2
1,062	427,047	107	25,692	15	2,097	92,219	15,840	10,320	66,017	42	2,643,207	2,601,778	41,429	3,958,535	3
5,759	2,633,023	2,677	742,720	82	16,847	1,212,074	108,751	59,188	1,024,424	39,711	10,636,787	10,390,438	146,349	18,474,365	4
4,074	1,882,091	460	105,786	114	18,045	560,646	25,626	51,589	472,384	11,047	12,216,683	12,011,697	204,986	16,688,572	5
5,001	2,380,505	1,784	454,427	155	26,470	691,070	57,021	40,580	562,551	30,618	6,481,887	6,382,456	149,481	11,903,192	6
7,281	3,442,890	1,731	452,413	303	39,684	1,103,151	53,221	48,285	994,521	7,124	10,250,047	10,033,319	216,728	18,876,635	7
4,086	1,950,532	1,318	274,828	186	26,626	615,840	64,375	27,543	506,783	17,139	5,914,246	5,786,661	147,685	10,416,038	8
1,198	532,733	230	72,626	13	1,812	171,711	21,667	7,963	109,121	33,060	2,232,596	2,187,001	45,594	3,747,045	9
1,597	643,882	540	105,732	6	705	222,836	17,587	19,308	180,001	4,840	1,781,181	1,686,737	94,394	3,565,081	10
2,671	1,189,169	1,406	410,930	134	24,475	867,321	25,295	30,722	759,643	51,661	4,215,106	4,005,264	209,822	8,134,411	11
1,901	875,720	423	112,192	8	1,267	184,992	17,279	9,833	156,025	1,855	3,057,899	3,008,030	49,869	5,281,895	12
1,065	465,289	229	69,012	10	2,722	154,224	19,400	13,698	107,182	13,944	1,899,559	1,787,848	81,711	3,306,080	13
5,684	2,899,348	1,189	288,451	164	26,444	781,638	146,795	45,832	572,369	16,642	6,091,284	6,246,058	445,231	12,865,438	14
40,715	20,605,546	6,968	1,475,008	648	86,852	9,985,684	983,315	462,524	7,922,220	617,525	81,283,839	79,407,044	1,876,235	134,330,391	15
1,204	574,112	219	46,428	12	1,950	345,879	6,845	31,729	259,597	47,708	1,947,009	1,772,416	176,193	3,385,351	16
1,352	567,208	165	40,001	2	208	136,892	16,012	23,909	95,330	1,650	2,609,981	2,584,064	25,917	4,044,210	17
6,070	2,723,413	6,870	1,362,687	89	18,339	667,167	86,060	28,309	457,629	95,169	9,507,850	9,364,996	142,853	16,670,966	18
1,947	907,626	496	92,832	10	1,184	506,910	27,758	19,469	415,019	43,764	2,286,889	2,213,117	73,272	4,769,546	19
1,292	607,922	366	112,206	49	7,386	132,895	18,548	10,984	101,438	6,925	1,181,501	1,088,586	92,915	2,610,248	20
27	8,721	3	300			4,965	200	536	1,604	2,625	40,894	40,464	430	68,806	21
5,598	2,839,064	2,140	550,405	175	27,266	845,361	43,833	55,171	744,687	1,670	6,590,207	6,460,548	129,659	13,480,080	22
4,704	2,355,567	702	154,778	80	4,261	810,643	86,165	40,830	657,883	25,765	7,634,889	7,409,892	224,997	13,788,196	23
77,504	44,681,557	21,563	6,131,684	1,814	294,363	25,778,955	8,058,586	1,244,126	19,001,186	2,480,058	213,474,921	210,168,848	8,306,673	842,127,124	24
1,049	419,710	68	15,255	12	2,268	141,728	10,811	13,640	120,727	50	2,120,072	2,077,170	42,902	3,377,016	25
919	399,864	250	52,195	25	3,820	174,678	18,607	11,018	137,359	7,694	1,417,724	1,367,336	50,388	3,010,140	26
1,624	725,104	494	97,697	84	4,787	251,641	24,849	17,047	193,050	17,195	2,824,837	2,768,451	56,386	4,772,257	27
24,144	11,745,516	10,563	2,786,524	980	152,048	9,431,184	772,184	205,744	6,136,201	2,317,055	35,296,983	34,665,321	681,662	74,458,909	28
5,064	2,238,460	3,577	1,168,823	223	57,580	780,310	58,089	42,736	647,723	31,762	9,553,003	9,390,582	162,421	16,324,894	29
1,397	702,807	253	60,876	25	3,429	186,251	19,176	17,039	58,569	91,467	1,395,596	1,318,890	76,706	3,369,973	30
233,675	148,747,580	106,777	35,221,621	3,602	632,894	131,879,774	20,687,811	2,804,101	58,292,028	50,095,834	468,795,294	458,394,400	5,400,894	975,168,202	31
7,157	3,602,456	1,391	301,589	69	11,064	1,591,761	109,566	79,620	1,327,184	75,491	14,043,710	12,994,018	1,049,692	23,662,842	32
12,352	5,420,624	5,587	1,476,449	921	149,752	2,908,550	195,105	164,904	2,112,939	435,602	18,852,183	18,802,264	549,899	35,197,839	33
16,593	8,145,165	3,209	823,595	283	43,088	4,410,070	341,354	172,815	3,215,627	680,274	19,571,675	18,268,842	1,302,833	42,162,691	34
2,422	1,122,125	426	76,835	23	2,632	590,928	84,403	21,147	531,832	3,546	8,817,380	8,735,425	81,965	6,837,749	35
7,226	3,886,019	2,287	608,821	241	86,708	883,412	120,985	59,217	621,964	81,246	9,087,902	8,810,299	277,603	16,981,963	36
1,197	498,388	179	32,956	36	3,787	68,473	18,422	6,876	39,698	8,477	1,171,215	1,127,854	43,361	2,375,836	37
4,936	2,206,381	1,584	375,005	237	38,344	980,884	71,203	63,303	843,132	3,246	8,956,148	8,773,525	182,623	15,109,321	38
1,601	750,689	458	99,919	37	4,017	247,216	28,506	9,121	161,468	48,061	3,869,064	3,825,570	43,494	6,038,421	39
749	411,441	57	17,767	5	1,056	64,451	11,630	5,865	45,256	1,700	1,158,197	1,110,997	47,200	2,001,029	40
10,019	5,704,367	1,516	420,101	301	34,185	3,782,132	182,005	107,599	3,035,822	396,706	24,262,945	23,634,699	628,246	38,093,141	41
11,000	5,865,979	16,568	5,182,781	359	55,846	8,096,910	276,855	183,652	2,270,848	415,555	15,781,216	15,294,685	486,531	38,200,405	42
5,101	2,918,470	835	221,063	56	18,993	1,729,482	78,158	70,466	1,424,113	166,745	7,576,252	7,554,687	221,615	15,970,001	43
4,100	2,010,522	434	109,732	82	14,573	682,422	108,350	36,784	300,557	76,425	2,922,714	2,610,582	312,132	6,730,245	44
3,094	1,940,274	464	118,197	27	4,280	668,687	35,385	43,057	427,529	57,416	6,766,979	6,619,594	147,385	10,822,930	45
5,185	2,388,585	2,188	673,342	117	21,909	994,218	56,591	71,679	800,585	65,363	8,338,611	7,918,469	420,142	15,088,794	46
8,556	5,385,823	1,064	298,185	82	14,999	786,290	52,484	31,227	544,620	168,009	11,109,811	10,866,622	243,189	20,207,473	47
426	161,964	160	35,703	4	362	40,203	8,717	4,190	27,041	255	781,091	757,110	28,981	1,681,156	48
367	146,036	81	19,298	2	220	57,062	10,143	3,174	43,295	450	630,491	608,703	49,783	1,088,041	49
1,821	850,161	875	107,113	27	3,838	803,501	19,610	17,687	765,479	825	1,992,190	1,946,107	46,092	4,456,485	50
4,357	1,890,659	881	208,850	55	24,405	507,987	54,678	31,158	383,369	38,382	5,490,950	5,315,070	175,880	10,254,224	51
2,320	1,280,263	503	130,266	74	11,688	610,724	34,814	18,377	339,693	217,840	3,368,825	3,300,298	68,527	6,710,386	52
589	247,740	30	7,323	5	587	45,171	10,433	6,165	27,944	629	817,136	802,139	14,997	1,479,338	53
814	358,831	139	28,641	11	1,599	100,693	15,056	6,689	74,523	4,425	1,722,143	1,699,651	22,492	2,740,177	54
1,613	807,460	196	54,672	1	220	245,905	39,010	11,326	154,959	40,610	2,216,781	2,114,654	102,127	4,298,864	55
5,442	2,620,751	895	216,999	132	22,652	634,489	67,722	59,129	504,589	3,049</					

SPECIFIED INDUSTRIES: 1900.

605,686	\$338,030,484
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TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Baskets, and rattan and willow ware.	180	\$698,188	\$49,770	\$98,173	\$146,972	\$398,273	208	81	\$23,391	1,059	\$313,877
13	Bells	4	110,926	10,500	17,250	32,377	44,799	4	6	5,330	49	26,621
14	Belt and hose, leather	21	2,363,011	5,000	10,000	167,733	2,180,278	18	117	133,584	558	319,796
15	Bicycle and tricycle repairing	1,094	1,300,817	57,632	107,573	434,881	700,731	1,242	47	25,921	959	458,568
16	Bicycles and tricycles	66	3,326,943	240,167	365,320	948,042	1,773,414	57	267	216,120	2,103	988,052
17	Billiard tables and materials	19	411,745	5,000	32,000	40,959	333,786	23	46	59,505	197	129,615
18	Blacking	25	433,591	8,400	22,121	71,707	331,360	31	125	161,665	259	101,647
19	Blacksmithing and wheelwrighting	5,394	7,925,045	1,555,763	2,095,954	1,348,137	2,925,191	5,885	69	58,877	4,843	2,619,140
20	Bluing	17	92,735	9,100	8,250	9,700	65,625	21	15	13,620	66	27,885
21	Bookbinding and blank book making	298	5,351,004	57,800	176,217	2,188,241	2,981,746	364	418	501,859	7,152	3,152,739
22	Boot and shoe cut stock	23	676,071	23,175	24,500	54,937	573,459	25	34	27,186	477	146,450
23	Boot and shoe findings	20	210,401	100	2,000	77,440	130,461	22	25	21,354	266	90,423
24	Boot and shoe uppers	54	89,650	6,500	8,000	16,920	58,230	65	1	600	116	55,751
25	Boots and shoes, custom work and re- pairing	4,941	1,938,183	193,955	244,780	527,345	972,103	4,937	39	27,932	2,470	1,104,881
26	Boots and shoes, factory product	223	11,983,239	285,835	623,504	2,362,396	8,711,414	264	1,076	1,018,153	15,796	6,133,653
27	Bottling	410	3,512,632	400,005	598,995	671,685	1,841,947	463	188	187,325	1,492	786,382
28	Boxes, cigar	66	800,608	142,400	79,900	231,512	348,796	76	57	51,050	1,198	452,620
29	Boxes, fancy and paper	246	3,725,166	134,955	260,695	1,230,022	2,099,491	311	438	364,954	8,276	2,617,157
30	Boxes, wooden packing	159	4,497,105	316,524	506,594	878,240	2,795,747	175	190	200,665	3,363	1,449,646
31	Brass castings and brass finishing	88	2,181,228	194,760	379,294	673,153	934,021	114	67	70,334	817	470,980
32	Brassware	75	2,160,104	156,800	272,200	671,950	1,059,154	87	103	118,182	1,622	741,295
33	Bread and other bakery products	3,000	19,431,257	2,626,187	3,369,625	7,618,901	5,818,544	3,168	2,081	1,472,513	14,551	7,411,018
34	Brick and tile	217	8,740,600	2,483,632	1,982,756	1,833,919	2,440,323	258	183	167,031	6,737	2,761,879
35	Bridges	27	4,437,236	257,795	498,472	1,153,598	2,527,371	21	139	162,493	2,184	1,316,519
36	Bronze castings	6	350,161	62,000	17,500	86,327	184,334	7	34	41,061	326	198,133
37	Brooms and brushes	170	2,717,519	145,745	253,535	370,100	1,948,139	224	212	165,821	2,648	1,021,075
38	Buttons	49	1,195,343	13,100	46,900	395,107	740,236	48	105	83,195	2,647	812,978
39	Calcium lights	5	42,100			13,500	28,600	6	1	1,200	33	14,288
40	Card cutting and designing	4	41,950			15,200	26,750	3	8	6,757	49	19,146
41	Carpentering	2,981	13,699,233	1,754,433	2,045,065	1,719,539	8,180,196	3,435	444	405,333	18,547	12,406,644
42	Carpets and rugs, other than rag	12	12,870,200	876,306	939,963	3,086,323	7,967,608	3	189	250,169	8,603	3,808,438
43	Carpets, rag	78	71,527	9,591	13,630	25,480	22,830	80	5	2,422	66	23,203
44	Carpets, wood	11	188,661			17,785	170,879	10	22	20,500	302	216,752
45	Carriage and wagon materials	89	1,387,657	105,950	200,229	362,556	718,922	34	77	77,674	942	386,739
46	Carriages and sleds, children's	22	228,786	27,350	38,250	22,350	140,836	21	16	8,315	182	89,606
47	Carriages and wagons	893	14,141,207	1,793,076	2,530,117	1,524,527	8,293,487	1,066	486	520,231	6,981	3,899,899
48	Cars and general shop construction and repairs by steam railroad com- panies.	82	11,244,747	1,200,582	2,679,844	2,790,025	4,574,296		443	344,596	13,062	6,762,504
49	Cars and general shop construction and repairs by street railroad com- panies.	17	6,242,120	1,006,654	2,864,974	1,442,601	927,891		47	52,412	2,559	1,800,551
50	Cars, steam railroad, not including operations of railroad companies.	4	4,299,251	420,305	816,129	881,616	2,181,201		92	75,920	2,091	1,038,948
51	Charcoal	5	62,360	1,310	39,450	3,250	18,350	3	2	900	50	17,752
52	Cheese and butter, urban dairy prod- ucts.	20	64,161	4,850	11,391	22,095	25,225	16	4	941	14	7,120
53	Cheese, butter, and condensed milk, factory product.	1,908	7,084,130	359,122	2,571,475	2,342,306	1,811,227	1,772	227	122,292	2,439	1,157,081
54	Chemicals	92	22,105,837	1,159,611	3,391,799	5,484,870	12,069,557	23	503	718,831	4,581	2,802,999
55	China decorating	37	97,860	6,300	5,100	22,915	63,445	41	11	6,727	107	45,704
56	Chocolate and cocoa products	11	1,262,758	14,000	65,000	275,170	908,588	16	151	163,958	619	197,200
57	Cleansing and polishing preparations	33	470,066	42,500	52,500	79,685	295,381	36	56	60,064	238	104,666
58	Clocks	10	2,545,995	44,400	239,080	292,592	1,969,923	5	61	90,764	1,637	512,029
59	Cloth, sponging and refinishing	26	125,748			61,710	64,038	34	26	20,870	814	180,121
60	Clothing, horse	8	48,389	2,600	950	6,400	33,439	7	3	6,260	61	24,306
61	Clothing, men's, custom work and re- pairing.	5,089	12,985,394	836,577	1,376,472	929,659	9,842,686	5,570	930	833,219	13,183	7,011,702
62	Clothing, men's, factory product	2,531	51,350,648	1,043,383	1,188,477	1,828,153	47,340,630	3,353	3,542	3,785,900	41,300	19,579,938
63	Clothing, men's, factory product, but- tonholes.	81	170,672	26,130	32,637	84,315	27,590	92	9	4,432	502	190,208
64	Clothing, women's, dressmaking	2,913	5,354,687	578,630	583,237	583,296	3,609,504	3,209	353	288,764	11,058	4,381,032
65	Clothing, women's, factory product	1,673	29,283,205	519,250	625,480	2,431,648	25,806,827	2,466	4,152	4,097,946	48,717	21,987,896
66	Coffee and spice, roasting and grinding	87	9,405,886	625,315	1,113,681	1,253,680	6,408,210	143	555	611,665	1,541	711,404
67	Coffins, burial cases, and undertakers' goods.	31	2,443,747	169,333	343,920	306,979	1,623,515	22	179	196,746	1,250	628,367
68	Combs	6	208,650			41,100	167,550	10	23	15,270	233	107,116
69	Confectionery	858	8,330,656	1,089,157	1,408,906	2,067,615	3,764,978	957	1,020	981,599	7,230	2,674,077
70	Copperage	413	4,518,957	469,538	1,044,297	669,281	2,335,341	477	76	88,488	3,153	1,488,800
71	Cordage and twine	18	7,590,958	362,300	747,782	1,600,414	4,880,462	15	111	232,832	3,824	1,292,189
72	Cordials and sirups	10	188,447			30,300	158,147	12	25	31,239	62	20,886
73	Cork, cutting	24	229,361	100	200	33,975	195,086	25	19	17,120	167	66,193
74	Corsets	74	930,479	5,500	34,610	172,048	718,321	86	114	126,453	1,524	461,307
75	Cotton goods	34	14,569,211	740,927	3,621,305	5,341,881	4,805,098	25	156	226,701	8,659	2,582,394
76	Cotton small wares	18	550,938	12,500	42,000	203,455	292,983	22	42	36,449	600	163,454
77	Cutlery and edge tools	59	1,987,913	171,687	380,749	418,174	1,067,353	57	88	74,910	1,575	710,515
78	Dentists' materials	11	243,585		100	34,912	208,573	14	53	49,510	111	51,800
79	Druggists' preparations, not including prescriptions.	42	3,959,371	866,885	352,665	526,996	2,712,875	47	249	355,003	1,016	411,672
80	Drug grinding	10	729,269	27,000	58,000	74,991	574,278	14	30	88,914	150	66,607
81	Dyeing and cleaning	331	1,442,419	159,342	278,469	381,218	623,390	351	206	100,194	1,309	579,244

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
667	\$288,634	818	\$64,899	79	\$10,344	\$10,887	\$13,638	\$2,048	\$12,092	\$13,109	\$416,489	\$407,148	\$9,341	\$1,001,623	12
49	26,621					14,651	1,900	641	11,750	360	84,005	85,042	1,863	148,281	13
553	318,666			5	1,130	140,943	87,023	6,088	97,782	100	2,400,486	2,884,165	16,321	3,293,095	14
928	453,157	6	1,153	25	4,258	240,351	177,036	2,452	49,589	11,274	1,015,240	983,050	27,190	2,693,174	15
2,032	970,043	46	11,009	25	7,000	366,501	34,428	10,628	320,148	1,297	1,856,065	1,805,967	50,093	3,842,020	16
192	128,009	4	1,364	1	182	128,250	19,793	1,527	103,080	3,850	340,002	335,581	4,471	781,497	17
101	59,041	187	42,450	1	156	146,072	22,205	2,489	121,428		371,235	366,178	5,052	832,360	18
4,805	2,912,055			88	7,085	626,336	428,709	50,838	133,115	13,674	3,290,667	3,094,443	196,224	11,699,115	19
30	18,490	36	9,395			17,593	5,691	308	11,594		104,400	103,581	819	232,871	20
3,427	1,994,266	3,597	1,184,610	128	23,863	721,719	322,660	12,379	344,964	41,716	3,132,118	3,055,949	70,169	9,049,198	21
240	102,229	212	40,464	25	3,757	29,816	16,139	432	12,984	261	1,208,923	1,203,786	5,187	1,677,661	22
132	61,670	133	28,753			30,145	11,675	15	10,255	8,200	810,819	811,842	4,977	541,755	23
95	49,349	21	6,402			12,663	10,337	253	2,070	3	172,299	171,256	1,043	311,568	24
2,410	1,090,440	39	11,142	21	3,299	716,696	613,281	6,743	57,761	38,911	1,883,492	1,825,494	57,998	6,381,615	25
9,754	4,465,363	5,483	1,584,992	559	88,298	1,251,902	204,153	23,563	924,075	100,111	15,611,386	15,508,224	103,162	25,585,631	26
1,453	777,323	26	6,736	13	2,323	662,671	117,237	48,039	492,045	5,350	4,421,684	4,367,739	53,945	7,368,003	27
693	307,184	477	140,222	28	5,214	71,782	38,482	2,277	81,023		759,806	740,599	19,297	1,537,217	28
2,572	1,252,315	5,333	1,312,450	371	52,392	563,887	257,701	9,252	296,194	740	3,347,401	3,288,284	59,117	8,379,757	29
3,089	1,394,641	162	84,435	112	20,570	373,483	115,001	26,744	191,480	40,258	4,954,761	4,910,651	44,110	7,850,262	30
807	468,679	4	1,055	6	1,246	106,014	30,666	8,953	65,295	1,100	1,509,941	1,470,638	39,308	2,495,500	31
1,288	658,495	305	77,412	29	5,388	184,910	54,210	5,018	106,047	19,685	1,542,272	1,508,873	33,399	3,071,970	32
11,999	6,811,107	2,295	564,274	260	38,637	3,048,857	1,247,554	135,215	1,659,123	6,965	23,557,866	22,902,948	654,918	43,051,251	33
6,062	2,748,130	1	225	74	16,524	661,721	235,210	53,434	271,552	1,525	1,108,505	815,298	793,297	5,634,320	34
2,183	1,310,219	1	300			188,141	3,482	10,844	172,315	1,500	2,776,466	2,776,466	40,331	5,090,076	35
322	197,558			4	575	23,827	6,620	1,350	15,857		141,277	133,364	7,913	532,230	36
1,786	830,102	742	171,888	120	19,585	184,011	50,844	7,948	112,083	13,166	2,205,682	2,239,957	25,725	4,335,471	37
1,157	464,518	1,349	326,130	141	22,830	110,717	35,932	863	63,322	10,000	943,482	924,034	19,398	2,371,196	38
33	14,288					4,752	2,702		2,550		19,386	18,196	1,190	52,592	39
22	12,468	23	5,950	4	728	9,909	6,430	209	770	2,500	78,856	77,630	1,226	131,160	40
18,515	12,400,032	4	1,006	28	5,606	5,104,307	369,526	60,931	388,299	4,285,551	20,579,930	20,487,855	92,081	46,617,814	41
3,911	1,887,556	4,112	1,813,901	580	106,978	541,841	53,200	47,008	425,654	15,879	7,681,097	7,567,391	113,706	15,029,218	42
45	18,563	21	4,640			11,637	5,785	413	5,339	100	25,069	23,678	1,891	104,722	43
302	216,752					26,031	12,980		13,051		147,277	144,643	2,634	471,587	44
889	338,708	49	17,281	4	750	85,317	4,821	4,836	74,435	1,225	1,023,811	1,004,027	19,784	1,741,041	45
171	86,706	8	2,496	3	404	13,023	7,718	1,038	4,261	6	186,610	184,678	1,932	378,299	46
6,908	3,879,282	58	16,938	15	3,679	873,942	244,236	73,877	517,762	38,067	5,174,662	5,051,029	123,638	13,068,385	47
13,013	6,747,126	49	15,378			203,221	3,400	68,721	136,100		8,379,813	8,721,294	158,619	16,194,850	48
2,559	1,800,551					121,933	300	70,374	51,259		1,527,946	1,496,763	31,183	3,514,763	49
2,072	1,033,313	17	5,110	2	516	81,996		8,446	73,550		3,744,911	3,680,282	64,629	5,228,351	50
50	17,752					9,783	300	212	9,271		32,676	32,376	300	64,722	51
12	6,790	2	330			4,128	2,843	240	1,545		111,793	109,814	1,979	136,835	52
2,085	1,063,837	345	91,917	9	1,327	337,303	31,270	81,715	273,752	566	22,486,869	22,230,050	256,819	26,557,888	53
4,429	2,269,815	102	33,184			1,142,851	64,620	81,947	993,784	2,500	8,669,561	7,497,127	1,172,434	15,994,866	54
50	29,256	62	15,767	5	741	18,948	10,820	239	7,289		69,023	64,441	4,582	201,299	55
281	129,040	314	65,700	24	1,950	145,595	45,135	2,035	98,425		1,956,113	1,942,081	14,032	2,714,872	56
163	81,965	72	22,351	3	350	56,263	15,041	1,563	35,959	3,700	576,328	567,897	8,431	1,030,184	57
1,186	395,962	448	115,620	3	457	78,781	6,915	7,228	63,838	800	898,818	889,544	9,274	1,761,610	58
342	179,321	2	800			71,772	36,620	200	34,752	200	11,301	6,776	4,526	384,017	59
19	8,256	38	15,550	4	500	7,463	6,120	23	1,820		78,094	77,437	657	140,358	60
10,485	6,237,008	2,613	761,625	85	13,169	3,994,370	1,707,468	41,000	597,884	1,048,023	11,778,039	11,625,372	152,667	31,538,653	61
24,274	14,626,270	16,700	4,908,288	326	45,885	20,396,003	1,583,956	61,403	2,880,472	15,870,172	64,500,271	64,260,231	240,040	126,478,057	62
252	123,476	236	64,631	14	2,102	19,787	8,885	589	9,713	600	50,499	47,590	2,909	351,205	63
2,431	1,616,223	8,538	2,752,756	89	12,053	1,381,445	1,072,539	15,988	210,298	33,225	5,490,079	5,411,611	78,468	14,915,538	64
19,678	12,807,231	28,751	9,627,931	293	52,734	8,407,195	1,901,971	26,695	2,444,860	4,034,969	56,348,074	56,620,372	227,702	106,892,390	65
945	555,625	553	143,509	43	7,270	1,523,357	123,794	48,181	1,354,847	2,035	18,130,863	18,007,453	123,415	22,470,856	66
938	532,917	309	93,063	3	387	209,597	53,764	9,966	145,831	536	1,303,195	1,281,497	21,698	2,700,925	67
211	101,466	22	5,650			45,317	5,435		14,882	25,000	196,905	194,120	2,785	406,535	68
3,548	1,848,905	3,441	791,259	241	33,913	1,753,214	508,544	60,273	1,182,362	2,035	10,683,276	10,510,046	173,230	18,842,148	69
3,068	1,472,670	20	8,810	65	12,320	278,827	45,169	24,314	2						

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and imple- ments.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
Dyeing and finishing textiles	42	\$6,230,657	\$339,909	\$1,335,748	\$2,097,541	\$2,457,459	50	107	\$184,345	3,117	\$1,424,578
Dye stuffs and extracts	19	2,548,136	567,463	345,504	436,703	1,198,466	7	78	91,680	528	300,832
Electrical apparatus and supplies	134	17,697,852	1,801,218	2,442,795	3,092,606	10,860,733	111	1,113	901,201	10,370	5,666,702
Electrical construction and repairs	288	1,881,225	55,000	55,150	231,745	1,639,330	335	220	171,758	1,438	927,882
Electroplating	121	621,359	6,000	31,646	241,992	344,721	157	44	37,038	796	376,575
Emery wheels	3	44,854	2,500	1,000	16,000	25,354	1			16	11,300
Enameling and enameled goods	39	2,672,709	312,800	564,885	699,181	1,104,843	35	49	42,725	1,483	537,358
Engravers' materials	6	49,466	600	400	13,130	35,336	7	8	17,114	47	25,605
Engraving and diesinking	117	257,048	6,300	1,509	126,475	122,773	136	17	19,276	330	192,727
Engraving, steel, including plate printing.	97	3,607,565	800,250	164,500	1,228,230	1,419,525	119	118	184,987	1,677	1,353,354
Engraving, wood	42	89,816	1,000	4,000	14,985	19,831	47	1	520	63	48,707
Envelopes	12	719,443	10,000	50,000	376,082	283,361	6	97	100,471	671	263,526
Explosives	5	451,505	40,000	67,475	101,815	242,215	2	19	18,003	85	62,288
Fancy articles, not elsewhere specified	166	1,910,797	140,000	145,320	415,522	1,209,355	213	247	181,956	1,865	719,457
Felt goods	11	2,183,950	143,500	396,531	528,401	1,114,615	7	41	73,130	735	297,858
Fertilizers	32	4,600,559	452,071	720,629	1,012,378	2,415,481	24	192	211,207	1,033	491,898
Files	17	226,379	26,700	33,914	82,076	78,689	23	7	7,144	163	78,934
Firearms	8	2,057,594	68,451	203,010	663,958	1,122,175	3	90	84,885	1,655	929,999
Fire extinguishers, chemical	7	102,238			9,825	92,413	3	22	15,393	22	17,320
Fireworks	9	480,707	42,000	95,856	102,330	240,521	4	40	56,235	547	197,089
Fish, canning and preserving	9	100,564	17,021	25,553	10,005	47,985	15	7	6,520	66	20,842
Flags and banners	13	405,535	300	1,000	44,110	360,125	17	25	30,112	195	64,027
Flavoring extracts	94	721,739	27,955	52,951	62,658	578,175	118	165	144,898	250	116,322
Flouring and grist mill products	1,513	28,384,858	6,275,063	5,563,206	4,792,699	6,753,890	1,844	388	410,929	2,489	1,284,438
Food preparations	123	3,333,760	259,000	753,100	620,909	1,700,751	141	305	309,069	1,712	618,363
Foundry and machine shop products	1,352	107,926,155	7,349,084	12,439,853	24,634,682	68,502,536	1,424	4,250	5,079,822	50,173	27,576,739
Foundry supplies	5	133,404	21,000	34,600	21,510	56,294	4	10	8,663	29	15,052
Fruits and vegetables, canning and preserving.	511	6,649,959	355,910	1,025,824	906,809	4,360,716	589	261	201,025	5,518	1,462,820
Fur goods	560	7,299,989	163,600	66,940	318,016	6,751,433	826	659	634,433	4,454	2,486,071
Fur hats	15	3,050,381	246,000	476,746	634,112	1,693,523	12	135	224,354	4,133	2,070,464
Furnishing goods, men's	270	16,158,628	657,400	1,417,815	1,432,670	12,050,757	412	1,329	1,541,451	21,610	7,299,051
Furniture, cabinetmaking, repairing, and upholstering.	1,235	3,581,938	340,530	330,865	462,840	2,387,703	1,491	240	210,954	3,452	2,218,030
Furniture, factory product	354	16,436,743	1,582,173	2,134,533	2,197,712	10,522,325	453	1,072	1,208,885	14,481	6,983,087
Furs, dressed	40	458,241	65,800	73,050	107,398	211,893	46	25	26,340	470	302,154
Galvanizing	5	71,327	6,000		12,198	49,129	5	10	10,342	41	21,220
Gas and lamp fixtures	76	3,112,930	153,050	136,703	772,508	2,050,664	86	290	352,777	2,169	1,183,117
Gas and oil stoves	8	437,155			47,934	389,221	9	30	26,505	168	84,237
Gas, illuminating and heating	101	171,379,067	23,719,690	24,384,916	91,224,969	32,049,492	1,324	1,324	1,320,036	5,881	3,676,712
Gas machines and meters	19	809,037	92,106	106,897	156,667	453,367	17	54	58,267	512	295,714
Glass	27	2,242,834	242,675	397,004	300,232	1,302,923	17	117	139,698	2,556	1,305,264
Glass, cutting, staining, and ornamenting.	135	1,621,422	32,025	41,800	198,253	1,349,344	169	166	175,844	2,063	1,074,070
Gloves and mittens	244	6,219,227	150,022	330,370	350,687	5,388,148	345	328	294,574	9,889	2,716,228
Glue	8	489,001	7,500	55,434	95,285	330,782	8	22	28,446	133	69,165
Gold and silver, leaf and foil	52	478,776	65,800	67,650	88,355	253,871	61	21	22,700	586	246,424
Gold and silver, reducing and refining, not from the ore.	14	602,450	104,000	135,000	73,350	290,100	18	8	9,770	54	33,624
Grease and tallow	44	1,802,494	184,495	231,850	252,426	583,723	53	51	60,898	416	222,349
Hairwork	94	502,817	1,650	2,800	23,455	472,012	104	22	19,130	408	155,117
Hand knit goods	16	103,735	2,200	2,100	21,975	77,620	20	19	17,650	166	34,369
Hand stamps	54	300,099			135,212	171,487	60	21	21,466	258	121,039
Hardware	63	2,547,436	128,275	302,107	780,300	1,336,754	65	176	188,956	1,851	812,995
Hardware, saddlery	10	682,692	63,000	120,912	156,351	342,429	10	31	32,941	505	195,992
Hat and cap materials	28	754,675	35,500	38,500	108,885	671,790	37	24	27,918	610	196,343
Hats and caps, not including fur hats and wool hats.	288	2,601,654	79,700	62,300	306,055	2,162,999	409	194	197,119	4,506	1,694,237
Hones and whetstones	4	69,736	800	700	4,384	64,352	5	2	1,352	41	19,370
Hosiery and knit goods	242	30,203,640	1,194,978	3,944,873	9,001,637	16,062,652	230	805	930,704	26,470	8,964,097
House furnishing goods, not elsewhere specified.	75	2,870,905	69,400	261,959	371,475	2,168,071	88	206	157,919	2,098	689,378
Ice, manufactured	41	2,554,722	341,518	595,070	1,432,701	185,433	17	63	51,780	319	201,994
Ink, printing	24	1,083,970	94,800	230,700	159,676	598,794	26	128	153,610	201	122,134
Ink, writing	10	431,723	53,000	61,365	47,322	270,036	11	13	23,090	105	47,408
Instruments, professional and scientific.	99	1,620,866	146,500	152,300	361,864	960,002	119	132	132,488	993	530,038
Iron and steel	30	12,183,866	1,715,094	2,494,419	2,711,409	5,262,944	15	238	377,088	5,418	3,062,711
Iron and steel, bolts, nuts, washers, and rivets.	8	1,830,763	90,333	319,770	805,759	605,901	10	59	71,466	821	372,856
Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,534
Iron and steel, forgings	11	952,863	138,006	151,151	237,256	362,850	8	40	46,306	315	204,629
Iron and steel, nails and spikes, cut and wrought, including wire nails.	12	736,791	82,600	118,535	155,409	380,347	15	27	40,401	348	149,685
Ironwork, architectural and ornamental.	203	6,167,239	871,682	882,828	1,236,646	3,176,188	242	342	402,753	4,942	2,936,838
Ivory and bone work	23	251,896	7,000	19,000	57,398	168,003	31	22	22,206	306	126,415
Japanning	7	9,119		700	3,025	6,394	8			18	10,781
Jewelry	250	5,828,008	10,000	37,200	703,221	5,077,587	361	304	304,294	3,022	2,001,816
Jewelry and instrument cases	38	367,010	7,100	7,200	60,038	292,672	50	39	25,756	507	213,156

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.									Total.	Rent of works.
2,395 538 9,266 1,421 717	\$1,244,051 300,832 5,841,834 924,092 353,974	636 1,023 5 2 62	\$166,424 300,044 1,530 19,667	86 81 12 17	\$14,103 15,824 2,260 2,934	\$210,395 128,447 893,038 193,899 93,037	\$29,067 10,460 110,367 83,151 49,281	\$34,749 10,432 51,717 2,538 842	\$140,586 107,555 690,170 86,965 40,969	\$5,993 40,784 21,242 1,945	\$1,402,373 1,263,843 12,538,790 1,958,439 410,730	\$1,191,735 1,232,277 12,304,944 1,945,831 389,895	\$210,638 31,666 233,846 12,608 20,836	\$3,625,882 2,111,811 22,695,024 4,095,033 1,197,716	82 84 88 85 86
16 1,185 47 290 1,039	11,360 472,732 25,605 183,334 894,617	213 21 594	52,839 6,334 250,990	85 19 44	11,787 3,059 7,847	1,842 35,762 8,855 42,253 248,509	600 8,548 4,086 29,369 160,336	106 5,466 12 170 20,449	1,136 19,948 4,757 9,504 52,449	1,800 3,210 14,775	35,774 1,643,392 126,254 57,922 723,334	34,084 1,603,654 123,614 51,038 712,241	1,690 39,738 2,640 6,884 11,093	73,897 2,866,363 195,029 514,630 2,726,644	87 88 89 90 91
57 181 85 882 507	47,819 100,756 52,288 444,194 228,966	2 490 384 197	220 162,770 62,379	4 568 31	568 3,155 6,508	29,923 85,826 11,543 205,067 114,900	8,092 40,638 786 89,217 2,500	40 786 1,968 3,630 7,492	3,241 44,402 9,575 157,796 104,908	9,550 14,994	13,797 657,934 201,331 1,359,061 987,380	13,485 649,800 196,656 1,359,803 955,201	812 8,131 4,675 19,258 32,179	160,982 1,221,629 332,998 8,294,629 1,734,136	92 93 94 95 96
1,033 163 1,650 22 367	491,898 78,931 920,736 17,320 149,901	29 142	8,431 37,160	6 38	832 10,025	317,826 10,086 272,496 16,625 27,486	7,410 1,993 5,220 1,838 7,760	40 1,236 10,555 407 1,626	3,241 3,857 231,221 13,380 1,626	150 20,000 1,600	1,909,158 49,688 459,258 29,771 829,108	1,713,459 42,711 439,096 29,244 826,493	195,699 6,977 20,162 527 2,615	3,147,894 192,917 1,969,624 108,285 807,153	97 98 99 100 101
39 88 143 2,404 1,138	18,424 39,407 79,912 1,267,340 495,215	27 77 105 85 567	2,418 20,056 35,994 17,038 121,783	30 2 7	4,564 416 1,365	11,741 55,615 105,852 1,014,018 600,715	1,100 20,220 27,708 90,102 70,225	1,056 240 4,021 119,038 18,801	9,585 34,955 73,043 804,578 570,849		134,211 285,618 763,043 36,523,950 4,242,134	132,486 283,333 759,272 36,232,302 4,177,189	1,725 2,180 3,771 291,657 64,945	197,869 520,560 1,517,828 42,796,840 7,405,641	102 103 104 105 106
49,607 28 2,292	27,425,564 14,840 811,564	402 1 3,007	118,423 212 623,168	164 219	32,752 28,088	7,390,514 2,949 495,478	813,842 924 15,910	460,990 787 17,503	4,977,628 1,238 461,302	1,138,054 763	41,814,790 30,392 5,592,462	40,144,019 18,996 5,452,088	1,670,741 11,396 140,374	96,636,517 76,747 8,975,321	107 108 109
2,702 2,960	1,772,239 1,566,907	1,736 1,112	711,300 499,772	16 61	2,532 12,785	1,208,935 300,185	420,370 11,360	7,553 8,792	483,140 269,283	297,872 10,750	8,732,323 2,607,454	8,705,049 2,542,099	27,274 65,355	15,828,996 5,002,458	110 111
3,075 2,988	1,677,767 2,054,901	18,334 443	5,590,145 159,454	201 21	31,142 3,675	1,963,893 814,515	361,177 348,982	24,770 13,185	984,871 199,945	503,045 252,403	15,865,729 2,894,361	15,782,078 2,856,678	83,651 37,683	31,000,834 8,108,237	112 113
13,992 456 41	6,846,566 296,510 21,220	811 13	108,881 5,344	178 1	27,640 300	1,813,548 30,125 4,380	436,329 12,180 2,860	61,006 1,927 340	1,154,531 16,018 1,180	161,682	9,908,514 246,602 149,657	9,761,867 235,010 147,722	156,647 11,592 1,935	23,643,245 777,227 221,253	114 115 116
2,122 168 5,379 498 2,201	1,171,200 84,237 3,076,892 292,249 1,239,971	80 2 14 78	8,921 820 8,465 17,831	17 282	2,096 47,462	339,409 46,144 5,060,906 50,010 145,505	82,958 15,660 28,743 9,372 8,945	24,584 310 1,293,177 6,038 8,122	230,191 27,274 3,738,986 34,000 115,309	1,726 2,900 18,069	1,429,796 414,991 5,866,549 494,152 899,590	1,385,956 411,246 5,617,190 481,749 672,432	43,840 3,745 349,359 12,403 227,158	3,853,518 923,199 20,917,726 1,061,233 2,756,976	117 118 119 120 121
1,832	986,690	193	64,410	38	22,970	304,496	95,512	5,128	154,022	49,834	1,406,241	1,382,137	24,104	3,559,236	122
2,839 117 273 54	1,296,958 65,065 156,101 38,024	6,987 16 301	1,410,314 4,100 88,365	63 12	8,951 1,958	341,567 19,750 19,442 24,890	47,115 5,546 7,938 9,008	11,194 1,124 1,825 2,840	197,438 13,080 9,499 12,292	35,820 180 750	6,317,033 572,710 829,062 4,313,818	6,281,008 547,656 825,047 4,308,124	36,025 25,054 4,015 5,694	10,835,898 743,270 1,459,893 4,628,119	123 124 125 126
410 89 14 215 1,699	220,633 54,529 6,414 107,802 778,513	6 319 142 36 125	1,716 100,588 27,955 12,729 29,462												
434 269 2,807	182,242 123,925 1,461,372	27 813 1,691	6,072 69,426 531,439	44 28 8	7,678 2,992 1,426	52,957 54,321 347,200	2,990 18,304 199,011	2,787 2,059 2,876	47,180 30,648 126,775	3,250 18,547	282,104 1,255,837 4,288,588	266,570 1,246,016 4,257,495	15,534 9,871 31,093	621,574 1,751,850 8,343,983	132 133 134
8 41 732	19,379 3,612,989 334,654	17,219 1,315	5,180,572 346,732	924 51	170,536 7,992	2,199,029 228,566	144,387 57,197	94,980 4,280	1,818,590 122,199	141,072 44,890	20,218,200 4,041,852	19,924,742 4,017,274	293,458 24,578	35,886,048 5,578,690	135 136
319 190 80 801	201,394 120,488 35,136 488,845	5 45 180	1,616 12,272 38,826												
5,865 733	3,052,336 352,151	35 84	7,550 19,541	18 4	2,775 1,164	503,558 88,986	65,531 585	60,460 8,336	369,255 68,843	8,312 11,222	7,676,155 1,178,992	5,874,846 1,142,647	1,801,309 31,345	13,858,553 2,025,995	142 143
80 315 259	31,534 201,629 130,121														
4,895	2,927,351	4	1,567	43	7,920	835,632	117,992	27,368	311,137	879,135	6,877,269	6,781,705	95,564	12,745,249	147
256 17 2,433 238	116,708 10,570 1,823,277 137,638	49 1 457 244	9,452 211 157,249 70,782	1 182 25	260 21,290 4,736	19,563 474,446 63,309	10,380 145,844 22,425	883 8,113 806	7,600 240,756 20,238	1,200 84,733 20,340	226,582 5,427,002 270,493	222,252 5,385,676 205,404	4,330 41,326 5,089	500,336 10,244,624 756,341	148 149 150 151

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
152	Kaolin and other earth grinding	24	\$5,090,088	\$3,280,647	\$241,705	\$280,914	\$1,286,821	19	48	\$54,765	201	\$95,947
153	Knitting wood	24	421,343	154,650	83,400	100,843	82,450	81	20	15,036	329	166,629
154	Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,485
155	Lamps and reflectors	37	1,639,562	26,000	70,600	411,847	831,115	33	150	158,535	1,100	500,455
156	Lapidary work	37	2,975,775	33,600	305,500	57,900	2,578,775	49	84	45,761	398	450,634
157	Lasts	19	211,901	650	3,000	88,086	120,165	20	13	15,599	227	118,118
158	Lead, bar, pipe, and sheet	8	697,010	50,520	27,000	146,378	473,112	7	30	31,646	93	49,310
159	Leather goods	128	2,828,764	30,850	37,950	321,674	2,438,290	159	294	280,431	2,921	1,155,658
160	Leather, tanned, curried, and finished	147	19,062,517	633,849	2,251,812	2,204,338	13,972,818	199	193	264,724	6,630	2,775,115
161	Lime and cement	117	8,447,923	2,051,639	1,603,252	2,492,839	2,300,193	102	279	294,867	3,880	1,753,212
162	Liquors, distilled	16	394,906	24,740	76,200	82,731	211,235	20	19	24,468	62	26,621
163	Liquors, malt	225	95,057,875	13,022,037	22,686,162	15,813,299	43,506,377	153	1,721	3,673,854	7,424	5,630,996
164	Liquors, vinous	88	2,157,322	99,635	420,635	185,555	1,451,437	31	104	102,341	244	83,464
165	Lithographing and engraving	111	12,288,055	325,000	749,386	5,616,626	5,697,043	113	688	958,328	6,335	3,497,737
166	Lock and gun smithing	420	450,863	56,150	34,850	148,747	211,116	454	15	13,200	329	185,241
167	Looking-glass and picture frames	339	1,909,975	80,430	144,600	274,284	1,410,661	339	187	196,456	1,758	900,401
168	Lumber and timber products	1,765	21,873,203	8,097,840	1,648,936	3,883,452	8,272,925	2,161	333	270,891	6,850	2,737,361
169	Lumber, planing mill products, including sash, doors, and blinds	509	22,941,540	2,564,841	2,832,382	3,687,736	13,806,581	648	860	857,588	11,515	5,583,243
170	Malt	57	18,056,870	2,624,808	4,302,968	1,012,843	5,716,251	47	94	120,722	756	363,198
171	Mantels, slate, marble, and marbleized	7	603,042	55,000	20,500	34,300	493,242	7	55	56,361	287	204,251
172	Marble and stone work	449	9,037,390	2,140,715	771,425	2,102,768	4,022,482	574	356	416,360	6,360	4,181,267
173	Masonry, brick and stone	905	12,915,072	1,189,466	917,540	1,493,418	9,308,648	1,089	573	675,548	16,634	10,391,281
174	Matches	8	649,750	62,000	212,000	213,500	162,250	3	6	11,500	328	96,116
175	Mats and matting	3	136,250	11,700	42,050	31,300	51,200	6	1	3,900	169	82,940
176	Mattresses and spring beds	152	1,359,855	31,416	58,186	166,908	1,103,345	181	155	174,181	1,303	619,377
177	Millinery and lace goods	393	7,720,991	53,950	67,850	1,112,325	6,487,366	571	1,180	1,052,169	11,274	4,031,573
178	Millinery, custom work	1,721	4,084,912	318,668	446,035	190,369	3,129,840	1,950	562	258,667	5,135	1,733,528
179	Mineral and soda waters	525	5,925,536	928,313	969,667	2,377,733	1,649,823	616	352	329,377	2,490	1,319,185
180	Mirrors	36	1,456,184	10,800	31,200	188,349	1,225,835	59	95	108,938	944	622,673
181	Models and patterns	105	675,443	48,150	80,600	161,088	385,605	123	34	36,771	547	375,441
182	Monuments and tombstones	408	2,773,915	481,555	831,851	287,739	1,672,770	517	104	88,436	1,523	988,962
183	Mucilage and paste	16	188,169	12,300	23,800	46,840	105,229	14	39	31,626	79	37,627
184	Musical instruments and materials, not specified	58	1,146,213	37,200	50,650	173,038	885,325	56	42	47,346	443	237,495
185	Musical instruments, organs and materials	17	269,336	22,000	32,000	66,900	148,436	23	4	4,000	151	101,900
186	Musical instruments, pianos and materials	118	12,897,946	1,184,962	1,798,376	901,243	9,013,365	130	435	636,789	6,650	3,801,859
187	Needles and pins	8	237,306	800	24,500	92,500	119,506	7	15	13,900	190	63,101
188	Oil, essential	14	256,885	52,220	35,910	29,075	139,680	2	24	13,318	42	24,205
189	Oil, lard	3	218,773	15,000	16,000	13,516	175,257	3	14	14,142	47	25,904
190	Oil, linseed	9	4,084,574	893,786	493,653	883,814	1,813,321	9	64	114,216	391	199,174
191	Oil, not elsewhere specified	46	1,168,883	95,000	98,700	199,743	775,440	54	135	142,486	230	137,617
192	Oilcloth, floor	6	1,926,984	147,250	356,650	182,007	1,241,077	10	28	45,032	893	326,503
193	Optical goods	82	2,392,243	90,700	249,867	561,631	1,490,045	107	255	183,900	1,494	703,898
194	Painting, house, sign, etc	2,742	5,505,327	595,255	669,466	807,996	3,432,610	8,167	326	222,417	11,499	8,541,067
195	Paints	82	11,318,449	2,129,678	1,095,653	1,495,299	6,597,819	34	505	717,339	2,173	1,175,277
196	Paper and wood pulp	179	37,349,390	6,389,909	7,880,814	12,230,407	10,839,260	129	604	858,662	9,268	4,099,771
197	Paper goods, not elsewhere specified	64	3,037,106	292,246	515,754	885,207	2,243,899	71	302	386,618	1,972	740,999
198	Paper hangings	103	921,262	30,375	91,310	142,841	656,736	113	64	65,447	651	331,089
199	Paper hangings	18	4,086,264	120,788	384,393	1,514,200	2,066,883	8	249	424,021	2,128	1,093,375
200	Paper patterns	6	192,239	30,025	70,200	21,075	70,939	8	86	58,452	625	189,564
201	Patent medicines and compounds	392	12,809,437	1,193,270	1,765,040	1,029,901	8,820,626	364	1,379	1,471,594	2,885	1,182,637
202	Paving and paving materials	163	12,454,065	5,150,570	706,540	1,032,318	4,664,637	164	273	298,555	4,691	2,163,832
203	Pencils, lead	3	1,493,381	131,500	149,000	126,000	1,116,881	1	46	69,602	1,415	492,546
204	Pens, fountain and stylographic	9	261,670			25,175	236,495	8	49	56,834	105	48,395
205	Pens, gold	14	307,734			88,856	218,878	17	39	45,672	302	191,623
206	Perfumery and cosmetics	85	1,870,160	62,100	126,750	208,136	1,473,174	93	340	416,162	707	282,581
207	Petroleum, refining	4	16,970,492	2,383,796	1,068,691	6,771,064	6,746,941		312	575,313	2,629	1,306,084
208	Photographs and graphophones	8	77,800			46,600	31,200	1	2	5,000	66	33,672
209	Photographic apparatus	21	1,223,188	46,800	164,720	106,353	815,315	11	91	67,373	1,412	539,662
210	Photographic materials	31	2,377,764	95,052	397,906	635,340	1,249,466	26	140	140,025	670	287,622
211	Photography	927	2,021,706	115,975	147,343	912,872	845,516	1,028	169	181,417	1,407	710,951
212	Photolithographing and photoengraving	56	544,542			274,405	270,137	73	133	126,664	719	557,730
213	Pickles, preserves, and sauces	98	1,726,651	231,925	249,242	390,188	855,346	112	205	216,122	910	361,363
214	Pipes, tobacco	39	672,415	2,100	2,900	107,455	559,960	46	80	73,289	854	433,471
215	Plastering and stucco work	152	676,141	41,100	33,050	123,325	478,666	212	39	41,540	1,103	880,045
216	Plated and britannia ware	18	1,122,989	21,455	78,364	309,124	714,046	17	118	94,378	880	359,647
217	Plumbers' supplies	43	1,517,419	190,220	165,800	857,243	804,156	32	136	158,996	695	384,593
218	Plumbing, and gas and steam fitting	2,491	11,192,264	1,148,699	1,218,409	1,209,197	7,585,959	2,958	707	568,504	12,677	8,245,839
219	Pocketbooks	52	385,296	13,510	44,150	31,196	296,440	65	71	52,526	636	252,614
220	Pottery, terra cotta, and fire-clay products	52	4,102,667	908,764	1,103,615	641,221	1,899,067	43	176	200,468	2,270	872,583
221	Printing and publishing, book and job	1,412	24,114,794	702,910	920,352	12,155,818	10,935,714	1,656	1,879	1,945,692	16,273	9,255,500
222	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,736
223	Printing and publishing, newspapers and periodicals	1,206	55,480,474	3,977,982	3,944,294	15,564,120	32,000,078	1,107	7,415	9,096,420	16,460	10,924,765
224	Printing materials	20	845,847	300	300	143,156	202,091	14	24	28,247	137	76,404
225	Pulp goods	9	1,434,893	17,475	112,044	231,310	1,074,064	2	35	50,704	376	161,035
226	Pumps, not including steam pumps	18	84,834	15,129	31,450	17,675	20,680	21			19	8,191

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.			
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.											
201	\$95,947					\$43,908	\$3,750	\$5,707	\$32,852	\$1,599	\$275,873	\$259,136	\$16,737	\$587,287	152	
289	153,663	35	\$11,516	5	\$1,450	31,256	15,836	6,181	12,239		261,406	261,758	2,648	587,205	153	
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,606	5,500	82,262	79,224	2,978	295,007	154	
1,011	477,535	74	20,460	15	2,460	162,938	46,723	5,102	99,913	11,200	926,234	913,293	12,941	2,350,587	155	
376	444,676	14	4,571	8	1,387	66,886	20,583	4,843	40,751	709	4,514,539	4,506,513	8,026	5,500,861	156	
227	118,113					36,273	13,018	292	22,963		100,344	95,732	4,612	354,798	157	
91	48,710	2	600			55,521	13,240	1,735	40,546		1,468,727	1,456,671	12,056	1,773,238	158	
1,815	850,784	1,044	203,854	62	10,990	540,922	106,939	3,250	384,363	46,370	3,523,609	3,505,411	18,198	6,336,683	159	
6,397	2,738,721	122	33,510	11	2,884	553,470	89,090	50,148	463,232	1,000	17,424,300	17,254,947	169,353	23,205,991	160	
3,861	1,748,174	6	2,360	13	2,678	635,461	59,274	56,884	518,953	350	2,408,569	1,817,623	590,946	6,188,342	161	
61	26,861	1	260			909,958	6,725	1,567	901,666		141,626	129,305	12,321	1,201,851	162	
7,409	5,627,656	13	2,620	2	720	26,954,024	92,860	568,136	26,290,528	4,500	11,418,383	10,519,578	898,805	56,137,851	163	
220	79,473	24	8,991			132,831	1,925	6,172	124,704		382,887	378,626	4,261	942,548	164	
5,111	3,192,477	984	268,532	240	36,748	1,543,750	281,433	39,204	1,131,581	88,532	3,790,350	3,793,786	86,564	11,062,856	165	
310	180,452	11	3,347	8	1,412	93,434	77,710	1,288	13,011	1,425	193,396	181,816	11,550	822,723	166	
1,643	875,952	90	20,283	25	4,166	340,856	175,883	7,247	147,829	9,897	1,749,925	1,730,385	19,090	4,026,374	167	
6,751	2,719,966	77	12,985	22	4,410	523,407	60,151	94,294	367,402	1,500	9,038,425	9,030,619	7,806	15,766,977	168	
11,311	5,548,396	21	5,164	183	29,683	1,197,987	205,389	95,297	756,270	141,031	18,507,066	18,350,843	156,228	29,756,257	169	
756	363,198					826,542	55,120	48,313	220,180	2,929	4,510,431	4,377,308	133,123	5,918,025	170	
286	204,051			1	200	92,390	4,650	1,114	86,626		250,832	248,477	2,355	702,871	171	
6,310	4,124,367	48	6,482	2	418	736,629	179,188	45,781	360,801	150,859	4,469,228	4,351,330	117,898	12,854,313	172	
16,599	10,382,460	25	6,660	10	2,161	16,812,191	128,100	48,361	526,731	16,108,999	18,420,818	18,347,527	73,291	53,287,843	173	
148	58,593	146	33,115	34	4,408	101,730	50	2,775	98,905		648,542	647,417	1,125	1,192,692	174	
166	81,440	3	1,500			11,678		1,563	10,113		95,905	92,881	3,024	232,700	175	
1,023	521,736	272	96,008	8	1,033	222,984	101,995	2,046	111,152	7,791	2,008,381	1,992,015	16,366	3,732,486	176	
1,913	1,122,397	9,264	2,891,810	97	17,366	1,139,237	520,447	8,665	509,654	100,471	11,177,259	11,102,021	75,238	21,037,782	177	
102	51,000	4,982	1,675,626	51	6,902	845,301	612,975	12,609	217,870	1,847	5,417,171	5,378,989	38,182	10,844,072	178	
2,340	1,808,539	25	5,859	26	4,787	662,390	140,588	43,329	478,478		1,835,426	1,780,791	54,635	5,794,438	179	
560	500,388	71	19,840	13	2,450	191,615	74,023	1,566	111,226	4,800	2,502,884	2,482,825	20,059	3,947,113	180	
478	354,155	63	20,131	6	1,155	74,396	34,410	11,897	20,201	7,888	280,173	216,596	13,577	983,642	181	
1,521	988,462			2	500	201,279	49,114	10,633	77,875	63,657	1,865,987	1,845,207	20,700	4,018,349	182	
62	31,287	7	1,910	10	2,300	44,199	9,272	778	34,149		140,992	136,918	4,074	332,381	183	
387	223,891	48	11,604	8	2,000	52,116	28,926	2,650	24,040	1,500	305,749	297,924	7,825	763,408	184	
143	99,700	5	1,500	3	700	17,858	7,634	803	9,821	100	119,339	116,133	3,206	326,517	185	
6,476	3,831,639	15	4,055	159	25,665	1,124,814	208,165	64,173	785,561	66,415	6,443,196	6,350,600	92,596	14,419,914	186	
91	41,741	88	19,360	11	2,000	13,116	8,460	53	9,603		102,807	98,396	4,411	221,387	187	
39	23,470	3	825			38,411	2,427	1,326	34,658		412,832	400,360	12,472	531,000	188	
46	25,695	1	209			39,040	7,192	1,972	29,870		508,527	505,255	3,272	675,611	189	
391	199,174					213,031	2,700	9,825	198,704	1,802	7,595,025	7,558,243	36,782	8,427,271	190	
221	185,347	8	1,953	1	312	103,410	28,031	3,474	71,655	200	2,063,311	2,052,924	10,387	2,951,172	191	
764	314,873	39	11,720			89,640		11,859	77,781		832,398	798,912	33,486	1,479,986	192	
1,105	634,130	345	64,799	44	4,939	275,017	63,477	10,938	198,162	2,440	1,004,046	1,046,581	17,465	2,552,020	193	
11,394	8,510,642	68	28,058	42	7,967	1,053,757	474,909	21,788	290,429	266,631	5,091,151	5,054,737	36,414	18,546,524	194	
1,975	1,125,011	187	48,086	11	2,180	815,046	99,494	60,984	650,468	5,000	8,341,936	8,228,023	121,913	12,513,825	195	
8,811	3,995,068	451	103,000	6	1,643	2,398,994	30,028	181,954	2,036,983	90,429	14,568,222	13,124,270	1,438,952	26,746,628	196	
973	476,583	956	257,931	43	6,485	444,833	91,498	16,741	317,344	19,300	2,747,199	2,701,688	45,516	4,854,509	197	
617	324,437	25	6,852	9	2,800	97,460	22,636	2,209	71,426	1,189	594,369	568,047	6,322	1,336,561	198	
1,807	1,003,704	249	74,737	72	14,934	252,568	101,155	20,972	123,007	7,424	2,534,088	2,460,634	73,451	4,812,288	199	
64	57,495	561	132,039			22,037	6,600	1,822	13,615		86,547	86,087	460	383,675	200	
1,309	736,809	1,559	443,488	17	2,860	5,846,921	170,091	63,817	5,559,117	52,896	4,914,438	4,843,081	71,357	17,075,937	201	
4,088	2,169,426			3	406	359,019	44,272	28,070	250,877	35,800	3,469,564	3,376,362	93,202	7,503,566	202	
523	291,032	758	179,738	184	21,716	191,382	720	13,289	177,373		755,549	747,060	8,489	1,581,351	203	
94	44,020	10	3,550	1	225	72,371	11,020	142	58,609	2,000	235,550	233,714	1,836	521,079	204	
274	181,517	28	10,106			27,845	12,574	271	11,600	3,400	264,188	261,125	3,013	657,693	205	
193	103,015	505	127,919	9	1,647	441,637	69,842	7,046	364,449	300	1,509,086	1,499,982	9,104	3,219,485	206	
2,612	1,302,942	9	1,803	8	1,339	974,321		142,423	831,898		28,485,857	22,934,238	501,119	27,184,524	207	
56	34,672	10	4,000			6,546	2,840	48	3,658		46,148	45,800	348	119,980	208	
1,208	458,456	152	60,674	52	20,532	139,923	33,078	2,485	101,360	3,000	377,189	366,756	10,4			

TABLE 7.—MANUFACTURES BY

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
227	Refrigerators	21	\$846,717	\$184,271	\$187,956	\$110,606	\$413,884	25	36	\$32,385	543	\$252,732
228	Regalia and society banners and emblems.	37	317,448	35,000	50,000	28,651	203,797	44	28	23,277	177	60,983
229	Roofing and roofing materials	322	2,654,244	499,940	429,120	376,235	1,348,919	362	141	163,081	1,629	941,831
230	Rubber and elastic goods	55	4,111,237	176,909	404,077	723,672	2,809,639	58	214	312,234	2,103	832,113
231	Rules, ivory and wood.	5	171,919	4,200	23,256	45,498	98,965	8	11	9,714	185	58,141
232	Saddlery and harness	1,258	3,371,161	280,244	448,396	411,105	2,231,416	1,338	123	106,111	2,034	1,029,696
233	Safes and vaults	4	682,190	94,121	39,000	322,201	2,26,778	2	54	47,844	125	60,207
234	Salt	88	17,231,864	6,387,587	6,143,385	2,338,407	2,362,485	5	157	247,373	1,279	542,909
235	Sausage	58	300,893	86,800	85,100	70,174	118,819	69	10	8,424	189	102,907
236	Saws	17	689,397	187,276	95,034	199,097	207,990	18	8	8,448	273	128,574
237	Scales and balances	17	718,322	82,000	109,800	112,381	414,138	16	77	71,280	507	238,978
238	Screws, machine	4	253,423	16,000	37,000	84,667	115,956	4	11	12,374	118	45,489
239	Sewing machine repairing	110	153,541	10,000	18,300	26,500	103,741	116	5	2,705	98	53,670
240	Sewing machines and attachments	12	130,282	100	400	38,650	91,132	13	42	27,572	75	40,672
241	Ship and boat building, wooden	218	6,138,915	1,674,472	616,203	1,373,636	2,441,601	208	123	151,676	3,464	2,014,788
242	Shipbuilding, iron and steel	9	8,536,165	1,273,066	401,862	642,370	1,218,867	7	74	110,678	2,108	1,167,171
243	Shirts	324	9,526,124	189,247	522,411	810,260	8,004,206	441	825	713,490	13,565	4,699,177
244	Shoddy	9	829,861	18,700	45,150	77,152	188,859	11	7	6,130	167	65,739
245	Show cases	19	228,735	25,737	8,900	47,432	146,666	19	33	29,840	300	158,967
246	Silk and silk goods	92	9,800,207	202,138	586,224	3,061,252	5,950,593	94	363	514,439	7,861	2,861,818
247	Silversmithing	23	467,275	12,500	15,000	106,650	333,125	33	29	36,092	478	298,651
248	Silverware	20	2,586,267	178,000	78,000	728,604	1,601,663	18	190	204,650	1,167	676,413
249	Slaughtering and meat packing, wholesale	53	7,309,162	725,365	1,213,556	800,888	4,569,353	67	331	260,774	1,630	777,738
250	Slaughtering, wholesale, not including meat packing.	57	8,047,918	874,980	2,410,425	857,680	3,904,828	73	271	323,612	1,569	1,068,696
251	Smelting and refining, not from the ore	9	1,014,126	208,393	92,993	113,361	599,379	9	79	101,428	171	134,766
252	Snap and candles	91	7,049,979	780,074	1,147,564	1,431,628	4,310,713	97	742	577,259	2,020	821,340
253	Soda water apparatus	8	659,734	8,000	10,000	118,308	553,426	7	63	62,122	287	115,410
254	Sporting goods	56	450,926	17,850	27,900	84,030	321,086	58	48	36,952	475	136,650
255	Springs, steel, car and carriage	12	722,318	54,700	76,501	174,946	416,171	11	32	57,002	420	213,509
256	Stamped ware	41	5,044,779	362,268	931,500	1,126,069	2,624,942	60	219	230,486	3,510	1,320,902
257	Starch	15	3,547,305	717,180	1,072,223	606,892	1,061,010	17	79	149,169	996	471,662
258	Stationery goods, not elsewhere specified.	42	1,707,398	165,612	233,148	206,306	1,042,382	48	223	196,272	948	355,192
259	Steam fittings and heating apparatus	42	7,487,854	392,200	911,058	1,355,538	4,829,013	41	389	507,318	2,918	1,674,778
260	Steam packing	27	431,189	9,000	18,200	68,198	335,741	30	66	70,259	136	81,979
261	Stencils and brands	21	119,563		100	74,923	44,540	27	8	6,700	137	65,056
262	Stereotyping and electrotyping	36	769,208	8,300	8,500	341,724	410,684	41	89	86,939	709	434,508
263	Sugar and molasses, refining	14	64,020,999	7,336,972	5,577,606	11,655,173	39,451,248	20	352	541,475	3,275	1,877,320
264	Surgical appliances	55	348,274	11,900	21,100	118,712	196,562	52	55	44,865	286	125,304
265	Taxidermy	27	115,932	9,700	16,850	3,634	86,748	30	5	3,221	63	37,904
266	Tin andterne plate	4	245,679	20,100	44,300	85,179	146,000	2	23	23,430	55	25,399
267	Tin foil	12	1,879,427	103,500	1,003,600	473,427	298,900	11	37	46,461	469	187,998
268	Tinsmithing, coppersmithing, and sheet-iron working.	1,818	10,858,979	1,032,924	1,515,053	2,406,363	5,904,649	2,147	522	497,486	8,808	4,804,236
269	Tobacco, chewing, smoking, and snuff	42	1,757,687	116,550	160,883	250,019	1,230,235	38	137	188,629	1,020	345,704
270	Tobacco, cigars and cigarettes	3,055	20,733,667	1,035,796	1,374,625	1,227,535	17,095,711	3,423	1,259	1,563,307	20,051	11,157,020
271	Tobacco, stemming and rehandling	9	913,167	6,600	27,400	5,167	874,000	17	14	19,670	378	111,586
272	Tools, not elsewhere specified	77	2,022,806	66,700	107,082	287,464	1,561,560	95	75	57,613	556	274,322
273	Toys and games	49	609,746	25,300	60,850	194,955	388,611	60	39	48,088	582	211,651
274	Trunks and valises	88	1,140,680	42,000	79,000	115,126	904,534	110	125	101,696	1,178	582,452
275	Type founding	5	563,000			319,000	244,000	3	29	45,421	271	148,248
276	Typewriter repairing	11	11,306			5,530	5,776	8	7	10,540	32	23,499
277	Typewriters and supplies	21	3,782,014	150,513	347,786	919,422	2,364,293	7	157	178,651	1,848	1,083,939
278	Umbrellas and canes	117	1,639,306	41,600	55,500	179,839	1,362,807	159	200	161,712	1,629	626,823
279	Upholstering materials	49	633,224	39,240	50,500	139,814	403,070	63	66	51,736	690	253,876
280	Varnish	40	5,630,082	530,518	617,937	426,433	4,055,194	19	298	641,208	537	343,558
281	Vault lights and ventilators	8	78,600	2,500	4,000	82,600	39,500	10	5	9,180	98	50,000
282	Vinegar and cider	248	1,687,083	171,757	453,230	523,240	538,856	271	37	30,491	450	181,217
283	Washing machines and clothes wringers.	17	856,244	38,546	55,250	72,716	189,732	15	17	19,708	227	98,890
284	Watch and clock materials	4	18,408			10,600	7,868	2	1	411	9	3,221
285	Watch cases	13	2,582,472	110,500	205,412	497,303	1,769,257	10	69	106,358	1,075	630,752
286	Watch, clock, and jewelry repairing	1,778	1,841,473	129,433	193,716	517,747	1,000,497	1,863	66	36,178	1,293	751,691
287	Whalebone and rattan	3	56,200			4,200	52,000	3			14	7,850
288	Wheelbarrows	5	51,750	3,900	13,700	15,800	18,350	6	1	572	32	11,804
289	Whips	9	300,809	13,840	49,170	33,368	204,371	7	42	36,888	160	62,862
290	Window shades	58	2,180,556	149,080	244,387	468,789	1,324,320	67	36	114,162	646	253,380
291	Wire	3	96,135	1,500	6,000	42,894	45,741	3	7	5,014	45	19,428
292	Wirework, including wire rope and cable	109	2,100,226	158,173	283,190	510,303	1,148,560	126	109	107,489	1,276	586,426
293	Wood, turned and carved	191	928,408	51,515	106,550	337,308	433,035	220	46	35,663	952	520,121
294	Woodenware, not elsewhere specified	9	61,492	4,675	9,425	18,588	28,801	13	3	2,000	87	32,866
295	Wool hats	5	896,892	46,500	100,082	130,095	620,175	3	23	42,462	930	403,213
296	Wool pulling	5	114,510	46,600	81,400	6,960	29,550	7	1	600	59	34,866
297	Woolen goods	65	7,333,813	440,508	919,362	1,871,495	4,077,450	73	210	231,733	4,033	1,390,527
298	Worsted goods	7	8,839,399	515,170	802,700	1,868,341	5,623,179	8	134	267,367	3,726	1,201,228
299	All other industries ¹	44	12,017,831	1,084,745	2,162,493	4,191,827	5,475,766	31	294	528,796	5,091	2,159,274

¹ Embraces belting and hose, rubber, 1; bone, ivory, and lamp black, 1; brass, 1; brass and copper, rolled, 2; cardboard, 1; cars, street railroad, not including operations of railroad companies, 2; coke, 1; copper, smelting and refining, 1; cotton, cleaning and rehandling, 1; cotton waste, 2; graphite and graphite refining, 1; hammocks, 1; hooks and eyes, 1; iron and steel, pipe, wrought, 2; jute and jute goods, 2; lard, refined, 2; leather board, 1; linen goods, 2; millstones, 1; oakum, 1;

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.			
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.											
536	\$251,062			7	\$1,670	\$90,358	\$11,028	\$6,900	\$52,430	\$20,000	\$166,886	\$460,293	\$6,093	\$1,014,509	227	
34	20,160	143	\$40,822			62,949	19,349	886	19,244	13,470	188,120	187,058	1,062	400,054	228	
1,620	940,263	1	468	8	1,100	267,275	63,885	11,527	169,550	22,813	1,892,861	1,818,383	44,478	3,959,080	229	
1,009	532,876	1,062	291,033	42	8,199	817,510	53,367	12,818	217,605	33,720	2,997,686	2,939,503	58,073	5,303,824	230	
124	47,837	48	8,848	13	1,956	14,967	1,670	813	13,084		66,298	62,585	3,713	182,007	231	
1,928	1,000,943	95	27,032	11	1,721	328,832	185,500	13,189	129,443	700	2,095,875	2,059,879	35,996	4,790,992	232	
121	59,682			4	525	76,965	2,820	2,526	71,019		127,801	124,301	3,500	334,848	233	
1,137	509,436	133	32,106	9	1,367	329,701	21,671	19,099	288,161	800	958,302	952,298	306,064	2,636,691	234	
188	102,607	1	240			35,357	17,374	2,348	17,819	816	649,846	637,709	12,137	972,159	235	
251	122,140	22	6,434			20,479	2,320	3,625	11,131	3,400	209,353	195,580	13,773	433,835	236	
506	238,823			1	150	67,072	23,584	6,007	32,481		217,225	208,894	8,331	720,805	237	
118	45,489					6,845	2,180	885	3,780		49,271	47,626	1,645	156,637	238	
94	52,274	4	1,396			29,220	24,244	232	4,439	305	80,275	78,219	2,056	255,523	239	
75	40,672					22,522	6,810	71	15,131	510	48,682	46,885	1,797	196,006	240	
8,426	2,006,374	9	4,136	29	4,278	210,445	70,095	23,043	101,752	15,555	1,882,659	1,847,846	34,813	5,423,717	241	
2,100	1,164,415	2	936	6	1,820	98,970	15,400	23,984	34,636	25,000	1,238,338	1,211,553	21,785	3,223,654	242	
3,227	1,603,131	10,229	3,079,038	109	17,008	3,313,052	261,488	11,512	788,997	2,251,055	10,721,902	10,651,414	67,488	22,782,302	243	
137	58,695	28	6,781	2	263	18,122	2,440	1,131	14,548		310,783	300,440	10,343	443,529	244	
291	157,221	8	1,600	1	146	39,323	17,227	862	20,234	1,000	238,376	233,530	4,846	552,958	245	
3,149	1,509,660	4,299	1,298,875	413	58,283	1,601,527	182,323	27,587	512,228	879,389	6,570,037	6,473,751	96,286	12,706,246	246	
415	275,857	57	21,914	6	880	41,838	18,188	860	21,640	1,150	450,950	445,289	5,661	1,028,988	247	
1,072	619,093	66	40,570	29	10,750	250,793	58,955	15,339	173,519	3,000	1,244,948	1,228,131	16,817	2,754,532	248	
1,442	752,662	78	23,332	10	1,744	520,208	35,988	29,843	452,697	1,680	16,905,708	16,905,808	74,900	19,624,187	249	
1,567	1,068,292	1	804	1	100	754,826	78,227	41,601	633,799	699	33,542,478	33,461,208	81,270	37,807,106	250	
171	134,766					128,196	5,109	3,601	119,486		1,475,141	1,447,118	28,026	2,143,850	251	
1,442	701,505	410	95,917	168	23,918	2,020,165	98,860	30,924	1,885,944	4,437	7,853,624	7,749,501	101,123	12,833,645	252	
277	113,269	9	1,985	1	156	72,918	17,678	5,103	50,137		246,124	241,335	4,729	604,148	253	
185	91,843	278	41,957	12	2,850	30,114	12,901	1,407	14,031	1,775	146,880	141,878	5,002	438,877	254	
420	213,509					54,604	7,235	2,455	41,414	3,500	506,671	493,946	36,725	996,085	255	
2,463	1,076,663	794	216,115	253	28,124	400,484	37,810	18,382	338,442	5,850	2,794,022	2,710,541	83,481	5,581,519	256	
804	437,322	174	32,130	18	2,210	303,643	240	18,177	285,226		1,704,054	1,616,559	87,495	2,589,903	257	
514	219,004	427	134,875	7	1,313	247,984	36,352	5,759	200,073	5,800	894,506	882,963	11,543	2,141,758	258	
2,839	1,655,100	77	19,158	2	620	599,072	58,613	28,448	505,183	11,828	3,551,978	3,486,064	65,914	7,751,101	259	
133	81,281	2	510	1	208	67,509	8,854	1,033	57,542	80	303,739	301,017	5,722	633,823	260	
111	60,473	25	4,508	1	75	16,891	10,204	205	6,332	150	32,104	30,725	1,379	169,569	261	
637	416,848	66	17,123	6	1,037	112,911	42,460	1,502	60,849	8,100	229,263	208,899	20,364	1,093,696	262	
3,221	1,862,669	54	14,651			2,300,545	22,730	141,608	2,134,349	1,858	86,148,971	85,440,742	708,229	90,680,478	263	
142	83,201	141	41,655	3	448	178,434	21,698	705	144,481	6,550	166,355	162,742	3,613	663,139	264	
53	34,006	8	3,598	2	800	12,299	7,780	427	2,866	1,226	87,922	87,085	837	133,764	265	
55	26,399					14,058		1,161	12,897		366,409	363,934	2,475	463,199	266	
227	125,648	208	56,435	34	5,915	156,382	28,206	4,805	123,371		969,451	958,625	10,826	1,416,673	267	
8,106	4,690,220	603	157,488	99	16,578	1,108,080	406,879	44,836	605,819	52,046	8,371,058	8,209,279	161,779	18,096,192	268	
446	218,073	564	125,333	10	1,698	2,032,836	28,493	11,655	1,992,688		1,734,072	1,716,965	17,107	4,632,101	269	
15,342	7,688,913	10,513	3,441,573	196	26,534	10,655,023	694,794	59,729	9,885,709	14,791	17,380,949	17,291,763	89,186	49,023,479	270	
164	68,184	204	42,030	10	1,372	14,220	6,625	1,108	6,487		671,147	670,367	780	880,405	271	
498	254,826	55	18,851	3	645	84,340	15,195	3,621	55,184	10,340	238,103	228,534	14,540	893,509	272	
339	152,268	232	57,500	11	1,883	76,116	25,369	1,753	38,844	10,150	312,813	306,082	6,731	865,420	273	
1,108	563,778	59	17,394	11	1,280	149,904	87,613	3,099	58,242	950	1,540,802	1,533,310	7,552	2,923,140	274	
195	126,397	76	21,851			46,341	22,950	1,496	21,895		111,040	105,006	6,094	425,855	275	
32	28,499					4,236	2,930		1,306		12,342	12,023	319	54,942	276	
1,745	1,050,373	93	32,138	10	1,428	875,234	22,915	13,898	338,426		682,826	663,376	19,450	3,823,992	277	
723	359,363	890	266,147	11	1,313	276,559	93,506	1,730	164,643	26,680	3,329,816	3,311,496	18,350	5,259,019	278	
298	141,760	378	109,403	14	2,713	106,556	29,945	1,208	60,775	14,632	579,384	571,820	7,514	1,270,752	279	
515	335,003	21	8,300	1	195	537,238	13,202	26,204	497,332	500	3,954,088	3,908,448	45,640	6,334,407	280	
98	56,660					8,468	6,765	150	1,638		84,440	82,125	2,315	221,006	281	
429	177,879	18	8,461	3	377	63,418	5,866	5,713	61,339	500	749,955	721,302	28,653	1,347,365	282	
221	97,554	3	936	3	400	16,004	2,885	1,639	10,788	692	409,209	405,980	3,279	614,838	283	
9	3,221					1,850	703	125	1,022		1,593	1,436	157	9,307	284	
960	506,460	104	32,177	11	2,145	126,751	8,338	6,856	111,567		2,031,910	2,019,812	12,098	3,165,512	285	
1,186	727,906	42	13,791	65	9,991	400,082	287,165	5,040	78,346	29,531	696,193	669,816	26,377	3,208,963	286	
13	7,856	1	5000													

TABLE 8.—MANUFACTURES IN CITIES

ALBANY.

1	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries -----	1,566	\$21,328,764	\$2,607,764	\$3,817,985	\$4,564,761	\$10,338,254	1,703	918	\$1,016,805	12,389	\$6,111,059
2	Agricultural implements -----	3	180,500	500	5,500	76,500	98,000	3	10	10,190	54	26,600
3	Awnings, tents, and sails -----	6	30,235	2,100	1,600	3,335	23,200	8	1	350	12	5,861
4	Bicycle and tricycle repairing -----	15	26,543	500	1,000	8,345	16,698	16	2	268	17	7,774
5	Blacksmithing and wheelwrighting -----	59	123,730	19,450	26,550	25,255	52,475	63	6	820	102	64,501
6	Bookbinding and blank book making -----	6	24,537			13,980	10,557	6	1		47	22,055
7	Boot and shoe uppers -----	3	8,000			1,800	1,200	3			5	2,300
8	Boots and shoes, custom work and repairing -----	120	49,784	8,966	5,517	15,160	25,141	117			53	20,080
9	Bottling -----	4	58,800	6,600	24,000	6,900	20,800	4	4	3,512	29	12,862
10	Boxes, cigar -----	3	10,200			2,900	7,300	3	1	600	27	7,470
11	Boxes, fancy and paper -----	4	16,046			9,271	6,775	7	6	2,387	94	23,408
12	Bread and other bakery products -----	70	402,431	59,800	119,400	88,246	134,985	70	58	25,476	223	108,568
13	Brick and tile -----	5	143,000	43,000	13,500	15,500	71,000	6	3	2,400	80	33,000
14	Brooms and brushes -----	3	17,415	2,100	2,500	2,900	9,915	3	2	1,350	13	5,282
15	Carpentering -----	79	397,625	55,850	50,800	65,510	245,465	85	13	9,380	532	304,831
16	Carpets, rug -----	4	2,390			2,015	375	6				
17	Carriages and wagons -----	11	225,625	47,400	55,500	21,200	101,625	22	5	7,624	98	61,283
18	Cars and general shop construction and repairs by steam railroad companies -----	8	1,708,685	140,000	250,800	514,394	803,491	25	25	22,973	1,953	1,067,166
19	Clothing, men's, custom work and repairing -----	128	277,580	13,466	31,167	21,935	211,012	140	23	15,468	430	198,788
20	Clothing, men's, factory product -----	27	104,885	450	550	13,405	90,480	29	23	14,700	137	45,837
21	Clothing, women's, dressmaking -----	243	158,312	4,550	8,250	34,902	110,550	252			380	116,034
22	Clothing, women's, factory product -----	7	180,748	500	2,000	14,727	169,521	14	21	15,572	284	91,867
23	Coffee and spice, roasting and grinding -----	4	198,150	6,250	23,500	10,400	168,000	7	9	7,500	39	23,950
24	Confectionery -----	35	273,558	31,225	57,600	33,803	165,930	38	18	8,530	165	61,797
25	Cooperage -----	7	42,090	10,000	14,900	2,940	14,250	7			25	11,692
26	Dyeing and cleaning -----	9	23,490	5,900	11,100	3,950	2,540	9	1	364	19	6,481
27	Electrical construction and repairs -----	6	20,750			3,450	17,300	8			20	13,166
28	Electroplating -----	3	10,520	1,000	900	6,900	1,720	3	1	936	13	6,100
29	Engraving, steel, including plate printing -----	4	21,300			7,800	14,000	8	6	4,000	26	16,924
30	Fancy articles, not elsewhere specified -----	3	5,280			880	4,400	3			14	5,252
31	Flavoring extracts -----	6	11,925	1,000	2,000	1,850	7,075	6	3	750	8	2,058
32	Foundry and machine shop products -----	21	393,306	83,500	203,700	265,647	340,459	26	50	61,584	777	395,063
33	Fur goods -----	3	6,750	900	1,200	650	4,000	3			5	2,320
34	Furniture, cabinetmaking, repairing, and upholstering -----	32	114,285	9,450	19,500	11,135	74,200	36	8	3,800	56	33,071
35	Hats and caps, not including fur hats and wool hats -----	5	17,000			1,800	15,200	6			19	8,964
36	Hosiery and knit goods -----	4	423,938	11,302	15,000	93,787	303,849	3	5	3,836	376	112,589
37	Ironwork, architectural and ornamental -----	4	173,360	18,400	39,400	33,500	87,060	5	4	3,664	163	82,576
38	Liquors, malt -----	10	3,776,272	388,600	1,338,108	942,607	1,106,957	4	106	276,987	343	235,935
39	Lock and gun smithing -----	14	24,660	3,550	5,650	7,145	8,315	16			14	7,932
40	Looking-glass and picture frames -----	5	106,542	32,000	34,000	5,337	35,205	5	5	3,900	19	10,858
41	Lumber, planing mill products, including sash, doors, and blinds -----	9	413,050	31,000	89,800	103,500	188,750	12	11	9,520	236	112,549
42	Marble and stone work -----	5	9,950			950	9,000	5	1	500	21	12,000
43	Masonry, brick and stone -----	29	307,500	7,850	9,900	20,865	268,894	35	13	14,416	531	324,333
44	Millinery, custom work -----	33	55,527	2,000	7,000	5,845	70,682	40	31	8,449	119	41,106
45	Mineral and soda waters -----	9	57,000	4,500	9,000	14,500	29,000	10	7	5,200	22	10,808
46	Models and patterns -----	3	13,250			10,300	2,950	3			18	8,004
47	Monuments and tombstones -----	9	55,900	3,100	1,250	7,250	44,300	10	8	1,100	28	19,184
48	Mucilage and paste -----	3	62,679	5,500	18,600	15,600	22,979	1	8	6,820	22	9,050
49	Musical instruments and materials, not specified -----	3	6,600			3,300	3,300	4			6	4,200
50	Oil, not elsewhere specified -----	5	60,750	4,000	8,000	1,750	47,000	6	8	5,240	7	3,680
51	Optical goods -----	3	9,440			1,140	8,300	4	3	1,300	2	792
52	Painting, house, sign, etc -----	53	99,419	4,250	9,150	14,043	71,976	55	4	3,108	189	122,717
53	Paper hanging -----	8	35,305			965	34,340	7	1	600	41	29,992
54	Patent medicines and compounds -----	14	29,970	1,275	2,125	2,405	24,165	16	2	780	14	5,848
55	Paving and paving materials -----	6	96,100	15,500	16,100	28,000	36,500	7	10	6,800	139	53,715
56	Photography -----	13	35,030			18,000	17,030	13	2	864	22	12,536
57	Photolithographing and photoengraving -----	3	22,000			13,500	8,500	1	4	5,360	30	25,536
58	Plumbing, and gas and steam fitting -----	60	359,477	27,470	66,950	42,572	222,485	77	20	10,604	420	249,085
59	Printing and publishing, book and job -----	29	1,253,446	41,500	83,300	490,497	638,149	31	77	68,202	635	347,876
60	Printing and publishing, newspapers and periodicals -----	15	714,443	18,000	28,000	341,900	326,543	11	50	53,937	392	232,963
61	Roofing and roofing materials -----	9	53,675	3,000	5,000	7,050	38,625	10	4	3,600	81	41,102
62	Saddlery and harness -----	20	20,203			3,205	16,998	20			25	14,499
63	Shirts -----	7	307,974	20,000	70,000	20,221	197,753	9	8	10,504	446	147,653
64	Slaughtering and meatpacking, wholesale -----	6	113,653	4,500	9,500	9,455	90,198	7			30	14,864
65	Tinsmithing, coppersmithing, and sheet-iron working -----	16	16,197	500	1,000	4,255	10,442	17	2	900	23	13,103
66	Tobacco, chewing, smoking and snuff -----	3	133,190	5,000	11,033	11,056	106,096	2	15	16,436	90	40,238

BY SPECIFIED INDUSTRIES: 1900.

ALBANY.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
9,734	\$5,350,042	2,541	\$739,767	114	\$21,250	\$2,383,917	\$309,631	\$105,062	\$1,747,941	\$221,283	\$11,121,501	\$10,865,899	\$255,602	\$24,992,021	1
54	26,600					6,032	2,200	572	3,260		31,617	29,997	1,620	75,910	2
9	4,825	8	1,036			1,396	955	45	396		18,767	18,532	235	37,370	3
16	7,474			1	300	2,740	2,142	40	558		11,962	11,654	308	37,737	4
100	64,085			2	416	8,912	6,064	1,014	1,834		59,403	55,968	3,435	192,149	5
29	15,272	17	6,583	1	200	8,669	1,903	123	1,643		20,327	19,621	706	55,092	6
4	1,800	1	500			273	226		44	3	4,818	4,755	63	10,683	7
50	19,404	3	676			9,900	8,338	209	1,208	150	41,278	39,820	1,458	138,159	8
24	11,300	5	1,062			4,207	600	136	3,471		52,084	51,414	670	93,508	9
10	4,030	17	3,440			607	432		175		12,198	12,115	83	30,194	10
24	7,533	70	15,870			5,495	3,625		1,870		33,800	33,490	310	87,420	11
195	102,814	22	4,740	6	1,014	27,112	8,718	3,891	14,503		413,156	400,313	12,843	755,961	12
80	33,000					5,445	325	700	4,420		12,880	12,380	500	63,800	13
11	4,682	2	600			737	300	102	335		11,008	10,768	240	21,600	14
530	304,207			2	624	83,492	5,316	2,216	5,822	70,138	459,865	458,533	1,327	1,009,384	15
						528	318		210		695	615	80	3,200	16
98	61,283					5,447	1,316	2,095	2,036		58,366	56,005	2,361	168,975	17
1,945	1,061,682	8	2,474			26,531		7,000	18,531		1,445,069	1,425,971	19,098	2,560,666	18
337	168,658	87	24,032	6	1,043	44,806	31,808	1,365	5,924	5,709	306,922	303,885	3,037	747,842	19
42	20,832	93	24,845	2	160	13,441	3,863	70	1,933	7,575	91,135	89,595	1,540	209,075	20
12	7,752	367	108,204	1	78	26,172	19,895	332	5,945		123,806	118,599	5,207	439,896	21
37	21,570	247	70,297			11,273	6,600	125	3,625	923	191,065	190,025	1,040	369,177	22
37	23,430	2	520			9,017	400	901	7,516	200	242,935	241,329	1,606	320,300	23
95	45,601	68	15,096	2	500	20,388	9,937	2,059	8,322		245,866	242,842	3,024	437,814	24
25	11,592					1,157	60	451	613		30,401	30,340	55	58,251	25
10	4,155	9	2,326			2,338	720	448	1,170		7,578	6,686	892	27,980	26
20	13,166					2,463	1,718		745		31,135	30,981	154	60,922	27
12	6,000			1	100	558	420	38	100		3,149	2,524	625	17,150	28
13	12,621	10	3,676	3	624	3,085	1,685		1,400		9,356	9,300	56	35,146	29
2	1,248	12	4,004			820	450		870		3,345	3,285	60	11,438	30
5	1,916	2	512	1	200	1,247	602	47	598		12,669	12,619	50	22,877	31
747	385,563	30	9,500			35,078	3,360	5,735	18,682	2,301	311,624	284,703	26,921	949,248	32
1	280	4	2,040			2,556	320	15	121	2,100	8,645	8,570	75	20,000	33
54	32,271	2	800			9,560	5,471	1,070	2,819	200	40,535	39,562	978	119,739	34
10	6,232	9	2,732			1,031	776		255		22,141	21,898	243	47,000	35
61	30,159	312	82,430			24,247	2,200	535	21,512		315,822	314,283	1,539	500,914	36
163	82,576					11,404	72	1,354	9,978		92,590	89,772	2,818	218,582	37
341	235,597	2	338			1,061,877	200	30,069	1,031,108		527,657	492,648	35,009	2,478,991	38
14	7,932					2,655	2,057	162	436		11,455	11,076	379	82,696	39
19	10,858					2,502	718	1,130	654		33,708	33,346	362	55,167	40
221	109,125	4	1,240	11	2,184	16,023	3,000	2,107	8,416	2,500	223,997	223,427	570	415,044	41
21	12,000					855	620		235		9,910	9,875	35	30,905	42
531	324,328					24,662	2,120	452	14,890	7,200	747,388	745,539	1,849	1,211,226	43
1	468	115	40,048	3	590	14,950	14,950	125	5,576		102,090	101,354	742	233,889	44
22	10,808					3,487	816	292	2,379		23,496	23,161	335	66,550	45
18	8,004					305	255		50		13,689	13,654	35	33,207	46
27	18,781			1	400	4,957	896	116	1,245	2,700	33,270	32,715	555	79,415	47
12	6,750			10	2,300	2,671		425	2,246		17,332	16,862	470	44,750	48
6	4,200					710	410		300		51,008	50,705	243	71,150	49
7	3,680					4,952	655	666	3,631		54,800	54,626	234	89,167	50
1	428	1	864			3,425	2,325		1,100		29,575	29,385	240	40,519	51
188	122,535			1	182	7,784	4,800	325	2,539	120	60,371	59,816	555	268,797	52
41	29,992					3,534	2,744		790		23,007	22,907	153	69,199	53
11	5,423	3	425			3,118	1,000	85	2,033		10,726	10,341	385	35,522	54
139	53,715					20,753	25	495	17,033	3,200	52,265	49,215	3,050	180,338	55
17	10,506	5	2,080			7,935	6,375	52	1,487	21	14,962	14,631	331	51,485	56
30	25,556					3,672	1,265	7	2,400		9,653	8,743	910	49,716	57
418	248,785			2	300	25,682	10,359	1,751	13,177	895	481,078	476,455	4,623	937,868	58
524	236,840	148	49,014	13	2,022	181,168	47,513	2,132	27,778	103,745	332,316	325,508	6,808	1,244,810	59
390	221,595	30	11,036	2	332	58,416	5,364	1,795	40,454	10,803	143,343	132,487	10,856	692,124	60
78	40,502			3	600	3,995	2,248	175	1,422	150	41,091	40,529	562	111,489	61
25	14,499					3,429	2,882		547		17,239	16,869	370	52,487	62
44	19,552	399	127,581	3	520	16,925	1,450	1,727	12,748	1,000	153,411	152,144	1,267	469,058	63
30	14,364					13,007	2,325	320	10,362		344,029	342,764	1,265	899,468	64
23	13,103					2,374	2,048	19	307		22,776	22,492	344	58,492	65
78	36,238	14	4,000			100,154	1,344	343	98,467		64,696	63,184	1,512	257,519	66

TABLE 8.—MANUFACTURES IN CITIES

ALBANY—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
67	Tobacco, cigars and cigarettes	71	\$383,500	\$8,910	\$12,925	\$15,555	\$346,110	89	28	\$21,628	280	\$151,982
68	Toys and games	3	108,110	8,000	30,000	41,100	29,010	3	5	11,000	61	22,620
69	Watch, clock, and jewelry repairing	32	29,066	1,400	2,800	13,320	11,546	32	4	1,040	32	21,261
70	Wood, turned and carved	3	13,000	1,300	2,500	5,900	3,400	3			9	5,100
71	All other industries ¹	106	6,118,604	1,405,900	953,855	855,541	2,903,308	113	183	240,476	1,697	752,928

¹ Embraces artificial feathers and flowers, 1; axle grease, 1; bags, paper, 1; baking and yeast powders, 1; belting and hose, leather, 1; billiard tables and materials, 2; bluing, 1; boots and shoes, factory product, 2; boxes, wooden packing, 2; brass castings and brass finishing, 2; bridges, 1; buttons, 1; calcium lights, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 2; cleansing and polishing preparations, 1; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 1; cork, cutting, 1; corsets, 1; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 1; dye stuffs and extracts, 1; emery wheels, 1; engraving and diesinking, 2; engraving, wood, 1; felt goods, 1; files, 2; flouring and grist mill products, 2; foundry supplies, 1; furnishing goods, men's, 2; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; gold and silver, leaf and foil, 1; grease and tallow, 1; hardware, 2; hand stamps, 1; hardware, 1; house furnishing goods, not elsewhere specified, 1; ink, writing, 2; jewelry, 1; jewelry and instrument cases, 1; lasts, 1; leather, tanned, curried, and finished, 1;

AMSTERDAM.

1 All industries	213	\$10,119,879	\$508,241	\$1,219,204	\$2,537,060	\$5,765,374	237	197	\$223,221	6,769	\$2,680,359
2 Bicycle and tricycle repairing	3	1,140			400	740	3			2	890
3 Blacksmithing and wheelwrighting	18	24,570	10,460	6,590	3,050	4,470	20			15	7,015
4 Boots and shoes, custom work and repairing	7	1,040			715	325	8				
5 Bread and other bakery products	9	23,425	7,000	8,000	3,075	5,350	9			19	9,339
6 Brooms and brushes	7	444,622	42,400	75,943	103,474	222,805	12	26	24,347	203	139,392
7 Carpentering	13	23,965	2,960	1,650	8,315	11,100	14			42	28,880
8 Carpets and rugs, other than rag	3	3,500,901	56,000	406,305	744,583	2,854,012	3	46	67,397	2,173	800,027
9 Carriages and wagons	3	2,400			1,100	1,300	4			6	3,100
10 Clothing, men's, custom work and repairing	13	12,020			1,805	10,815	14	2	520	21	9,477
11 Clothing, women's, dressmaking	6	1,100			405	635	6			14	4,190
12 Confectionery	3	2,750			1,650	1,100	4			2	925
13 Foundry and machine shop products	11	559,790	56,000	35,000	177,500	291,290	15	9	18,837	278	1,12,754
14 Hosiery and knit goods	19	3,833,479	222,550	343,824	1,001,430	1,765,645	31	56	68,059	2,858	1,051,147
15 Lumber, planing mill products, including sash, doors, and blinds	3	65,305	11,000	10,800	13,100	30,405	6	2	1,565	36	16,868
16 Masonry, brick and stone	4	8,230	1,700	3,400	2,380	750	4			21	10,278
17 Millinery, custom work	3	18,850	5,000	10,000	300	3,550	5			8	2,800
18 Painting, house, sign, etc	6	9,645			750	8,895	7			15	7,045
19 Photography	3	8,400			4,800	3,600	3			4	1,700
20 Plumbing, and gas and steam fitting	6	46,434	4,300	8,000	5,700	28,434	8	2	750	34	20,460
21 Printing and publishing, book and job	3	7,300			5,000	1,700	4			9	3,008
22 Printing and publishing, newspapers and periodicals	3	56,400	1,800	8,200	40,700	5,700	3	4	8,016	28	15,482
23 Saddlery and harness	4	6,925	375	2,800	750	3,000	4			3	1,470
24 Tinsmithing, coppersmithing, and sheet-iron working	8	17,650			4,450	13,200	8			30	18,136
25 Tobacco, cigars and cigarettes	14	22,505	1,700	4,300	1,030	15,475	15			34	16,423
26 Watch, clock, and jewelry repairing	7	4,800			2,000	2,800	7			5	2,972
27 All other industries ¹	84	1,855,873	175,026	294,391	407,938	978,518	40	50	43,730	816	307,515

¹ Embraces bookbinding and blank book making, 1; boxes, cigar, 1; boxes, fancy and paper, 2; boxes, wooden packing, 1; brick and tile, 2; buttons, 2; corsets, 1; dyeing and finishing textiles, 1; flouring and grist mill products, 1; furniture, cabinetmaking, repairing, and upholstering, 1; gas, illuminating and heating, 1; hand stamps, 1; hats and caps, not including fur hats and wool hats, 1; liquors, malt, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; marble

AUBURN.

1 All industries	316	\$12,810,363	\$587,200	\$1,623,859	\$1,704,799	\$3,894,505	355	343	\$333,495	6,530	\$2,706,948
2 Agricultural implements	3	6,084,941	145,000	522,163	226,177	5,191,601	2	111	119,104	1,551	767,842
3 Bicycle and tricycle repairing	3	20,650	200	300	4,700	15,450	3			13	5,902
4 Blacksmithing and wheelwrighting	20	17,250	1,700	2,300	4,235	9,055	21			25	13,449
5 Boots and shoes, custom work and repairing	14	5,370	800	800	1,630	2,140	14			8	2,786
6 Bread and other bakery products	14	45,500	5,700	4,800	14,775	20,225	14	16	5,244	41	20,717
7 Carpentering	17	30,936	3,300	4,650	6,220	16,766	18	1	156	93	47,620
8 Carriages and wagons	6	46,068	4,000	12,700	4,914	24,454	6	2	582	19	8,050
9 Clothing, men's, custom work and repairing	11	15,758			1,085	14,673	12	2	1,650	33	11,905
10 Clothing, women's, dressmaking	24	14,622	500	500	2,330	11,292	26	1	117	78	16,856
11 Clothing, women's, factory product	6	187,409	18,000	14,500	7,300	152,609	8	14	9,512	184	41,788
12 Confectionery	7	10,850	500	2,000	3,475	4,875	9	2	600	7	2,250
13 Dyeing and cleaning	4	6,400	1,100	2,000	2,400	900	5	2	600	4	988
14 Flouring and grist mill products	8	127,500	26,000	30,000	28,000	43,500	5	1	700	15	7,344
15 Foundry and machine shop products	7	1,073,781	22,156	90,151	372,896	588,678	8	83	41,876	520	289,734
16 Furniture, cabinetmaking, repairing, and upholstering	6	11,195	1,800	4,700	910	3,785	9			8	4,464
17 Liquors, malt	4	599,068	41,000	368,000	114,768	75,300	4	11	17,650	44	29,875
18 Looking-glass and picture frames	4	11,775			575	11,200	3	6	2,179	7	3,118
19 Masonry, brick and stone	6	25,900	7,175	2,500	2,725	13,600	10	1	416	108	43,753
20 Millinery, custom work	13	46,144	1,100	3,400	525	41,119	15	7	2,180	60	11,554
21 Monuments and tombstones	3	6,900			550	6,350	6			9	6,100

BY SPECIFIED INDUSTRIES: 1900—Continued.

ALBANY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
221	\$134,760	55	\$16,532	4	\$690	\$58,128	\$9,330	\$404	\$18,394	-----	\$107,623	\$166,410	\$1,213	\$502,227	67
45	17,732	18	4,888	-----	-----	2,658	240	783	1,635	-----	21,844	20,388	1,456	77,456	68
29	20,796	2	340	1	125	5,655	4,552	75	1,028	-----	14,182	13,652	530	72,237	69
9	5,100	-----	-----	-----	-----	476	100	118	258	-----	6,946	6,633	313	16,725	70
1,320	653,851	345	93,336	32	5,741	303,658	36,515	26,221	240,772	\$150	2,477,437	2,404,618	72,789	4,714,139	71

lithographing and engraving, 1; malt, 2; mattresses and spring beds, 1; mirrors, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 2; paints, 2; paper and wood pulp, 1; paper goods, not elsewhere specified, 2; perfumery and cosmetics, 1; photographic materials, 1; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; regalia and society banners and emblems, 1; sausage, 1; saws, 1; scales and balances, 1; ship and boat building, wooden, 2; shoddy, 1; silversmithing, 1; slaughtering, wholesale, not including meat packing, 2; soap and candles, 1; stumped ware, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; stencils and brands, 1; stereotyping and electrotyping, 1; surgical appliances, 1; tools, not elsewhere specified, 1; typewriter repairing, 2; umbrellas and canes, 1; window shades, 2; wirework, including wire rope and cable, 2; wool pulling, 1.

AMSTERDAM.

3,904	\$1,722,464	2,694	\$309,464	171	\$48,431	\$584,010	\$36,889	\$32,564	\$494,223	\$20,343	\$3,424,315	\$6,313,755	\$110,560	\$11,502,316	1
2	890	-----	-----	-----	-----	550	408	-----	142	-----	1,645	1,615	30	5,500	2
15	7,015	-----	-----	-----	-----	1,346	1,083	144	119	-----	8,020	7,419	601	32,440	3
-----	-----	-----	-----	-----	-----	770	720	-----	50	-----	1,944	1,875	69	6,493	4
19	9,339	-----	-----	-----	-----	2,924	2,320	300	304	-----	50,080	48,630	1,450	75,820	5
292	137,932	-----	-----	1	400	25,055	1,658	23,397	-----	-----	330,908	330,077	3,921	602,933	6
42	28,880	-----	-----	-----	-----	3,975	181	121	173	3,500	47,170	47,060	110	91,535	7
1,280	550,805	816	296,147	77	13,075	106,642	8,297	98,345	-----	-----	1,751,585	1,728,677	22,008	3,408,589	8
6	8,100	-----	-----	-----	-----	488	360	30	98	-----	2,955	2,795	160	9,600	9
19	8,850	2	627	-----	-----	3,139	2,609	-----	580	-----	11,333	10,893	440	37,875	10
-----	-----	14	4,196	-----	-----	872	287	-----	85	-----	1,247	1,125	122	3,815	11
1	175	-----	-----	1	150	415	375	-----	40	-----	2,870	2,750	120	5,700	12
270	139,865	8	2,839	-----	-----	20,368	4,495	1,084	14,789	-----	155,710	148,788	6,922	432,786	13
1,637	441,883	1,762	580,500	59	28,764	251,418	9,288	13,162	244,620	14,318	2,516,287	2,481,846	34,441	4,259,138	14
36	16,868	-----	-----	-----	-----	2,020	-----	525	1,495	-----	37,891	37,493	398	60,505	15
24	10,278	-----	-----	-----	-----	207	90	57	60	-----	21,174	21,174	-----	36,500	16
-----	-----	8	2,800	-----	-----	1,473	309	150	1,014	-----	11,005	11,000	5	22,500	17
15	7,645	-----	-----	-----	-----	1,491	1,175	6	310	-----	6,886	6,749	137	26,338	18
2	1,000	1	500	1	200	1,125	708	-----	417	-----	3,160	3,035	65	9,090	19
34	20,460	-----	-----	-----	-----	2,533	1,232	25	976	300	40,613	40,125	518	79,260	20
6	2,392	-----	-----	3	676	609	500	-----	109	-----	2,662	2,481	181	12,400	21
27	15,326	-----	-----	1	156	1,905	520	145	1,161	70	7,029	6,461	568	56,414	22
3	1,470	-----	-----	-----	-----	581	336	48	197	-----	4,262	4,205	57	9,125	23
30	18,136	-----	-----	-----	-----	3,192	2,415	777	777	-----	31,885	31,445	440	62,500	24
34	16,423	-----	-----	-----	-----	7,256	1,787	175	5,294	-----	21,557	21,305	252	59,045	25
5	2,972	-----	-----	-----	-----	1,769	1,500	13	256	-----	1,745	1,595	150	11,372	26
705	280,700	83	21,805	28	5,010	112,396	4,191	6,624	99,465	2,116	1,343,572	1,307,077	36,495	2,077,743	27

and stone work, 1; mineral and soda waters, 2; monuments and tombstones, 2; needles and pins, 1; oil, linseed, 1; paper and wood pulp, 1; paper hanging, 2; shoddy, 2; slaughtering and meat packing, wholesale, 1; springs, steel, car and carriage, 1; woolen goods, 1.

AUBURN.

4,669	\$2,243,504	1,709	\$137,496	152	\$25,918	\$644,549	\$49,331	\$35,778	\$529,005	\$30,385	\$5,630,925	\$5,499,075	\$131,850	\$10,591,109	1
1,537	763,681	14	3,661	-----	-----	166,499	-----	10,227	156,272	-----	1,188,176	1,146,653	41,523	2,338,191	2
13	5,902	-----	-----	-----	-----	1,561	1,057	25	479	-----	7,205	7,052	153	22,100	3
25	13,449	-----	-----	-----	-----	2,857	2,474	51	832	-----	10,831	9,837	1,044	45,842	4
8	2,786	-----	-----	-----	-----	1,463	1,254	22	187	-----	6,812	6,672	140	15,537	5
37	19,706	2	725	2	286	3,761	2,346	84	1,321	-----	88,176	80,741	2,435	152,749	6
92	47,320	1	300	-----	-----	10,920	343	151	1,126	9,300	75,929	75,794	135	168,630	7
19	8,050	-----	-----	-----	-----	10,897	731	236	1,000	8,430	6,974	6,477	497	42,361	8
20	8,580	13	2,735	-----	-----	2,835	1,351	-----	984	-----	23,422	23,153	269	59,805	9
2	992	76	15,864	-----	-----	2,925	2,370	10	545	-----	26,832	26,722	110	65,004	10
7	3,626	177	88,162	-----	-----	2,232	974	414	844	-----	187,352	185,863	1,469	249,548	11
3	1,000	4	1,250	-----	-----	3,477	2,531	25	921	-----	17,919	17,689	230	39,464	12
4	988	-----	-----	-----	-----	820	480	40	300	-----	1,217	916	301	8,094	13
15	7,344	-----	-----	-----	-----	3,220	-----	1,120	2,100	-----	178,837	178,762	75	202,540	14
529	289,734	-----	-----	-----	-----	123,861	1,320	2,484	120,057	-----	518,694	511,959	6,735	1,110,982	15
8	4,464	-----	-----	-----	-----	1,236	764	95	887	-----	9,723	9,588	135	20,450	16
44	29,375	-----	-----	-----	-----	78,122	-----	2,670	70,452	-----	53,644	48,769	4,885	184,602	17
7	3,118	-----	-----	-----	-----	1,677	686	-----	991	-----	6,261	6,151	100	15,965	18
108	43,758	-----	-----	-----	-----	1,070	-----	104	966	-----	33,978	33,978	-----	98,770	19
-----	-----	50	11,554	-----	-----	8,738	5,632	126	2,880	-----	31,277	30,820	457	76,600	20
9	6,100	-----	-----	-----	-----	940	640	-----	300	-----	10,480	10,110	320	20,150	21

TABLE 8.—MANUFACTURES IN CITIES

AUBURN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple- ments.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
22	Painting, house, sign, etc	8	\$7,250			\$1,800	\$5,450	9	1	\$250	54	\$18,427
23	Photography	10	14,777	\$300	\$1,200	6,050	7,227	10			18	8,508
24	Plumbing, and gas and steam fitting	7	55,791	2,000	3,000	4,240	46,551	9	6	2,406	49	23,336
25	Printing and publishing, book and job.	6	23,350	250	1,500	16,400	5,200	6	1	300	21	6,338
26	Printing and publishing, newspapers and periodicals.	3	122,450	26,000	29,000	51,450	16,000	6	2	1,850	85	29,600
27	Saddlery and harness	7	95,709	1,300	4,500	19,376	70,533	8	6	5,302	40	17,171
28	Shirts	3	8,450	1,000	3,000	3,250	1,200	4	1	400	7	1,945
29	Tinsmithing, coppersmithing, and sheet-iron working.	8	17,435	2,500	4,000	4,150	6,785	15			27	14,145
30	Tobacco, cigars and cigarettes.	15	18,603	300	900	1,430	15,973	20			25	12,413
31	Watch, clock, and jewelry repairing	9	4,200	100	200	1,800	2,100	10			10	4,217
32	All other industries ¹	61	4,054,291	278,419	511,095	794,663	2,470,114	66	111	120,419	3,368	1,236,323

¹ Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 1; bottling, 2; boxes, fancy and paper, 2; brassware, 1; brick and tile, 1; brooms and brushes, 1; buttons, 1; carpets and rugs, other than rag, 1; cheese, butter, and condensed milk, factory product, 2; clothing, men's, factory product, 2; cordage and twine, 1; cutlery and edge tools, 1; electroplating, 1; files, 1; flavoring extracts, 1; fruits and vegetables, canning and preserving, 1; fur hats, 1; gas, illuminating and heating, 1; gloves and mittens, 1; grease and tallow, 2; hairwork, 1; hand stamps, 1;

BINGHAMTON.

1	All industries	594	\$9,295,850	\$707,736	\$1,086,719	\$2,549,843	\$4,951,561	663	517	\$400,442	6,106	\$2,461,084
2	Bicycle and tricycle repairing	12	27,411	2,000	4,800	5,066	15,545	16			17	7,534
3	Blacksmithing and wheelwrighting	24	23,138	4,350	3,800	5,720	9,268	30	1	600	24	13,878
4	Bookbinding and blank book making	3	6,500			5,000	690	3			6	1,895
5	Boots and shoes, custom work and repairing.	32	8,155	250	650	4,500	2,755	32			9	4,131
6	Bottling	3	25,100	3,000	8,000	4,700	9,400	3	1	624	10	4,200
7	Bread and other bakery products	11	139,477	11,000	13,800	71,140	43,537	12	9	10,781	81	38,694
8	Carpentering	40	103,710	10,175	15,525	19,850	58,160	49	2	1,512	303	212,184
9	Carriages and wagons	9	330,738	36,800	42,600	25,949	225,889	7	16	19,116	133	89,645
10	Cheese and butter, urban dairy products.	4	8,221	50	250	1,375	1,546	3			2	780
11	Clothing, men's, custom work and repairing.	47	52,278	250	275	6,708	44,955	51	4	3,191	77	34,128
12	Clothing, men's, factory product	6	735,682	85,000	57,000	53,755	539,927	10	67	49,742	662	183,187
13	Clothing, women's, dressmaking	66	19,065	950	2,720	6,950	8,445	70			142	35,010
14	Confectionery	7	12,800			5,700	7,100	10	2	850	16	6,306
15	Flavoring extracts	3	20,119	500	1,151	1,823	16,645	3	5	4,783	10	3,116
16	Flouring and grist mill products	6	226,960	46,060	19,500	43,000	113,460	4	12	12,270	33	15,408
17	Foundry and machine shop products	11	623,359	52,965	88,283	101,432	385,709	9	32	27,982	236	117,267
18	Furniture, cabinetmaking, repairing, and upholstering.	7	13,775	400	700	6,000	6,675	5	7	5,625	18	8,464
19	Furniture, factory product	3	315,926	20,000	65,000	53,500	177,426	5	21	22,400	398	165,782
20	Gloves and mittens	3	12,926	300	250	1,819	10,557	5			20	6,337
21	Liquors, malt	3	247,960	16,350	55,650	111,500	64,460	3	12	13,008	25	14,006
22	Lock and gun smithing	4	4,800			2,400	1,900	5			3	1,368
23	Looking-glass and picture frames	4	7,625	200	300	6,575	6,550	4	6	2,300	8	2,832
24	Lumber, planing mill products, including sash, doors, and blinds.	5	568,194	74,000	68,072	68,360	357,762	10	32	21,203	271	117,838
25	Marble and stone work	4	34,000		1,600	8,600	23,740	3	5	3,604	41	25,692
26	Masonry, brick and stone	12	28,020	770	1,035	8,050	18,165	14	2	1,218	155	94,177
27	Millinery, custom work	17	88,670	5,000	2,000	2,220	29,450	18	4	2,800	66	19,327
28	Mineral and soda waters	6	30,880	2,000	8,100	11,500	9,230	8			8	3,415
29	Painting, house, sign, etc.	21	9,407	400	300	3,475	5,232	24	1	250	61	29,815
30	Patent medicines and compounds	13	647,252	10,900	31,100	19,865	585,387	19	30	15,006	102	35,002
31	Perfumery and cosmetics	8	92,442	35,000	10,000	15,030	32,412	2	6	5,600	12	4,334
32	Photography	8	18,156			7,645	10,511	10	2	772	8	3,286
33	Plastering and stucco work	4	2,200	450	550	725	475	4			5	2,624
34	Plumbing, and gas and steam fitting	17	188,841	14,000	30,000	12,048	132,793	23	14	6,971	84	64,001
35	Printing and publishing, book and job.	11	32,400	2,000	2,000	21,900	6,500	11	1	1,000	18	5,656
36	Printing and publishing, newspapers and periodicals.	6	228,954	12,000	28,000	125,036	63,918	4	29	19,232	82	48,807
37	Saddlery and harness	9	31,200	850	950	2,425	26,975	9	2	1,500	20	8,730
38	Shirts	5	32,022	800	250	7,000	24,472	7	8	3,670	73	17,685
39	Tinsmithing, coppersmithing, and sheet-iron working.	10	30,705	1,500	2,000	8,080	19,175	10			28	15,488
40	Tobacco, chewing, smoking, and snuff	3	4,101			1,200	2,901	4	3	3,000	18	2,500
41	Tobacco, cigars and cigarettes	53	1,042,924	59,500	86,050	56,865	840,509	66	70	113,824	1,446	401,618
42	Watch, clock, and jewelry repairing	14	9,480			5,130	4,350	14			14	5,493
43	All other industries ¹	66	3,265,716	198,966	439,458	1,625,227	1,002,065	64	108	116,002	1,306	509,144

¹ Embraces agricultural implements, 1; awnings, tents, and sails, 1; baking and yeast powders, 1; boots and shoes, factory product, 2; boxes, cigar, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brassware, 1; brick and tile, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese, butter, and condensed milk, factory product, 2; chemicals, 2; china decorating, 1; clothing, men's, factory product, buttonholes, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; combs, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; envelopes, 1; fancy articles, not elsewhere specified, 1; fur goods, 2; fur hats, 1; gas, illuminating and heating, 1; glass, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

AUBURN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
54	\$18,427					\$1,466	\$480		\$986		\$12,620	\$12,575	\$45	\$52,644	22
13	7,001	5	\$1,507			3,840	1,930	\$28	1,322	\$560	9,526	9,046	480	32,575	23
47	22,984	1	192	1	\$160	2,673	1,792	78	803		70,998	70,568	430	121,659	24
10	3,640	11	2,698			1,361	830	35	496		8,099	7,499	600	25,325	25
41	19,700	43	9,700	1	200	3,880	120	1,214	2,377	169	18,968	12,738	1,230	95,750	26
34	15,782	6	1,889			5,620	2,057	248	3,315		40,249	38,970	1,279	86,908	27
2	720	5	1,225			347	110	50	187		3,228	3,110	118	6,530	28
27	14,145					1,639	1,001	55	583		41,924	41,617	307	89,123	29
23	12,029	2	384			6,658	1,346	26	5,286		20,703	20,522	181	52,784	30
10	4,247					1,240	1,020	3	217		3,900	3,850	50	13,400	31
1,921	864,861	1,299	346,160	148	25,302	192,724	13,752	16,157	150,889	11,926	2,976,981	2,910,884	66,097	5,085,917	32

hardware, 1; iron and steel, 2; iron and steel, forgings, 2; lime and cement, 1; lumber, planing mill products, including sash, doors, and blinds, 2; malt, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 1; musical instruments, pianos and materials, 1; optical goods, 1; paints, 1; patent medicines and compounds, 1; paving and paving materials, 2; roofing and roofing materials, 1; sausage, 1; silk and silk goods, 1; sporting goods, 1; tools, not elsewhere specified, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; wood, turned and carved, 2; woolen goods, 2.

BINGHAMTON.

3,970	\$1,878,395	2,113	\$579,134	23	\$3,555	\$1,040,419	\$86,397	\$29,385	\$893,400	\$31,237	\$5,339,365	\$6,231,353	\$103,012	\$12,638,547	1
16	7,331	1	200			1,616	1,078	120	318	100	13,916	13,397	549	29,759	2
24	13,878					3,225	2,782	99	344		11,492	10,576	916	52,821	3
2	1,079	4	816			575	332	5	238		1,308	1,206	102	5,292	4
9	4,181					2,149	1,991	13	145		9,545	9,171	374	31,701	5
10	4,200					3,469	378	40	3,051		17,313	17,263	50	30,539	6
73	36,258	8	2,436			16,900	5,098	576	11,226		149,206	145,104	4,102	245,858	7
303	212,184					16,568	2,230	299	4,708	9,331	300,560	299,425	1,135	644,800	8
187	88,251	6	1,304			13,606	655	946	11,930	75	166,829	164,324	2,505	313,511	9
1	650	1	130			379	315	5	59		9,090	9,548	142	12,512	10
45	23,224	32	10,904			27,877	6,862	92	1,843	19,080	60,570	59,684	886	174,409	11
65	29,894	597	153,293			60,790	3,390	3,129	54,271		697,145	692,440	4,705	1,079,783	12
1	576	140	34,330	1	104	6,226	4,994	50	1,182		7,941	6,791	1,150	86,725	13
12	5,144	4	1,162			1,767	1,535		232		33,999	33,488	511	48,926	14
5	2,076	5	1,040			6,148	825	23	5,800		51,601	51,511	90	68,839	15
33	15,408					10,919	500	1,148	9,271		1,030,981	1,014,369	16,612	1,422,925	16
236	117,267					36,681	793	1,639	34,014	200	137,088	132,540	4,548	396,240	17
17	8,364	1	100			1,658	810	9	839		18,277	17,862	415	40,982	18
378	160,872	17	4,400	3	510	5,703	1,000	958	3,745		191,557	186,407	5,150	461,681	19
10	3,351	10	3,286			253	145	6	102		24,046	23,971	75	36,263	20
25	14,006					78,718		1,254	77,464		45,148	41,835	3,313	181,810	21
3	1,368					528	466		62		1,118	937	181	7,270	22
7	2,632	1	200			488	340	9	139		10,804	10,724	80	20,400	23
271	117,838					40,364	720	3,724	35,920		404,532	400,857	3,675	652,191	24
41	25,692					3,679	420	15	3,244		39,880	39,100	780	87,019	25
155	94,177					2,957	362	25	2,570		176,143	175,793	350	291,174	26
		66	19,327			6,445	5,053	85	1,307		62,967	62,672	295	113,819	27
8	3,415					5,003	1,210	101	3,697		8,114	7,969	145	26,700	28
61	29,815					2,079	1,060	16	193	810	13,428	13,308	120	63,248	29
40	15,514	62	19,488			130,679	864	737	129,078		228,819	227,488	1,331	339,162	30
11	4,034	1	300			3,103	135	790	2,178		40,796	39,797	999	59,511	31
4	1,758	4	1,528			2,728	2,132		596		6,342	6,117	225	21,078	32
5	2,621					90	24	14	52		3,920	3,910	10	10,600	33
84	51,001					7,199	3,833	460	2,766	600	159,598	158,420	1,178	276,487	34
12	4,640	1	275	5	741	2,030	1,238	56	786		9,195	8,463	742	28,682	35
78	47,303	3	1,404	1	100	11,310	4,130	1,105	6,075		44,005	41,849	2,156	224,124	36
19	8,380	1	850			1,194	1,028	7	159		21,863	21,477	391	39,164	37
5	2,240	68	15,445			1,937	950	10	977		33,985	33,522	463	71,124	38
28	15,488					2,704	1,690	182	892		28,631	28,132	399	56,994	39
12	2,230	1	270			5,423	618	23	4,782		4,050	3,844	206	12,975	40
553	224,224	893	267,394			391,673	12,322	1,942	377,403		503,219	500,866	2,353	1,951,842	41
14	5,493					2,721	2,556	26	139		2,778	2,665	113	20,213	42
1,107	467,882	186	39,662	13	2,100	120,793	9,978	9,657	100,117	1,041	1,557,031	1,512,541	44,490	2,679,494	43

glass, cutting, staining, and ornamenting, 1; hairwork, 1; hardware, 1; house furnishing goods, not elsewhere specified, 1; leather, tanned, curried, and finished, 1; lithography and engraving, 1; mattresses and spring beds, 2; models and patterns, 2; monuments and tombstones, 2; musical instruments, organs and materials, 1; optical goods, 1; paper and wood pulp, 1; roofing and roofing materials, 2; sausage, 2; scales and balances, 2; stencils and brands, 1; stereotyping and electrotyping, 1; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1; wool hats, 1.

TABLE 8.—MANUFACTURES IN CITIES

BUFFALO.

1	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	3,902	\$103,939,655	\$11,658,369	\$15,563,836	\$31,705,763	\$45,011,697	4,280	4,184	\$3,680,491	43,422	\$19,915,817
2	Awnings, tents, and sails	8	34,162			5,245	28,917	11	8	825	50	19,650
3	Baking and yeast powders	8	25,975	1,500	2,000	1,800	20,675	9	9	3,924	10	2,792
4	Baskets, and rattan and willow ware	4	18,080	300	20	1,060	16,700	4	1	1,600	15	6,352
5	Belt and hose, leather	3	149,675			20,961	128,714	5	10	6,525	21	8,711
6	Bicycle and tricycle repairing	114	106,396	2,375	3,900	41,292	58,829	126	7	4,937	102	45,151
7	Bicycles and tricycles	14	1,063,957	111,715	187,503	238,535	556,204	11	65	69,844	597	264,476
8	Blacking	6	75,589	1,400	7,024	6,200	60,965	7	26	22,879	48	10,120
9	Blacksmithing and wheelwrighting	157	339,805	93,040	82,600	50,853	113,312	167	4	2,520	242	148,739
10	Bluing	3	2,700	900	950	110	800	3			2	1,000
11	Bookbinding and blank book making	8	51,951	8,500	3,500	21,512	18,439	9	6	4,240	102	39,896
12	Boots and shoes, custom work and repairing	227	111,158	25,947	19,475	30,771	34,965	226	2	1,162	75	32,170
13	Boots and shoes, factory product	17	540,398	7,500	13,550	116,161	403,187	19	69	59,063	725	192,439
14	Bottling	14	147,965	8,300	6,500	20,591	112,574	15	11	8,156	41	17,886
15	Boxes, cigar	3	24,780	6,900	3,500	4,900	9,480	8			25	7,200
16	Boxes, fancy and paper	9	145,673	6,000	6,000	54,040	79,033	18	12	9,552	374	76,845
17	Boxes, wooden packing	6	300,544	11,500	36,200	69,053	183,791	8	16	9,872	373	99,452
18	Brass castings and brass finishing	7	47,182	2,000	1,000	19,492	24,690	8	2	1,326	32	15,723
19	Bread and other bakery products	154	1,946,937	282,500	333,708	856,561	474,230	163	129	90,079	1,003	413,025
20	Brick and tile	6	677,955	320,150	99,900	137,800	120,105	12	7	4,974	222	92,859
21	Bridges	5	804,735	10,000	22,939	112,579	159,217	5	20	28,306	334	116,321
22	Brooms and brushes	10	66,259	16,700	19,300	5,223	25,036	13	2	704	39	15,783
23	Carpentering	179	993,913	232,109	214,250	98,065	448,919	199	20	10,169	1,184	648,531
24	Carpets, rug	12	20,646	2,906	1,775	11,565	4,400	13	2	422	25	7,975
25	Carriage and wagon materials	3	250,300	20,000	15,000	51,500	164,300	1	16	20,500	131	54,181
26	Carrriages and wagons	58	1,387,426	327,005	253,713	196,887	609,161	65	35	21,980	456	255,200
27	Cars and general shop construction and repairs by steam railroad companies	11	1,968,332	279,072	374,080	540,267	774,913		87	68,857	3,686	1,729,837
28	Chemicals	4	1,558,880	140,179	175,853	499,403	743,445		26	59,560	125	71,119
29	China decorating	3	2,940			340	2,600	3				
30	Clothing, men's, custom work and repairing	452	1,251,059	181,486	247,650	92,839	729,085	490	53	37,675	1,536	607,718
31	Clothing, men's, factory product	119	1,703,661	42,250	96,550	69,893	1,554,968	141	90	87,578	1,485	450,111
32	Clothing, men's, factory product, buttonholes	4	7,475	1,500	1,800	3,375	800	4			27	8,730
33	Clothing, women's, dressmaking	303	190,056	20,100	28,800	33,250	102,906	315	10	9,018	785	190,919
34	Clothing, women's, factory product	10	75,681			11,482	64,199	13	9	4,602	258	57,289
35	Coffee and spice, roasting and grinding	12	231,400	37,500	69,000	14,400	110,500	21	18	16,600	16	5,915
36	Confectionery	85	469,684	14,300	12,675	132,522	300,187	48	96	56,630	558	139,211
37	Cooperage	35	265,445	56,275	47,760	47,840	113,580	41	7	8,200	353	183,069
38	Corsets	7	4,700			1,580	3,120	7	3	200	12	3,428
39	Cotton small wares	3	104,308	7,500	17,000	31,760	48,048	5	8	5,300	98	22,759
40	Dentists' materials	3	12,785			3,812	8,973	1	2	2,100	11	4,684
41	Druggists' preparations, not including prescriptions	3	107,256			5,256	102,000	1	10	18,700	27	6,970
42	Dyeing and cleaning	16	48,257	12,310	12,100	14,728	9,119	17	2	1,248	56	26,257
43	Electrical apparatus and supplies	8	125,660	8,500	5,500	19,105	92,555	7	10	8,230	50	19,943
44	Electrical construction and repairs	13	88,681			11,001	77,680	20	23	10,189	86	45,624
45	Electroplating	9	14,725			9,400	5,325	13	1	240	19	8,970
46	Enameling and enameled goods	5	7,925	1,800	2,800	1,800	1,525	6			18	7,440
47	Engraving and diesinking	6	56,725			30,799	25,926	6	6	2,240	52	17,652
48	Fancy articles, not elsewhere specified	10	20,850	500	400	4,600	15,350	10	1	600	29	9,935
49	Flavoring extracts	6	53,600	6,500	10,000	4,100	33,000	5	8	5,570	15	5,882
50	Flouring and grist mill products	9	1,593,589	384,573	330,978	995,200	479,838	11	37	48,937	195	112,331
51	Food preparations	5	464,700	84,300	175,400	89,800	115,200	5	34	18,640	193	66,258
52	Foundry and machine shop products	86	8,613,240	885,751	863,107	2,355,711	4,508,671	90	353	308,150	3,694	1,988,906
53	Fur goods	13	62,622			2,790	59,832	15	5	2,178	47	17,115
54	Furniture, cabinetmaking, repairing, and upholstering	54	92,971	18,450	19,875	9,939	49,707	60	3	1,850	117	59,924
55	Furniture, factory product	18	2,329,454	141,700	303,705	490,958	1,393,091	25	78	84,474	1,126	453,886
56	Glass, cutting, staining, and ornamenting	7	58,815			17,166	41,649	7	11	11,570	89	38,362
57	Gloves and mittens	4	63,666			7,704	55,962	3	19	12,898	54	18,844
58	Grease and tallow	4	81,600	25,700	28,000	10,000	17,900	4	3	2,000	9	4,217
59	Hairwork	6	12,825			375	12,450	6			21	5,394
60	Hand stamps	5	27,543			10,833	16,710	6	1	900	16	5,972
61	Hardware	4	328,738	10,000	41,144	70,941	206,656	5	25	21,550	406	163,539
62	Hats and caps, not including fur hats and wool hats	6	21,350			8,850	18,000	9			57	16,466
63	Instruments, professional and scientific	4	135,465			36,653	98,812		18	22,592	58	30,517
64	Iron and steel	3	1,631,289	65,000	514,696	337,619	713,974		32	49,036	871	541,893
65	Ironwork, architectural and ornamental	7	305,060	34,132	32,928	60,971	177,029	6	18	17,203	188	85,526
66	Jewelry	10	322,029			29,816	292,713	13	18	32,585	173	87,277

BY SPECIFIED INDUSTRIES: 1900—Continued.

BUFFALO.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
36,252	\$18,432,353	6,606	\$1,408,828	564	\$74,686	\$9,559,245	\$963,661	\$416,299	\$7,579,805	\$509,480	\$78,359,466	\$71,774,498	\$1,584,068	\$122,280,061	1
80	14,263	20	5,387			6,999	4,258		2,741		38,055	37,617	438	84,123	2
6	1,906	4	856			1,863	1,430	88	345		28,915	23,745	170	48,720	3
14	6,052	1	300			2,168	1,658	10	500		9,500	9,265	235	25,500	4
21	8,711					8,022	3,900		4,122		80,468	88,181	1,287	130,882	5
97	44,497	1	200	4	454	18,694	15,802	75	2,707	610	106,442	103,600	2,942	207,111	6
585	261,576	12	2,900			117,009	6,398	4,278	106,338		596,761	583,113	13,648	1,222,602	7
6	2,408	41	7,556	1	156	13,201	2,040	146	11,015		64,889	64,409	480	134,519	8
240	148,329			2	410	25,658	19,388	2,540	3,725		133,408	123,589	9,819	486,384	9
1	500	1	500			215	170	45			8,085	3,025	60	7,300	10
51	29,294	50	10,446	1	156	6,273	2,339	250	2,369	1,315	15,707	15,179	528	80,954	11
72	31,590	2	510	1	70	20,718	18,007	589	2,122		80,793	77,757	3,036	257,883	12
430	149,971	250	37,888	36	4,580	36,926	6,840	204	29,882		571,450	564,934	6,516	890,493	13
40	17,786			1	100	11,273	4,238	457	6,578		180,279	179,477	802	250,106	14
12	4,780	13	2,420			1,059	480	175	404		10,579	10,129	450	23,983	15
55	30,900	310	45,023	9	922	19,853	8,270	103	11,480		101,341	100,402	939	237,504	16
351	96,680			22	2,772	20,921	7,706	695	12,520		350,306	349,481	825	531,117	17
31	15,648	1	175			3,616	1,904	75	837	800	40,432	38,909	1,523	75,196	18
728	366,910	270	45,366	5	749	233,089	35,589	12,720	184,780		1,412,693	1,375,449	37,244	2,648,417	19
218	92,238			4	621	27,763		11,001	16,762		58,947	11,909	26,438	202,982	20
334	116,321					10,146	550	1,010	7,086	1,500	293,106	288,454	4,652	526,000	21
88	15,685	1	98			1,491	410	458	623		43,102	42,685	467	81,550	22
1,184	648,581					180,236	9,450	4,885	21,863	150,058	1,440,802	1,437,760	3,012	2,720,751	23
17	6,475	8	1,500			5,519	1,784	87	3,548	100	3,255	2,813	442	26,911	24
106	43,988	25	10,193			29,675	650	830	28,195		252,683	250,700	1,983	366,100	25
455	254,960	1	300			62,194	10,864	5,149	45,276	905	375,195	365,548	9,647	1,021,194	26
3,675	1,726,721	11	3,116			45,080		14,521	30,559		2,667,553	2,636,237	31,816	4,518,333	27
125	71,119					29,036	900	3,596	24,590		1,109,559	1,072,391	37,168	1,939,378	28
907	451,421	624	155,843	5	454	369	328		41		1,801	1,685	116	3,500	29
425	249,090	1,047	190,495	13	1,526	193,423	86,583	6,484	56,007	44,349	1,007,570	995,508	12,062	2,631,241	30
15	6,760	12	1,970			425	250	65	110		3,065	3,520	145	17,055	32
49	34,040	731	156,529	5	350	44,998	33,867	847	9,474	210	224,230	217,753	6,477	713,850	33
20	12,807	237	44,297	1	185	37,817	2,635		35,212		143,212	142,250	962	273,249	34
11	4,795	5	1,120			7,214	4,253	730	1,623	605	169,458	167,298	2,160	241,603	35
244	91,271	303	47,197	11	743	62,212	29,069	605	32,688		784,885	774,951	9,934	1,211,759	36
351	184,614			2	455	13,433	4,605	1,527	7,301		311,591	309,095	2,496	631,498	37
35	14,335	12	3,428			1,686	1,427		159		6,223	6,077	148	18,481	38
9	8,984	63	8,424			5,780	1,350	180	4,250		61,874	60,974	900	151,000	39
8	8,796	1	500	1	150	1,801	354		447	1,000	2,339	2,234	105	19,228	40
		19	3,174			13,643	1,876		11,767		29,162	28,837	315	77,236	41
34	18,657	20	7,300	2	300	6,629	3,465	382	2,782		10,540	8,700	1,840	78,971	42
50	19,943					19,999	2,710	155	17,134		75,714	74,609	1,105	161,188	43
82	44,908			4	618	9,147	4,128		5,019		148,752	148,107	645	278,965	44
19	8,970					2,519	2,167	4	348		6,620	6,009	611	29,015	45
17	7,190	1	250			553	446	57	50		1,886	1,466	420	16,047	46
41	15,717	4	850	7	1,085	6,083	2,432		3,651		16,826	16,059	767	60,545	47
5	2,305	24	7,630			3,236	2,160	12	564	500	19,050	18,930	120	44,095	48
8	3,530	7	2,052			4,705	1,038	450	3,217		37,272	36,914	358	77,300	49
195	112,331					71,868	512	13,988	57,370		2,932,191	2,902,064	30,127	3,263,697	50
78	42,010	115	24,248			20,904	138	2,162	18,604		770,807	766,169	4,638	1,454,130	51
3,656	1,978,368	22	7,349	16	3,189	504,650	80,162	30,699	385,593	8,196	3,069,198	2,931,230	137,968	6,816,057	52
11	6,612	36	10,503			11,410	8,042		3,398		43,768	43,440	328	107,085	53
107	55,091	9	1,700	1	133	13,135	9,838	503	2,794		65,995	64,488	1,507	179,752	54
1,082	445,755	14	4,099	30	4,032	81,676	11,060	7,104	63,512		720,105	709,117	10,988	1,644,671	55
58	29,191	31	9,171			4,458	3,060		1,398		52,781	52,111	670	131,631	56
25	10,820	28	7,934	1	90	2,336	1,406		330		55,126	54,437	689	106,000	57
9	4,217					1,838		617	721		52,201	51,133	1,068	71,029	58
1	936	20	4,458			2,678	1,600		978		9,994	9,815	179	23,779	59
14	5,478	2	494			3,420	1,070		850	1,500	6,382	6,195	187	26,200	60
370	155,453	86	8,086			16,418	1,680	875	13,863		258,304	255,159	3,145	412,036	61
20	8,644	37	7,842			3,126	2,786		390		27,186	26,610	576	37,794	62
48	28,201	10	2,416			9,791	2,450	491	6,850		14,747	13,982	765	108,178	63
834	534,153	34	7,308	3	432	130,008	30,020	7,580	92,408		1,629,168	1,099,717	529,451	2,624,547	64
188	85,526					33,886	1,804	1,060	7,407	24,065	425,524	421,540	3,984	648,480	65
152	81,509	16	5,168	5	600	12,065	4,786	250	5,529	1,550	194,410	193,335	1,025	413,845	66

TABLE 8.—MANUFACTURES IN CITIES

BUFFALO—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.			Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
				Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
												Average number.	Wages.
67	Jewelry and instrument cases	4	\$43,200			\$9,750	\$33,450	7	11	\$7,036	107	\$30,864	
68	Lasts	3	30,558			17,434	12,924	3			26	13,368	
69	Leather goods	5	69,590			11,000	58,590	4	5	4,600	45	12,371	
70	Leather, tanned, curried, and finished	3	1,295,095	\$107,800	\$183,900	108,825	894,570	10	9	7,850	561	219,652	
71	Lime and cement	6	398,161	82,112	49,921	88,427	177,701	5	18	20,600	187	74,181	
72	Liquors, malt	18	9,135,343	1,051,633	2,709,897	1,772,977	3,600,926	5	170	209,261	560	410,704	
73	Lithographing and engraving	7	831,957	90,000	67,600	384,452	339,905	11	89	66,145	472	249,244	
74	Lock and gun smithing	23	23,420	1,750	1,050	10,495	10,125	29			23	11,674	
75	Looking-glass and picture frames	25	101,660	7,450	6,000	19,522	68,688	30	2	1,855	82	31,045	
76	Lumber, planing mill products, including sash, doors, and blinds.	22	2,851,650	408,986	322,535	466,574	1,653,555	29	66	51,554	1,573	675,473	
77	Malt	16	2,394,179	369,125	676,850	256,403	1,091,801	15	35	41,106	205	123,116	
78	Marble and stone work	11	793,568	403,572	56,197	62,797	281,002	8	26	32,065	396	216,006	
79	Masonry, brick and stone	89	1,067,972	185,691	115,020	183,594	583,667	104	38	22,095	1,285	695,163	
80	Mattresses and spring beds	8	186,023			22,589	164,040	6	27	25,657	129	47,526	
81	Millinery, custom work	69	227,404	29,575	31,650	11,889	154,290	80	49	13,594	285	74,438	
82	Mineral and soda waters	20	203,238	18,785	16,150	106,710	61,598	17	28	27,397	98	45,156	
83	Models and patterns	6	10,906			7,175	3,731	7			15	12,345	
84	Monuments and tombstones	11	117,851	50,000	16,900	7,851	43,100	14	5	5,220	84	48,528	
85	Mucilage and paste	3	26,315	5,000	6,000	7,015	9,800	7	1	250	11	3,183	
86	Oil, linseed	5	1,786,809	243,786	216,653	603,493	722,877	5	50	93,494	222	112,475	
87	Optical goods	6	20,411			6,200	14,211	8	6	2,860	21	9,195	
88	Painting, house, sign, etc	140	269,318	44,315	46,110	86,726	142,667	161	11	7,382	572	314,841	
89	Paints	6	610,634	28,198	81,880	103,767	396,789	3	46	46,350	126	71,817	
90	Paper hanging	34	92,205	10,250	13,410	4,110	64,435	36	4	2,600	98	62,910	
91	Patent medicines and compounds	44	1,105,432	78,700	246,236	92,924	687,572	43	61	60,045	402	194,763	
92	Paving and paving materials	19	830,306	308,891	118,571	125,129	277,715	21	26	23,588	450	243,028	
93	Photography	57	129,457	18,050	17,900	50,475	43,032	63	6	2,324	91	38,217	
94	Pickles, preserves, and sauces	6	41,428			11,405	30,023	7	2	1,040	21	5,700	
95	Plastering and stucco work	11	14,865	3,200	2,200	2,405	7,060	14			35	26,335	
96	Plumbers' supplies	3	34,993	1,920	4,000	10,659	18,414	2	3	1,850	19	7,408	
97	Plumbing, and gas and steam fitting	115	781,516	131,778	110,900	68,377	470,461	148	57	33,994	721	385,400	
98	Printing and publishing, book and job	87	1,517,303	20,300	27,625	779,329	681,049	97	101	92,661	1,071	522,869	
99	Printing and publishing, newspapers and periodicals.	32	1,788,558	161,050	159,450	697,970	770,088	25	252	200,226	749	445,340	
100	Refrigerators	3	279,028	65,771	63,056	29,756	120,445	2	9	7,800	94	43,256	
101	Roofing and roofing materials	16	322,667	53,538	55,020	24,332	189,777	15	17	19,726	181	85,939	
102	Saddlery and harness	41	426,180	20,380	26,050	69,388	310,362	50	24	20,616	317	155,444	
103	Sausage	8	48,100	7,700	6,500	15,700	18,200	9			46	21,450	
104	Ship and boat building, wooden	8	574,826	476,690	17,491	42,433	38,212	8	9	10,091	162	86,547	
105	Shirts	8	50,430	500	1,200	10,310	38,420	8	9	9,228	160	43,307	
106	Slaughtering and meat packing, wholesale.	10	4,948,216	350,782	727,890	484,298	3,379,246	13	188	138,113	829	384,007	
107	Slaughtering, wholesale, not including meat packing.	14	225,478	29,580	73,525	19,050	102,723	15	15	18,410	99	52,862	
108	Soap and candles	9	2,565,181	186,577	546,835	451,355	1,380,367	13	493	206,754	743	241,639	
109	Steam packing	3	11,275			1,000	10,275	5	3	6,000	8	4,672	
110	Stereotyping and electrotyping	3	62,309			24,025	38,284	4	13	9,608	55	28,323	
111	Surgical appliances	4	16,794	4,000	6,000	1,638	5,166	7	1	866	5	2,183	
112	Thinsmithing, coppersmithing, and sheet-iron working.	107	847,838	142,832	139,750	160,403	404,803	180	30	21,788	470	233,768	
113	Tobacco, cigars and cigarettes	176	420,011	59,323	49,709	15,417	295,562	194	16	15,068	325	178,686	
114	Trunks and valises	7	82,977			14,728	68,249	10	7	4,490	84	30,451	
115	Watch, clock, and jewelry repairing.	87	135,213	23,250	15,025	28,867	68,071	91	4	1,230	73	38,962	
116	Wirework, including wire rope and cable.	8	153,781	14,500	24,200	39,427	75,654	10	5	4,792	113	35,038	
117	Wood, turned and carved	9	20,475	1,350	1,600	6,650	10,875	11			81	15,050	
118	All other industries ¹	112	30,523,930	2,390,335	3,850,374	16,428,224	7,857,997	107	534	609,353	5,981	2,888,237	

¹ Embraces agricultural implements, 1; artificial limbs, 2; axle grease, 1; bells, 1; billiard tables and materials, 1; boot and shoe cut stock, 1; boot and shoe uppers, 1; brassware, 1; buttons, 1; carpets, wood, 1; carriages and sleds, children's, 2; cars and general shop construction and repairs by street railroad companies, 1; cars, steam railroad, not including operations of railroad companies, 2; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 1; coffins, burial cases, and undertakers' goods, 2; copper, smelting and refining, 1; cordage and twine, 1; cork, cutting, 1; cutlery and edge tools, 1; dye stuffs and extracts, 1; emery wheels, 1; engraving, steel, including plate printing, 1; engraving, wood, 2; envelopes, 2; fertilizers, 2; files, 1; fire extinguishers, chemical, 1; fish, canning and preserving, 1; flags and banners, 2; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; galvanizing, 1; gas and lamp fixtures, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; gas machines and meters, 2; glue, 1; hand knit goods, 1; hosiery and knit goods, 1; house furnishing goods, not elsewhere specified, 1; ice, manufactured, 2; ink, printing, 2; ink, writing, 1; iron and steel, forgings, 1; lamps

COHOES.

		316	\$11,316,482	\$256,835	\$2,429,154	\$3,762,828	\$4,867,065	327	215	\$257,138	8,673	\$3,140,668
1	All industries											
2	Bicycle and tricycle repairing	5	5,890			3,100	2,790	6			4	2,152
3	Blacksmithing and wheelwrighting	13	8,882	400	8,850	2,680	2,452	14			13	6,254
4	Boots and shoes, custom work and repairing	22	5,009	200	220	1,475	3,114	19			8	3,538
5	Boxes, fancy and paper	3	68,997			31,413	87,584	5	10	8,372	98	40,514
6	Bread and other bakery products	18	40,295	8,400	14,450	6,545	10,900	13	4	1,952	51	28,351

BY SPECIFIED INDUSTRIES: 1900—Continued.

BUFFALO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
18	\$8,806	76	\$19,382	13	\$2,676	\$5,500	\$2,000		\$3,500		\$33,100	\$32,900	\$200	\$90,700	67
26	13,368					2,761	1,220		1,541		5,812	5,392	420	29,849	68
21	8,226	22	3,845	2	300	7,288	1,536		5,752		48,809	48,257	552	92,764	69
530	213,772	81	5,880			85,803		\$3,348	82,455		1,151,700	1,145,000	6,700	1,663,350	70
187	74,181					45,104	2,788	1,219	41,102		118,506	95,356	23,150	298,487	71
557	410,318	3	386			2,240,526		53,897	2,182,129	\$4,500	862,108	790,376	71,732	4,269,973	72
374	228,067	90	19,709	8	1,468	83,427	6,558	684	76,185		220,199	216,884	3,315	757,086	73
20	10,894	2	680	1	150	3,932	3,047	23	712	150	10,504	9,328	1,176	46,595	74
65	28,781	14	1,881	3	383	12,958	7,261	265	5,427		202,687	201,284	1,453	303,108	75
1,533	670,834			40	4,639	164,143	8,026	11,664	105,168	39,285	1,019,168	1,905,559	13,604	3,095,760	76
205	123,116					148,701	41,607	16,422	85,672		1,877,491	1,329,576	47,915	1,959,967	77
348	210,124	48	6,482			29,970	2,680	4,926	18,454	4,000	207,614	205,016	2,598	592,180	78
1,283	694,652			2	511	88,437	4,484	6,167	23,186	54,650	1,115,513	1,111,243	4,270	2,309,168	79
79	31,082	48	16,204	2	240	17,796	9,940	215	8,241		174,608	173,248	1,255	299,815	80
6	4,270	276	69,944	3	224	44,651	24,055	805	19,791		326,650	324,024	2,626	604,066	81
89	43,596	7	1,260	2	300	24,912	7,550	468	16,894		61,201	58,779	2,422	215,368	82
14	12,270					986	814		122		1,936	1,339	596	25,120	83
84	48,528			1	75	6,244	462	844	2,038	2,000	46,055	45,667	388	143,945	84
6	2,143	5	1,040			2,081	562	116	1,403		16,245	15,885	360	27,411	85
222	112,475					149,673	2,800	1,709	145,664		5,751,940	5,734,723	17,217	6,271,170	86
19	9,040			2	155	8,605	7,340		1,265		27,088	26,476	612	76,256	87
570	314,535			2	306	21,129	14,668	1,340	5,221		272,194	270,317	1,877	846,710	88
113	68,205	13	3,612			55,879	1,816	1,176	53,387		529,022	522,093	6,929	753,519	89
98	62,910					9,017	5,611	811	3,095		78,705	73,267	448	192,310	90
148	101,810	312	92,693	2	280	1,007,613	9,093	6,190	986,995	5,385	317,218	312,509	4,709	1,855,808	91
450	248,028					13,967	1,818	3,929	8,220		309,356	305,101	4,255	650,564	92
60	30,240	28	7,709	3	268	22,012	13,884	398	7,570	160	59,905	58,152	1,753	210,732	93
9	4,112	12	1,588			2,453	1,462	6	985		27,082	25,902	1,180	46,500	94
35	26,835					2,430	1,112	68	1,250		9,498	9,303	195	52,044	95
19	7,408					4,437	548	75	3,814		81,192	30,783	409	56,138	96
716	384,628			5	772	60,273	27,601	3,600	22,602	6,470	715,853	711,092	4,761	1,551,920	97
808	461,226	218	54,616	45	6,527	137,789	53,064	1,179	81,514	2,032	475,302	456,705	18,597	1,465,938	98
671	429,127	39	12,478	39	3,735	252,431	28,685	2,231	189,488	32,027	862,772	350,353	12,419	1,735,978	99
94	43,256					21,554		2,754	18,800		74,363	72,342	2,021	184,085	100
180	85,689			1	250	36,976	1,190	1,404	33,322	1,060	236,315	233,417	2,898	444,244	101
283	147,359	33	7,960	1	125	25,089	7,614	2,213	15,262		295,818	289,653	6,165	560,316	102
45	21,210	1	240			4,630	1,740	215	2,675		90,535	87,930	2,605	170,560	103
162	86,847					22,867	3,280	711	18,801	75	65,922	64,311	1,611	216,486	104
17	7,855	143	35,452			19,444	3,260	15	16,169		73,688	73,124	564	164,143	105
777	368,345	45	14,612	7	1,050	320,418	144	13,946	306,328		8,286,237	8,242,050	44,187	9,631,187	106
99	52,862					22,460	1,917	1,809	19,234		1,740,439	1,737,889	2,550	1,969,980	107
483	208,823	161	25,789	99	12,527	363,836	2,295	8,800	352,210		2,475,171	2,435,807	39,364	3,818,571	108
8	4,672					1,107	550		557		15,628	15,572	56	34,660	109
55	28,323					29,769	1,550		25,619	2,600	6,764	5,619	1,145	104,192	110
4	1,995	1	188			1,803	466	75	762		5,393	5,308	85	14,896	111
442	228,788	15	3,542	13	1,428	42,947	19,702	3,929	18,591	125	568,700	562,202	6,498	1,133,579	112
279	169,399	33	7,628	13	1,659	106,470	13,028	1,430	92,012		298,512	295,649	2,863	811,605	113
65	26,185	14	3,882	5	434	13,278	6,560	50	6,668		51,577	51,093	484	125,226	114
68	37,873	4	895	1	194	18,758	12,078	517	3,383	2,780	39,765	38,535	1,230	167,319	115
68	27,073	33	5,855	12	1,570	14,685	2,978	530	11,177		90,232	88,756	1,476	179,549	116
81	15,050					3,456	1,610	41	1,705	100	10,658	10,023	635	41,281	117
5,609	2,813,232	328	67,927	44	7,078	1,147,470	43,333	113,345	980,594	5,193	17,164,465	16,928,211	236,254	23,646,410	118

and reflectors, 2; lead, bar, pipe, and sheet, 1; liquors, distilled, 2; mirrors, 2; musical instruments and materials, not specified, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; oil, not elsewhere specified, 2; paper goods, not elsewhere specified, 1; paper hangings, 1; petroleum, refining, 1; photographic apparatus, 1; photographic materials, 2; photolithography and photoengraving, 2; pipes, tobacco, 2; pottery, terra cotta, and fire-clay products, 1; printing materials, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; safes and vaults, 1; saws, 1; scales and balances, 2; screws, machine, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; show cases, 2; sporting goods, 1; stamped ware, 1; starch, 2; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 2; typewriters and supplies, 1; umbrellas and canes, 2; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 1.

COHOES.

4,246	\$1,755,035	4,049	\$1,309,678	878	\$75,955	\$653,130	\$59,023	\$33,959	\$489,123	\$21,025	\$6,120,342	\$5,910,552	\$209,790	\$11,636,130	1
4	2,152					729	580		149		4,811	4,270	41	10,400	2
13	6,264					990	908	39	43		5,036	4,632	404	21,580	3
8	3,538					1,165	1,137	4	24		6,390	6,176	214	19,398	4
69	82,285	13	5,670	16	2,559	6,943	3,920	223	2,800		74,932	73,557	1,375	144,769	5
41	21,467	7	2,017	3	367	5,460	1,825	515	3,120		68,622	66,429	2,193	141,899	6

TABLE S.—MANUFACTURES IN CITIES

COHOES—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
7	Carpentering.....	18	\$14,440	\$1,100	\$1,550	\$4,055	\$7,735	19			45	\$17,496
8	Clothing, men's, custom work and repairing.	6	8,969			1,550	7,419	8			23	11,820
9	Clothing, women's, dressmaking.....	48	6,983	100	400	8,845	2,618	48			50	12,072
10	Confectionery.....	9	3,025	800	200	3,065	2,490	9	1	\$168	6	2,580
11	Foundry and machine shop products.....	10	433,112	23,160	92,750	121,202	201,000	10	21	20,879	265	142,351
12	Furniture, cabinetmaking, repairing, and upholstering.	6	3,989	75	220	1,319	2,895	6			8	1,500
13	Hosiery and knit goods.....	24	5,209,944	53,897	642,217	1,704,860	2,898,970	20	93	121,170	3,685	1,390,475
14	House furnishing goods, not elsewhere specified.	6	230,373	6,000	66,959	84,822	78,092	2	15	9,215	108	42,861
15	Lumber, planing mill products, including sash, doors, and blinds.	3	75,900	7,500	18,500	19,000	30,900	4	4	2,801	86	40,675
16	Masonry, brick and stone.....	14	18,955	1,100	575	3,085	14,195	16			81	38,482
17	Millinery, custom work.....	10	15,641	1,000	2,500	866	11,775	13	6	1,600	23	6,628
18	Mineral and soda waters.....	4	16,950	1,250	5,530	4,190	6,160	6			7	3,790
19	Painting, house, sign, etc.....	15	10,740	400	1,030	2,625	12,715	18	3	1,216	47	26,074
20	Patent medicines and compounds.....	3	515			365	150	3			3	708
21	Paving and paving materials.....	4	5,400	1,500	800	1,100	2,000	4			16	6,100
22	Photography.....	3	3,500			2,675	825	4			2	512
23	Plumbing, and gas and steam fitting.....	14	22,775	1,500	1,500	6,650	13,125	14	3	2,200	38	17,994
24	Printing and publishing, book and job.....	3	35,985	2,850		21,710	11,415	3			29	12,480
25	Printing and publishing, newspapers and periodicals.	4	60,041	4,000	9,000	39,000	8,041	6	6	4,292	31	17,878
26	Saddlery and harness.....	4	3,980			740	3,240	4			3	1,546
27	Tobacco, cigars and cigarettes.....	4	16,425		4,000	1,500	10,925	3	1	600	19	8,004
28	Watch, clock, and jewelry repairing.....	3	1,654	200	300	425	729	3			2	424
29	All other industries ¹	40	4,883,683	141,893	1,563,183	1,680,556	1,493,001	42	48	82,370	3,922	1,202,404

¹ Embraces agricultural implements, 1; baskets, and rattan and willow ware, 1; blading, 1; bottling, 1; brass castings and brass finishing, 1; brick and tile, 1; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; cotton goods, 1; cotton waste, 1; cutlery and edge tools, 2; dyeing and finishing textiles, 1; electrical construction and repairs, 1; fertilizers, 1; flouring and grist mill products, 1; furniture, factory product, 1; gas,

ELMIRA.

1 All industries.....	302	\$7,865,634	\$584,504	\$953,706	\$1,776,104	\$1,101,220	302	315	\$276,897	4,914	\$1,965,056
2 Bicycle and tricycle repairing.....	13	11,987		680	5,700	5,607	15			8	2,974
3 Bicycles and tricycles.....	3	12,600		400	3,500	8,700	4			25	6,450
4 Blacksmithing and wheelwrighting.....	22	26,210	3,250	4,850	5,260	10,950	25			23	11,750
5 Boots and shoes, custom work and repairing.....	24	11,142	1,300	2,400	4,662	2,780	27			13	4,748
6 Bread and other bakery products.....	9	40,010	7,000	15,600	5,295	12,215	9	14	4,324	31	11,471
7 Carpentering.....	12	28,525	1,350	1,350	6,125	14,200	13	1	800	96	50,784
8 Carriages and wagons.....	4	32,125	3,200	12,000	8,275	13,650	4			25	11,420
9 Cars and general shop construction and repairs by steam railroad companies.....	3	255,184	25,500	115,810	33,949	79,925		33	24,394	497	267,040
10 Cheese and butter, urban dairy products.....	3	8,575			1,075	1,600	3			1	480
11 Clothing, men's, custom work and repairing.....	19	40,365			1,990	38,375	23	4	4,000	61	46,614
12 Clothing, women's, dressmaking.....	12	16,143			3,235	12,908	16	2	1,193	68	17,720
13 Clothing, women's, factory product.....	3	37,400			5,900	31,500	4	11	6,412	68	12,031
14 Confectionery.....	4	30,486	1,000	1,600	7,984	19,950	5	7	3,012	30	8,687
15 Flavoring extracts.....	3	20,600	400	600	4,050	15,550	4	1	200	14	7,000
16 Foundry and machine shop products.....	6	329,035	17,300	70,807	125,074	116,164	5	16	19,875	177	97,141
17 Furniture, cabinetmaking, repairing, and upholstering.....	9	7,915	1,700	700	1,630	3,885	10			9	4,592
18 Hosiery and knit goods.....	3	362,492	7,000	54,884	123,977	171,131		8	7,328	587	185,816
19 Lock and gun smithing.....	3	2,300			1,800	700	3			1	466
20 Lumber, planing mill products, including sash, doors, and blinds.....	8	923,467	88,800	163,245	161,441	517,471	9	42	40,511	420	173,900
21 Marble and stone work.....	3	81,550	3,000	1,400	4,500	22,650	3			17	8,578
22 Masonry, brick and stone.....	3	39,980	1,200	700	10,550	27,630	4	8	4,720	176	78,280
23 Millinery, custom work.....	15	77,420	13,000	10,500	970	52,950	15	4	2,206	40	9,411
24 Monuments and tombstones.....	3	26,472	5,000	6,150	275	16,047	3	1	200	12	5,519
25 Painting, house, sign, etc.....	16	28,525	850	250	2,825	23,000	19			50	30,000
26 Photography.....	8	11,815			7,725	4,090	8			8	2,806
27 Plumbing, and gas and steam fitting.....	9	60,232			4,246	55,856	10	4	1,608	43	21,892
28 Printing and publishing, book and job.....	11	44,635	1,000	1,800	24,260	17,485	16	2	600	27	8,344
29 Printing and publishing, newspapers and periodicals.....	5	292,987	200		223,090	89,797	2	16	25,643	119	66,744
30 Saddlery and harness.....	6	11,125			925	10,200	5	2	1,032	12	5,885
31 Tinsmithing, copper smithing, and sheet-iron working.....	9	40,075	1,000	3,000	10,600	25,475	12	3	2,400	73	27,832

BY SPECIFIED INDUSTRIES: 1900—Continued.

COHOES—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
45	\$17,496					\$4,801	\$633	\$36	\$132	\$4,000	\$25,917	\$25,802	\$145	\$67,040	7
18	9,980	5	\$1,840			2,041	1,976		65		12,002	11,798	204	34,990	8
		50	12,072			2,561	2,484	5	72		9,487	9,029	458	50,608	9
3	2,280			3	\$300	1,850	1,789	8	53		11,603	11,303	300	29,886	10
261	141,645			4	706	16,467	860	2,250	13,357		140,147	131,000	9,147	396,872	11
7	1,400	1	100			589	456	3	30	100	4,608	4,488	120	9,870	12
1,271	566,070	2,827	807,802	87	16,603	313,701	27,439	15,575	270,687		2,688,750	2,639,294	49,456	5,026,374	13
108	42,361					8,040	1,150	1,107	5,783		269,532	265,416	4,117	375,295	14
86	40,675					1,716	50	440	1,226		60,910	60,120	790	118,949	15
81	38,482					1,797	196	22	779	800	21,333	21,333		95,117	16
		23	6,628			2,733	2,384	50	299		21,804	21,704	100	43,410	17
7	3,700					367	100	110	157		8,467	8,342	125	17,824	18
47	25,974					2,263	1,550	9	404	300	22,438	22,357	76	71,827	19
1	208	2	500			660	120		540		1,920	1,900	20	5,800	20
16	6,100					72	30	80	12		13,475	13,450	25	28,500	21
1	860	1	182			724	580		29	115	1,200	1,154	46	3,800	22
38	17,994					2,480	2,080	8	342	50	26,788	26,521	267	64,407	23
26	12,071			3	409	1,322	927	108	292		8,797	8,687	210	35,242	24
26	10,748			5	630	3,515	840	249	1,826	600	11,697	10,601	1,096	47,041	25
3	1,546					464	348		116		2,327	2,288	89	6,225	26
18	8,500			1	104	3,066	313	49	2,699		16,358	16,291	67	35,085	27
2	424					279	200	7	72		695	555	50	3,290	28
2,046	735,320	1,620	472,867	256	54,277	266,385	4,143	63,117	184,015	15,060	2,675,861	2,437,156	138,705	4,731,212	29

illuminating and heating, 1; hatwork, 2; iron and steel, 1; iron and steel, pipe, wrought, 1; leather goods, 1; liquors, malt, 1; lock and gun smithing, 1; monuments and tombstones, 2; needles and pins, 2; paper and wood pulp, 1; perfumery and cosmetics, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; shirts, 1; shoddy, 1; soap and candles, 2; surgical appliances, 1; tinsmithing, coppersmithing, and sheet-iron working, 1; toys and games, 1.

ELMIRA.

3,504	\$1,683,952	1,243	\$257,863	167	\$23,241	\$486,960	\$59,226	\$22,519	\$397,118	\$8,097	\$4,961,635	\$4,836,140	\$125,495	\$8,558,786	1
8	2,974					1,482	1,158	1	328		6,043	5,839	204	18,480	2
9	4,500			16	4,950	1,630	712	8	940		16,504	16,053	451	56,752	3
23	11,769					2,728	2,156	184	388		10,629	9,922	707	47,428	4
11	4,865	1	175	1	208	1,807	1,481	52	324		12,587	12,081	506	30,359	5
29	11,146	2	325			3,008	1,644	264	1,100		40,048	44,881	1,167	76,210	6
96	50,784					926	570	116	240		71,200	70,895	805	140,500	7
25	11,420					1,022	864	846	312		13,453	13,078	375	41,320	8
495	257,326	2	314			3,158		1,634	1,524		402,823	400,208	2,620	688,226	9
1	480					779	408		371		10,480	10,388	92	12,519	10
67	38,916	24	7,698			6,052	4,894	50	1,108		63,598	63,240	358	147,044	11
6	2,320	62	14,909			3,001	2,028	60	913		22,895	22,566	329	58,675	12
1	936	67	11,995			2,816	900		1,916		61,979	61,422	557	91,852	13
11	5,082	19	3,655			2,348	1,220	68	1,060		32,691	32,001	690	57,439	14
10	6,000	4	1,600			1,372	1,202	25	1,245		6,426	6,348	78	20,700	15
176	96,941			1	200	24,938	1,235	1,892	18,182	4,129	112,744	109,524	3,220	276,433	16
9	4,592					1,142	765	105	272		10,318	10,152	106	28,790	17
112	40,302	469	94,174	6	840	43,626		691	42,985		271,810	264,781	6,579	503,325	18
1	466					525	500		25		1,090	1,040	50	3,400	19
420	173,900					39,701	120	2,261	36,320	1,000	851,442	847,506	3,936	1,259,214	20
17	8,578					1,169	320	239	610		14,620	14,350	270	31,500	21
176	78,230					415	200	25	190		45,626	45,176	450	138,000	22
		40	9,411			6,716	2,957	408	3,351		47,299	47,006	293	85,402	23
12	5,519					767	132	85	550		11,289	11,259	30	20,696	24
69	30,000					3,458	2,690	17	751		19,679	19,608	71	71,594	25
4	1,920	4	886			2,248	1,898		345		5,481	5,176	255	18,349	26
43	21,892					6,422	2,713	16	2,693	1,000	66,978	66,888	645	118,932	27
21	7,532	1	300	5	512	2,335	1,340	50	945		19,652	18,822	830	43,876	28
106	62,040	18	4,704			18,402	4,190	643	13,519	50	51,622	47,212	4,410	238,180	29
12	5,335					1,807	1,542		265		16,385	16,300	85	31,450	30
67	26,896			6	936	2,223	1,298	102	823		47,767	46,067	1,700	102,058	31

TABLE 8.—MANUFACTURES IN CITIES

ELMIRA—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Num-ber of estab-lish-ments.	CAPITAL.					Propri-eters and firm mem-bers.	SALARIED OF-FICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Average num-ber.	Wages.
82	Tobacco, cigars and cigarettes	27	\$96,467	\$8,200	\$3,450	\$5,528	\$79,289	28	10	\$7,514	118	\$45,821
83	Tobacco, stemming and rehandling	4	702,017	4,600	21,400	4,017	672,000	6	9	11,220	187	55,720
84	Watch, clock, and jewelry repairing	13	12,225			6,100	6,125	9	1	120	12	7,815
85	All other industries ¹	67	3,730,628	338,454	460,830	957,869	1,973,475	78	116	108,625	1,827	725,807

¹ Embraces agricultural implements, 1; awnings, tents, and sails, 1; bookbinding and blank book making, 2; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 1; brick and tile, 1; bridges, 1; brooms and brushes, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; cooperage, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electrical construction and repairs, 2; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hats and caps, not including fur hats and wool hats, 2; ice, manufactured, 1; iron and steel, 1; jewelry, 2; lamps and reflectors, 1; leather,

JAMESTOWN.

1	All industries	178	\$8,552,470	\$722,078	\$1,110,541	\$1,787,467	\$4,932,384	214	386	\$474,249	4,685	\$1,800,192
2	Bicycle and tricycle repairing	3	10,200			2,800	7,400	2	1	600	6	2,936
3	Blacksmithing and wheelwrighting	9	7,625	1,750	2,400	1,725	1,750	11			6	3,376
4	Bottling	4	21,600			10,100	11,500	6	1	600	15	8,276
5	Cotton goods	3	216,819	33,500	58,741	81,891	42,687	5	5	2,777	91	26,092
6	Flouring and grist mill products	3	37,300	7,600	8,500	9,200	12,500	4	1	600	10	5,100
7	Foundry and machine shop products	9	966,568	53,050	52,550	218,999	641,369	10	49	84,116	368	196,200
8	Furniture, factory product	20	1,469,676	167,350	237,052	169,218	896,056	31	87	91,950	1,209	548,279
9	Lumber and timber products	4	236,235	82,500	10,000	30,450	113,285	4	9	10,938	71	31,671
10	Mattresses and spring beds	4	70,470	3,196	9,036	11,554	46,684	5	5	4,052	45	16,660
11	Millinery, custom work	3	4,300			850	4,450	3	1	192	12	2,444
12	Painting, house, sign, etc	6	4,525	50	300	1,350	2,825	7			25	15,090
13	Patent medicines and compounds	3	10,050	300	200	4,050	5,500	4			1	321
14	Photographic materials	3	452,892	29,222	52,274	38,541	382,855	2	49	69,586	78	23,590
15	Photography	6	12,150	1,000	500	8,200	2,450	7			10	8,711
16	Plumbing, and gas and steam fitting	7	85,976	2,501	2,875	3,755	26,845	9	3	1,632	33	18,742
17	Printing and publishing, book and job	8	25,080			18,986	6,094	10			15	6,166
18	Printing and publishing, newspapers and periodicals	8	101,335	5,500	11,000	45,470	39,365	6	32	23,439	45	20,299
19	Saddlery and harness	4	14,950	3,000	7,500	850	3,600	4	1	500	8	4,150
20	Tinsmithing, coppersmithing, and sheet-iron working	5	8,500	1,500	1,500	2,400	3,100	8			6	3,306
21	Tobacco, cigars and cigarettes	7	8,775			925	7,850	7	1	624	15	7,200
22	Watch, clock, and jewelry repairing	11	14,550	1,000	1,000	3,950	8,600	11			10	5,290
23	Worsted goods	3	3,686,871	147,000	419,155	359,040	2,261,676	4	73	117,935	1,911	582,133
24	All other industries ¹	45	1,135,023	181,469	235,968	263,663	453,943	54	68	64,708	696	261,130

¹ Embraces agricultural implements, 1; awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; bread and other bakery products, 2; carpentering, 1; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 1; cooperage, 1; dentists' materials, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; flavoring extracts, 1; furniture, cabinetmaking, repairing, and upholstering, 2; gas, illuminating and heating, 1; glass, cutting, staining, and

KINGSTON.

1	All industries	344	\$3,657,551	\$558,200	\$566,573	\$1,069,041	\$1,463,737	308	109	\$158,913	2,685	\$1,245,557
2	Bicycle and tricycle repairing	4	3,000	260	275	1,225	1,300	4			1	580
3	Blacksmithing and wheelwrighting	16	24,100	4,250	12,650	3,100	4,100	17			24	12,819
4	Boots and shoes, custom work and repairing	19	6,350	300	1,000	2,220	2,830	19			6	2,952
5	Bottling	4	18,490	3,000	5,100	7,600	2,790	4	4	1,144	10	4,652
6	Bread and other bakery products	17	32,225	4,400	15,100	6,500	6,225	19	7	2,300	37	20,804
7	Brick and tile	3	251,599	115,000	34,636	67,000	34,963	1	8	2,328	252	102,551
8	Bridges	3	11,065	15	25	7,800	3,225	4			9	8,804
9	Carpentering	20	48,675	8,710	9,900	6,465	23,600	24			122	67,014
10	Carriages and wagons	6	88,350	8,300	11,500	6,850	6,700	7			18	8,588
11	Cars and general shop construction and repairs by steam railroad companies	3	92,427	9,000	51,650	23,577	8,200		7	4,974	56	33,662
12	Clothing, men's, custom work and repairing	24	31,575	4,900	11,375	3,020	12,280	25	2	1,100	27	12,116
13	Clothing, women's, dressmaking	32	18,104	1,400	2,550	2,685	6,469	33			50	12,845
14	Confectionery	8	34,775	2,600	7,000	16,600	8,575	13	1	1,000	16	7,708
15	Flouring and grist mill products	3	18,450	950	2,500	11,000	4,000	4			7	8,900
16	Foundry and machine shop products	5	167,580	19,350	33,000	64,000	51,180	5	5	3,020	86	44,721
17	Furniture, cabinetmaking, repairing, and upholstering	5	20,000	3,700	8,500	2,050	5,750	7	3	1,500	17	9,794
18	Kindling wood	3	6,100	650	1,400	1,650	2,400	3			5	1,854
19	Lumber, planing mill products, including sash, doors, and blinds	7	260,753	85,600	33,900	47,200	94,053	6	4	5,936	75	37,800
20	Marble and stone work	6	300,780	90,750	11,000	57,840	141,200	8	18	15,700	115	89,362
21	Masonry, brick and stone	13	40,740	2,690	2,610	6,085	29,355	17			189	86,267
22	Millinery, custom work	17	18,207	300	2,200	862	14,845	20	3	636	28	8,432
23	Mineral and soda waters	5	20,175	1,200	2,800	9,550	6,625	5			10	4,756
24	Painting, house, sign, etc	16	23,765	1,075	9,200	3,825	9,655	16	1	400	48	24,385
25	Patent medicines and compounds	6	50,910	4,600	7,000	7,010	32,300	6	16	13,184	25	7,844
26	Photography	8	9,685	60	100	5,850	3,625	10			6	2,676

BY SPECIFIED INDUSTRIES: 1900—Continued.

ELMIRA—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
87	\$38,908	30	\$6,303	1	\$110	\$25,727	\$3,298	\$184	\$22,245	-----	\$62,452	\$61,807	\$645	\$171,584	32
97	38,378	82	16,280	8	1,112	7,967	3,750	786	3,431	-----	353,992	353,517	475	466,485	33
12	7,815					3,179	2,755		424	-----	3,528	3,365	163	22,675	34
1,281	626,250	423	85,184	123	14,878	262,039	9,941	12,707	237,473	\$1,918	2,171,055	2,078,272	92,783	3,469,421	35

tanned, curried, and finished, 1; liquors, malt, 2; looking-glass and picture frames, 2; mattresses and spring beds, 2; millinery and lace goods, 2; mineral and soda waters, 2; paints, 1; paper hanging, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 2; saws, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 2; silk and silk goods, 2; soap and candles, 1; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; typewriter repairing, 1; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1.

JAMESTOWN.

3,201	\$1,427,698	1,268	\$346,835	216	\$25,659	\$583,097	\$27,923	\$23,287	\$529,273	\$2,614	\$4,096,302	\$4,012,437	\$83,865	\$8,218,922	1
6	2,936	-----	-----	-----	-----	920	900	5	15	-----	4,086	3,940	146	10,800	2
6	3,376	-----	-----	-----	-----	924	734	69	121	-----	3,609	3,344	265	18,150	3
15	8,276	-----	-----	-----	-----	2,126	1,204	-----	922	-----	47,513	47,151	362	71,275	4
23	9,561	60	14,802	8	1,729	14,014	-----	788	12,681	645	66,933	64,566	2,367	141,462	5
10	5,100	-----	-----	-----	-----	3,430	1,200	82	2,148	-----	111,847	111,247	600	132,595	6
361	194,170	-----	-----	7	2,030	123,955	1,044	1,119	121,792	-----	316,270	311,032	5,238	739,701	7
1,193	543,789	8	3,390	8	1,100	160,329	3,855	4,035	152,139	800	636,537	621,780	14,757	1,642,762	8
71	31,671	-----	-----	-----	-----	9,068	660	1,388	7,020	-----	140,935	140,335	600	244,675	9
38	15,117	4	1,150	3	393	9,643	490	140	9,013	-----	69,637	69,017	620	117,425	10
-----	-----	12	2,444	-----	-----	1,478	972	-----	501	-----	16,482	16,392	70	24,600	11
25	15,090	-----	-----	-----	-----	467	295	12	160	-----	9,200	9,190	10	33,400	12
1	321	-----	-----	-----	-----	527	155	7	365	-----	3,309	3,282	27	6,000	13
42	19,998	33	8,088	3	513	27,357	245	778	26,334	-----	441,007	439,322	1,745	920,069	14
5	2,440	5	1,271	-----	-----	1,665	1,200	55	410	-----	5,475	5,194	281	17,427	15
33	18,742	-----	-----	-----	-----	2,066	1,058	84	824	100	51,460	50,878	582	90,669	16
12	5,470	2	515	1	181	1,796	1,272	-----	524	-----	10,100	9,465	635	30,648	17
34	18,350	6	1,169	5	780	12,658	3,041	80	7,918	1,669	16,310	14,386	1,924	31,094	18
8	4,156	-----	-----	-----	-----	809	504	130	175	-----	3,897	3,796	101	18,892	19
5	3,366	-----	-----	-----	-----	426	300	39	87	-----	10,460	10,285	175	22,750	20
14	7,003	-----	-----	1	206	3,529	696	6	2,827	-----	6,960	6,920	40	22,200	21
7	4,084	3	1,146	-----	-----	3,158	2,765	30	363	-----	7,066	6,800	266	22,700	22
758	285,853	976	278,053	177	18,227	132,727	9,231	123,496	-----	-----	1,399,035	1,364,899	34,186	2,565,920	23
534	228,829	159	34,807	8	500	70,030	5,333	5,259	59,438	-----	713,084	694,216	18,868	1,243,708	24

ornamenting, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2; monuments and tombstones, 2; musical instruments, pianos and materials, 1; pottery, terra cotta, and fire-clay products, 1; roofing and roofing materials, 1; saws, 1; ship and boat building, wooden, 2; shirts, 1; tobacco, chewing, smoking, and snuff, 1; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

KINGSTON.

2,161	\$1,127,028	503	\$114,301	21	\$4,228	\$327,143	\$40,346	\$22,554	\$264,062	\$181	\$2,560,822	\$2,464,679	\$96,143	\$5,280,478	1
1	580	-----	-----	-----	-----	402	372	11	19	-----	2,704	2,671	33	6,087	2
24	12,819	-----	-----	-----	-----	940	528	220	192	-----	12,349	11,757	592	45,535	3
6	2,952	-----	-----	-----	-----	1,848	1,781	14	53	-----	9,185	8,782	403	24,105	4
10	4,652	-----	-----	-----	-----	790	-----	206	584	-----	39,156	39,040	116	55,161	5
36	20,580	1	224	-----	-----	2,159	1,680	245	234	-----	76,551	74,681	1,920	147,894	6
246	100,605	-----	-----	6	1,946	13,620	-----	2,131	11,489	-----	24,508	6,261	18,247	159,131	7
9	3,804	-----	-----	-----	-----	150	-----	-----	150	-----	31,013	30,763	250	48,510	8
122	67,014	-----	-----	-----	-----	1,325	428	307	572	18	111,216	111,011	205	216,000	9
13	8,588	-----	-----	-----	-----	1,560	526	309	725	-----	9,652	9,357	295	32,593	10
56	33,662	-----	-----	-----	-----	4,558	-----	456	4,102	-----	16,018	13,468	1,550	58,212	11
17	8,129	10	3,987	-----	-----	2,889	2,366	154	369	-----	30,841	35,616	725	72,460	12
16	7,708	50	12,345	-----	-----	2,531	2,169	121	169	72	8,079	7,715	364	88,098	13
7	3,900	-----	-----	-----	-----	3,414	1,956	305	1,153	-----	43,600	43,075	525	78,525	14
86	44,721	-----	-----	-----	-----	595	-----	145	450	-----	69,686	68,386	1,200	80,112	15
17	9,794	-----	-----	-----	-----	5,521	1,200	808	3,518	-----	51,875	49,076	2,799	184,800	16
5	1,854	-----	-----	-----	-----	848	120	136	592	-----	22,950	22,935	15	45,302	17
75	37,800	-----	-----	-----	-----	47	-----	31	16	-----	6,821	6,234	87	11,900	18
115	89,862	-----	-----	-----	-----	15,270	2,060	2,657	10,653	-----	226,348	223,784	2,564	417,114	19
139	86,257	-----	-----	-----	-----	3,265	230	1,011	2,024	-----	133,874	129,134	4,740	271,914	20
-----	-----	-----	-----	-----	-----	748	24	120	604	-----	86,048	85,913	125	198,098	21
10	4,756	28	8,432	-----	-----	4,284	3,854	87	343	-----	31,574	31,062	512	64,468	22
43	24,335	-----	-----	-----	-----	2,044	1,658	66	320	-----	7,906	7,796	110	21,151	23
7	3,444	-----	-----	-----	-----	1,291	532	206	553	-----	22,858	22,790	68	62,732	24
6	2,675	17	4,300	1	100	57,333	990	684	55,659	-----	39,540	39,439	101	158,252	25
-----	-----	-----	-----	-----	-----	1,607	1,394	2	271	-----	4,499	4,269	230	13,000	26

TABLE 8.—MANUFACTURIES IN CITIES

KINGSTON—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
27	Plumbing, and gas and steam fitting.....	10	\$74,425	\$6,000	\$17,500	\$8,825	\$42,100	12	5	\$5,200	91	\$36,335
28	Printing and publishing, book and job.....	4	9,200	100	200	7,400	1,500	5			7	2,554
29	Printing and publishing, newspapers and periodicals.....	5	73,650	3,250	9,250	39,500	21,650	6	14	10,181	72	33,857
30	Roofing and roofing materials.....	5	9,930	1,000	4,300	2,000	2,630	5			10	6,096
31	Saddlery and harness.....	6	4,895			745	4,150	6			7	3,850
32	Ship and boat building, wooden.....	4	90,000	20,000	7,000	26,600	36,400	4	1	1,500	146	93,476
33	Tobacco, cigars and cigarettes.....	11	54,025	4,525	12,375	990	36,135	11	3	2,600	39	18,024
34	Watch, clock, and jewelry repairing.....	8	15,100	3,000	3,500	4,500	4,100	12			12	6,656
35	All other industries ¹	33	1,788,486	147,265	235,477	601,917	803,827	30	77	85,607	1,117	433,384

¹ Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; brooms and brushes, 1; carpets, rag, 1; cars, street railroad, not including operations of railroad companies, 1; cooperage, 2; dyeing and cleaning, 1; electroplating, 1; furniture, factory product, 1; gas, illuminating and heating, 1; gloves and mittens, 2; grease and tallow, 1; hosiery and knit goods, 1;

NEWBURG.

1	All industries.....	253	\$5,214,536	\$517,200	\$916,680	\$1,297,754	\$2,482,902	266	310	\$287,830	3,926	\$1,665,177
2	Bicycle and tricycle repairing.....	3	3,600	—	—	1,600	2,000	3	—	—	4	1,230
3	Blacksmithing and wheelwrighting.....	16	27,912	5,200	10,750	3,475	8,487	17	—	—	20	11,374
4	Boots and shoes, custom work and repairing.....	21	8,850	—	—	2,605	1,245	21	—	—	6	2,748
5	Bread and other bakery products.....	17	32,211	2,800	9,000	8,045	12,366	17	20	7,228	48	28,403
6	Carpentering.....	8	54,790	7,400	10,900	4,250	32,240	11	1	400	58	11,458
7	Clothing, men's, custom work and repairing.....	10	27,750	5,000	9,000	1,635	12,115	16	—	—	27	9,318
8	Clothing, men's, factory product.....	3	1,089,575	25,000	70,000	36,100	958,475	2	36	97,392	823	307,281
9	Confectionery.....	3	21,200	3,000	7,000	3,600	7,700	4	2	1,068	8	2,912
10	Electrical construction and repairs.....	4	75,377	500	1,000	19,700	54,177	4	4	4,500	31	14,071
11	Foundry and machine shop products.....	7	338,397	67,000	190,764	229,692	341,941	3	29	28,963	310	180,678
12	Furniture, cabinetmaking, repairing, and upholstering.....	9	15,850	2,850	6,550	1,900	4,550	9	—	—	7	2,100
13	Furniture, factory product.....	4	26,500	—	—	4,600	21,900	7	6	2,938	57	21,806
14	Masonry, brick and stone.....	4	21,275	2,400	1,475	850	16,550	4	—	—	31	27,221
15	Millinery, custom work.....	15	30,830	2,400	3,400	1,195	23,835	17	6	2,078	42	12,339
16	Mineral and soda waters.....	4	29,050	5,500	5,500	9,000	9,050	5	1	550	11	4,807
17	Monuments and tombstones.....	3	34,916	1,000	800	5,165	27,951	4	—	—	12	9,776
18	Painting, house, sign, etc.....	10	66,880	1,000	1,500	2,850	61,030	16	3	1,624	80	46,193
19	Patent medicines and compounds.....	4	25,080	—	—	6,945	18,135	1	11	9,369	9	3,599
20	Photography.....	4	7,000	—	—	6,000	1,000	4	—	—	6	1,076
21	Plumbing, and gas and steam fitting.....	13	90,700	11,000	27,750	9,225	42,725	13	5	2,763	69	40,601
22	Printing and publishing, newspapers and periodicals.....	6	116,086	2,000	3,000	73,022	38,064	6	16	11,702	80	38,829
23	Roofing and roofing materials.....	3	30,941	4,000	8,000	1,700	17,241	5	2	860	15	10,136
24	Saddlery and harness.....	4	7,859	500	1,000	850	5,009	4	—	—	5	2,768
25	Tinsmithing, coppersmithing, and sheet-iron working.....	5	30,700	6,000	10,000	3,850	10,850	5	1	312	20	11,140
26	Tobacco, cigars and cigarettes.....	3	8,200	600	2,500	350	4,750	3	—	—	4	1,390
27	Watch, clock, and jewelry repairing.....	11	9,525	500	750	4,850	3,425	12	—	—	10	5,284
28	All other industries ¹	53	2,489,982	361,550	527,041	854,800	746,691	53	117	116,032	2,130	826,046

¹ Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; bookbinding and blank book making, 1; bottling, 2; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 1; carpets and rugs, other than rag, 1; carpets, rag, 2; carriages and wagons, 2; clothing, women's, dressmaking, 1; coffee and spice, roasting and grinding, 1; cotton goods, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; engraving, steel, including plate printing, 1; explosives, 1; fancy articles, not elsewhere specified, 1; flouring and grist mill products, 2; fur hats, 1; gas, illuminating and heating, 1; grease and tallow, 1; hats and caps, not including fur hats and wool hats, 1; ice, manufactured, 1; lime

NEW YORK CITY.

1	All Industries.....	39,776	\$921,876,081	\$98,049,402	\$102,831,270	\$207,007,886	\$513,987,523	45,922	48,011	\$55,645,464	462,763	\$245,021,831
2	Artificial feathers and flowers.....	162	2,964,748	82,000	17,000	258,631	2,662,217	224	229	226,841	3,933	1,251,385
3	Artificial limbs.....	5	69,300	8,000	12,000	23,500	25,800	8	14	10,200	60	40,652
4	Artists' materials.....	4	10,908	—	—	1,240	9,668	4	1	636	5	3,265
5	Awnings, tents, and sails.....	153	540,774	12,050	17,950	101,363	409,421	185	38	31,774	757	431,073
6	Axle grease.....	4	5,916	—	—	410	5,506	6	—	—	8	3,760
7	Babbitt metal and solder.....	7	1,028,291	35,000	41,000	112,855	839,436	18	21	27,992	188	107,876
8	Bags, other than paper.....	16	674,000	40,000	20,000	131,500	482,500	14	50	109,048	639	201,142
9	Bags, paper.....	14	2,067,115	264,939	264,940	808,805	738,431	8	190	191,896	781	287,426
10	Baking and yeast powders.....	9	3,648,858	600,000	500,000	273,081	2,375,777	5	31	67,337	152	92,128
11	Baskets, and rattan and willow ware.....	37	224,265	14,045	26,458	62,444	131,323	39	12	14,993	291	111,241
12	Belt and hose, leather.....	12	2,068,536	—	—	101,022	1,967,514	9	84	115,224	478	279,283
13	Bicycle and tricycle repairing.....	426	509,009	18,887	40,638	156,743	292,741	487	19	13,980	423	221,253
14	Bicycles and tricycles.....	15	72,075	—	—	19,275	52,800	16	7	2,972	42	22,782
15	Billiard tables and materials.....	13	364,759	—	—	35,959	304,800	17	43	51,909	171	114,170
16	Blacking.....	14	238,784	—	—	49,467	234,327	20	80	115,387	176	79,079
17	Blacksmithing and wheelwrighting.....	1,003	2,627,170	675,505	576,807	467,625	907,233	1,106	52	46,946	2,304	1,628,840
18	Bluing.....	10	86,090	7,500	6,500	9,050	65,040	13	15	13,620	63	26,585
19	Bookbinding and blank book making.....	239	4,388,901	49,000	132,500	1,797,600	2,404,741	300	326	383,620	6,270	2,842,009
20	Boot and shoe cut stock.....	15	257,065	10,000	2,000	16,165	228,900	19	15	13,406	93	44,870
21	Boot and shoe findings.....	18	152,325	—	—	54,175	98,150	16	19	16,484	114	46,880

BY SPECIFIED INDUSTRIES: 1900—Continued.

KINGSTON—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.			Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
91	\$36,335					\$3,936	\$720	\$672	\$2,544		\$81,938	\$81,133	\$300	\$170,275	27
6	2,450			1	\$104	436	276	16	144		1,738	1,613	120	9,400	28
68	82,548	3	\$1,109	1	200	6,699	1,632	888	4,679		20,407	18,795	1,612	97,182	29
10	6,096					542	461	45	86		10,331	10,146	185	22,693	30
7	3,850					1,939	1,880		59		6,632	6,517	115	17,691	31
146	93,476					4,004	1,320	400	2,284		88,560	86,985	1,575	207,201	32
33	16,970	1	350	5	704	8,293	1,157	210	6,926		19,105	18,663	442	59,248	33
12	6,656					1,268	1,010	65	193		4,255	4,115	140	17,525	34
717	348,656	393	83,554	7	1,174	170,927	8,022	10,426	152,388	\$91	1,205,110	1,151,732	53,378	2,218,606	35

ironwork, architectural and ornamental, 1; lime and cement, 2; liquors, malt, 2; lock and gun smithing, 2; mattresses and spring beds, 2; monuments and tombstones, 1; perfumery and cosmetics, 1; sewing machine repairing, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 1; tinfoil, 1; tinsmithing, copper-smithing, and sheet-iron working, 1; tobacco, chewing, smoking, and snuff, 1; vinegar and cider, 1.

NEWBURG.

2,622	\$1,283,261	1,223	\$369,492	81	\$12,424	\$354,456	\$59,465	\$29,269	\$234,290	\$31,432	\$3,123,590	\$3,010,930	\$106,660	\$6,497,083	1
4	1,230					637	462		145	80	2,650	2,555	95	7,750	2
20	11,374					1,921	1,172	175	574		7,447	6,891	556	36,610	3
6	2,748					1,584	1,548		36		7,066	6,971	95	19,820	4
46	27,985	1	812	1	156	7,661	5,352	113	2,036	160	105,601	103,707	1,894	180,410	5
58	41,458					2,458	120	343	995	1,000	65,830	54,992	338	112,985	6
17	6,514	10	2,799			4,645	2,894	315	766	670	17,080	10,653	377	45,613	7
147	94,474	672	212,192	4	615	28,891	2,850	2,635	23,406		874,726	871,460	3,236	1,594,475	8
7	2,672			1	240	2,570	1,650	100	820		12,743	12,185	608	22,728	9
31	14,071					5,601	996	30	4,125	450	98,470	97,570	900	150,220	10
310	180,678					54,615	848	6,714	47,553		232,813	224,176	8,637	548,556	11
7	2,100					706	277	114	290	25	7,896	7,328	73	16,207	12
57	21,806					2,528	1,642		886		15,277	14,553	724	55,345	13
34	27,221					514		29	485		24,828	24,328		64,400	14
		40	12,121	2	218	0,094	4,609	60	1,425		44,941	44,675	260	81,438	15
11	4,807					807	240	176	451		5,185	4,960	225	20,500	16
12	9,776					2,752	550	20	2,182		19,458	18,063	405	39,981	17
80	46,193					4,702	2,813	10	1,439	500	29,782	29,263	510	99,697	18
4	2,362		1,237			15,847	2,204	102	13,041		13,908	13,174	134	47,150	19
3	793	3	878			1,336	954		243	134	3,350	3,238	112	15,822	20
69	40,601					5,432	1,301	892	2,559	1,180	88,980	82,993	987	165,397	21
72	35,775	8	3,054			8,753	3,830	250	5,173		29,687	27,813	1,824	122,087	22
15	10,136					1,200	420	138	642		11,252	11,167	85	32,936	23
5	2,766					840	690	15	185		5,056	5,026	30	11,955	24
20	11,140					2,356	1,056	70	1,230		10,481	10,832	140	34,573	25
4	1,390					1,088	258	42	788		3,052	3,030	22	7,290	26
10	5,284					8,941	1,550	13	638	1,740	8,766	8,597	169	19,520	27
1,573	677,952	484	136,899	78	11,195	185,857	20,179	17,413	122,222	25,543	1,399,465	1,315,385	84,080	2,951,361	28

and cement, 2; liquors, malt, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; oilcloth, floor, 1; printing and publishing, book and job, 2; shipbuilding, iron and steel, 1; shirts, 1; silk and silk goods, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; sporting goods, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

NEW YORK CITY.

326,299	\$202,051,974	180,691	\$41,994,472	5,773	\$975,435	\$163,170,343	\$24,001,559	\$4,286,292	\$31,753,149	\$58,129,343	\$709,109,412	\$699,652,084	\$9,557,828	\$1,371,358,468	1
507	267,318	3,359	962,421	127	21,646	880,267	198,715	4,040	90,262	37,250	2,190,099	2,178,923	11,173	4,997,194	2
53	87,572	7	3,080			30,855	8,425	630	21,300		13,650	12,170	1,480	160,120	3
5	8,265					2,890	1,255	24	1,611		8,761	8,646	115	28,277	4
541	844,874	215	85,849	1	350	181,551	57,589	869	21,993	51,100	1,295,516	1,289,451	6,065	2,481,547	5
8	3,750					2,122	1,184		988		9,353	9,256	97	22,800	6
188	107,875					42,228	12,155	8,475	26,598		2,309,789	2,296,133	13,556	2,604,666	7
202	82,656	437	118,486			83,886	22,048	2,153	64,535	5,100	1,694,382	1,689,424	4,958	2,238,845	8
491	210,797	279	74,189	11	2,440	136,948	32,819	2,333	102,266		1,642,702	1,631,257	11,445	2,706,828	9
69	53,039	81	33,489	2	600	1,097,489	5,528	15,000	1,076,911		1,916,901	1,914,023	2,878	4,248,406	10
211	95,162	67	14,809	13	1,770	12,677	8,917	642	8,118		208,357	205,542	2,815	417,825	11
474	278,288			4	1,000	123,270	27,498	5,673	89,999	100	2,211,145	2,197,249	13,896	2,995,665	12
414	219,552	1	200	8	1,501	134,149	105,414	915	23,231	4,589	462,440	451,550	10,890	1,279,371	13
42	22,782					11,738	7,739	95	8,914		62,760	51,631	1,129	123,934	14
166	112,624	4	1,864	1	182	122,160	18,493	1,118	98,804	3,800	314,490	311,569	2,921	699,552	15
75	47,456	101	31,623			112,247	18,982	1,910	91,355		277,403	273,727	3,676	649,441	16
2,289	1,625,294			15	3,546	358,980	261,697	21,580	65,677	10,076	1,368,799	1,307,920	60,879	4,882,422	17
28	17,640	35	8,895			16,943	5,171	255	11,517		97,959	97,270	689	217,811	18
8,084	1,808,335	3,119	1,017,241	117	22,033	585,425	305,231	7,149	240,684	32,861	2,560,197	2,494,101	66,096	7,619,155	19
84	41,780	7	2,810	2	300	16,545	12,884	150	9,581		626,348	624,885	1,463	619,553	20
63	32,742	51	12,588			21,488	9,846		3,442	8,200	254,988	252,866	2,122	393,960	21

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

		CAPITAL.					SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.			
MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	Number.	Salaries.	Total.	
											Average number.	Wages.
22	Boot and shoe uppers	46	\$79,300	\$6,500	\$8,000	\$13,070	\$51,730	54	1	\$600	100	\$16,907
23	Boots and shoes, custom work and repairing.	3,341	1,265,038	97,557	110,168	325,559	731,754	3,342	36	26,250	1,940	886,577
24	Boots and shoes, factory product	99	4,154,981	140,500	227,668	892,097	2,894,716	133	331	326,927	5,430	2,436,579
25	Bottling	203	2,472,008	276,550	398,850	402,332	1,394,276	229	128	149,101	1,086	604,760
26	Boxes, cigar	34	591,885	128,200	58,500	170,958	284,227	41	45	89,460	906	364,919
27	Boxes, fancy and paper	189	2,173,613	60,700	82,300	683,342	1,347,271	202	326	274,761	5,428	1,847,585
28	Boxes, wooden packing	53	2,409,564	192,000	277,219	446,135	1,493,610	65	114	122,386	1,623	841,105
29	Brass castings and brass finishing	56	721,589	100,700	71,310	212,612	336,987	72	33	45,536	426	248,622
30	Brassware	67	1,668,047	137,300	209,700	514,250	807,397	77	90	101,474	1,419	664,307
31	Bread and other bakery products	1,966	13,798,593	1,849,104	2,192,998	5,611,866	4,144,625	2,037	1,417	1,112,661	10,915	5,743,845
32	Bridges	8	782,500	40,700	108,000	199,000	489,800	8	19	29,740	925	741,402
33	Bronze castings	5	338,961	62,000	17,500	85,127	174,394	5	32	37,411	296	177,133
34	Brooms and brushes	84	1,575,070	46,250	68,467	100,914	1,299,439	99	131	98,837	1,896	550,453
35	Buttons	38	553,412			239,394	314,018	41	50	47,088	1,380	482,773
36	Calcium lights	4	39,400			11,000	28,400	5	1	1,200	31	13,788
37	Card cutting and designing	4	41,950			15,200	26,750	3	8	6,757	49	19,146
38	Carpentering	1,491	7,916,870	998,800	1,180,040	884,128	4,852,902	1,723	261	254,365	8,660	6,913,355
39	Carpets and rugs, other than rag	4	2,028,542	14,500	20,500	549,200	1,444,342	63	63	103,208	1,616	598,191
40	Carpets, rag	21	24,264	3,290	2,145	3,026	15,803	22	2	1,000	26	11,890
41	Carpets, wood	10	187,164			17,785	169,379	9	22	20,500	296	212,512
42	Carriage and wagon materials	3	2,450			1,800	650	3			3	1,975
43	Carrriages and sleds, children's	14	70,325	5,500	9,300	6,625	48,900	15	3	2,130	83	45,616
44	Carrriages and wagons	236	3,627,751	635,350	664,750	467,941	1,859,710	297	117	128,061	2,425	1,559,750
45	Cars and general shop construction and repairs by steam railroad companies.	10	744,558	168,700	208,425	212,633	154,800		44	29,742	948	558,428
46	Cars and general shop construction and repairs by street railroad companies.	6	5,944,848	916,834	2,716,974	1,395,954	915,086		37	46,248	2,131	1,509,274
47	Cheese and butter, urban dairy products.	6	20,425			11,850	8,575	5	1	260	7	3,180
48	Chemicals	37	4,487,028	430,000	602,469	1,276,426	2,128,133	10	159	214,554	877	479,479
49	China decorating	27	83,055	5,000	4,000	16,800	57,255	31	10	5,727	105	45,318
50	Chocolate and cocoa products	9	1,123,758	14,000	50,000	236,170	823,588	14	111	102,858	540	167,490
51	Cleansing and polishing preparations	25	407,760	37,500	42,500	68,410	259,350	26	50	52,436	206	95,563
52	Clocks	6	2,399,485	82,000	225,000	268,825	1,873,660	2	51	83,275	1,569	477,464
53	Cloth, sponging and refutishing	22	120,198			57,210	62,988	30	26	20,870	333	177,921
54	Clothing, horse	7	47,389	2,600	950	6,200	37,639	6	3	6,260	53	28,706
55	Clothing, men's, custom work and repairing.	3,284	8,614,126	475,175	810,405	587,677	6,740,869	3,507	677	666,056	8,050	4,805,663
56	Clothing, men's, factory product	1,889	36,842,799	702,003	594,247	1,271,491	34,275,058	2,565	2,727	2,942,182	30,406	15,687,104
57	Clothing, men's, factory product, buttonholes.	68	136,162	21,230	22,537	68,075	24,320	79			428	168,160
58	Clothing, women's, dressmaking	1,418	4,405,853	486,900	417,551	893,349	3,108,053	1,596	809	256,384	7,851	3,897,550
59	Clothing, women's, factory product	1,607	27,888,909	460,900	375,265	2,203,409	24,349,335	2,371	3,961	3,933,792	44,715	20,929,460
60	Coffee and spice, roasting and grinding	56	8,657,792	579,815	1,018,681	1,192,540	5,866,756	92	502	567,150	1,427	657,225
61	Coffins, burial cases, and undertakers' goods.	14	842,465	5,000	10,000	113,874	718,591	15	85	99,150	686	317,364
62	Combs	5	158,650			16,100	142,550	7	22	13,270	186	85,585
63	Confectionery	580	6,516,643	970,782	1,213,346	1,555,837	2,776,078	560	738	780,260	5,536	2,131,107
64	Copperage	90	3,275,326	275,703	788,237	491,115	1,720,271	108	47	71,108	1,002	912,298
65	Cordage and twine	11	6,722,552	845,300	625,200	1,474,923	4,277,129	4	99	216,629	3,252	1,112,019
66	Cordials and sirups	7	79,800			12,800	67,000	9	11	11,950	25	12,000
67	Cork, cutting	22	238,061			33,425	194,636	23	19	17,120	167	66,133
68	Corsets	55	725,650	1,800	1,200	142,886	580,764	64	91	108,953	1,326	400,736
69	Cotton goods	6	561,785	2,600	4,000	256,915	298,270	5	16	37,874	312	109,412
70	Cotton small wares	12	239,380			95,995	143,385	16	25	19,449	254	87,570
71	Cutlery and edge tools	15	117,551			41,989	75,562	18	20	16,312	151	87,623
72	Dentists' materials	4	190,500			25,000	165,500	5	51	47,710	96	45,570
73	Druggists' preparations, not including prescriptions.	34	3,786,065	366,635	350,865	504,290	2,564,775	40	223	332,043	973	897,322
74	Drug grinding	10	729,269	27,000	58,000	74,991	574,278	14	30	38,914	150	66,607
75	Dyeing and cleaning	235	1,117,576	103,882	200,919	270,030	542,145	277	182	88,413	1,037	472,932
76	Dyeing and finishing textiles	32	1,709,051	224,659	326,539	696,944	460,859	44	70	79,905	1,029	458,496
77	Dye stuffs and extracts	12	1,229,255	428,000	190,000	112,785	498,520	4	28	32,430	332	217,335
78	Electrical apparatus and supplies	104	8,781,700	613,872	1,686,785	1,662,221	4,868,822	95	900	635,404	4,768	2,362,897
79	Electrical construction and repairs	208	968,658	33,800	46,500	160,265	728,093	243	154	180,508	1,032	726,604
80	Electroplating	79	201,541			113,814	87,727	102	18	14,012	429	286,282
81	Enameling and enameled goods	21	2,660,034	810,500	559,785	687,706	1,102,093	25	49	42,725	1,458	526,880
82	Engravers' materials	6	49,466	600	400	13,130	35,336	7	8	17,114	47	25,605
83	Engraving and die sinking	101	192,918	6,300	1,500	91,441	99,677	118	9	15,800	266	171,323
84	Engraving, steel, including plate printing.	85	3,573,155	800,250	164,500	1,206,455	1,401,950	104	112	180,987	1,640	1,131,416
85	Engraving, wood	32	32,321	1,000	4,000	10,585	16,786	35	1	520	57	40,400
86	Envelopes	9	565,804			335,000	230,804	5	89	91,986	534	229,798
87	Fancy articles, not elsewhere specified	135	1,738,276	120,500	120,300	374,402	1,123,074	132	231	176,880	1,686	659,921
88	Fertilizers	10	2,207,337	215,350	502,766	602,427	826,794	7	83	88,788	680	329,404
89	Files	6	78,900	18,000	16,500	21,200	25,200	9	1	364	66	35,876
90	Fire extinguishers, chemical	5	95,375			8,875	87,000	1	18	12,500	18	15,560
91	Fireworks	8	406,971	42,000	77,710	84,246	208,016	4	28	37,055	495	179,337

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
82	\$41,455	18	\$5,452			\$11,868	\$9,646	\$253	\$1,969		\$153,532	\$152,617	\$915	\$274,987	22
1,895	875,029	31	9,820	14	\$2,228	588,732	503,020	3,394	43,915	\$38,403	1,337,439	1,298,478	38,961	4,726,961	23
3,696	1,872,891	1,629	547,888	105	15,800	524,836	106,037	8,903	349,731	60,157	5,082,725	5,044,972	37,753	9,124,495	24
1,058	597,939	18	4,698	10	1,923	574,215	96,674	43,990	428,211	5,350	3,204,431	3,159,592	44,839	5,455,792	25
565	254,679	319	105,834	22	4,406	60,437	33,355	1,755	26,327		570,740	555,228	15,512	1,171,166	26
1,707	881,426	3,535	938,753	186	27,406	411,165	204,582	4,184	201,749	650	2,209,045	2,173,823	35,222	5,758,569	27
1,548	827,028	60	11,869	18	2,208	265,016	84,545	18,506	121,812	40,183	2,842,830	2,822,513	19,817	4,590,908	28
421	247,326	3	880	2	416	59,227	26,826	3,824	28,277	300	699,110	677,635	21,575	1,264,009	29
1,126	590,672	268	69,447	25	4,188	161,306	53,127	3,839	89,503	17,837	1,171,577	1,140,913	30,604	2,424,530	30
9,036	5,274,525	1,066	437,553	213	31,767	2,397,989	1,039,134	100,128	1,251,922	6,805	17,558,932	17,087,006	471,926	32,289,307	31
925	741,402					20,619	2,616	4,568	13,435		872,870	863,855	9,015	1,906,088	32
292	176,568			4	575	22,875	5,920	1,350	15,605		65,871	60,635	5,236	385,825	33
823	411,385	480	122,655	93	16,413	117,164	45,033	3,419	58,312	10,400	1,296,351	1,283,512	12,839	2,448,194	34
617	287,370	744	192,999	19	2,404	59,170	21,876		26,694	10,000	608,655	601,503	7,152	1,467,145	35
31	13,788					4,355	2,390		1,965		18,703	17,533	1,170	49,682	36
22	12,468	23	5,950	4	728	9,909	6,430	209	770	2,500	78,856	77,630	1,226	131,160	37
8,641	6,909,383	1	260	18	3,712	3,590,725	317,133	36,862	226,871	3,009,856	10,490,605	10,439,070	57,535	26,061,584	38
592	280,321	845	285,722	179	82,148	272,877	53,200	22,928	181,370	15,379	1,317,486	1,289,793	27,693	2,467,571	39
24	10,540	2	850			4,130	2,850	137	1,143		11,139	10,814	325	41,894	40
296	212,512					25,804	12,860		12,944		138,777	136,143	2,634	465,987	41
3	1,375					801	438		268	100	2,971	2,920	51	9,000	42
78	44,216	3	1,100	2	300	8,493	6,318	170	2,005		109,267	108,587	680	202,210	43
2,421	1,558,050	1	700	3	1,000	335,534	193,083	37,210	97,541	7,700	1,409,529	1,368,617	40,912	4,817,872	44
923	550,163	25	8,265			13,550	3,006	5,846	4,704		532,926	520,807	12,119	1,134,646	45
2,131	1,509,274					112,209		64,937	47,272		1,362,681	1,337,937	24,744	3,030,805	46
7	3,180					1,720	1,450	10	260		50,994	49,983	1,011	55,801	47
816	457,477	61	22,002			353,107	42,694	21,679	286,234	2,500	3,415,137	3,265,096	150,041	5,266,656	48
50	29,256	51	15,477	4	585	17,241	9,904	205	7,072		65,192	61,156	4,036	188,724	49
240	107,840	282	57,700	24	1,950	97,595	43,135	1,335	53,125		1,502,713	1,491,181	11,532	2,009,972	50
145	74,862	61	20,691			47,121	14,095	1,271	28,055	3,700	546,437	538,414	8,023	962,491	51
1,118	361,564	448	115,620	3	300	67,567	5,520	7,023	54,424	600	881,379	873,363	8,016	1,685,875	52
336	177,121	2	800			69,890	35,330	200	34,360		11,099	6,759	4,840	375,642	53
18	8,266	86	14,950	4	500	7,343	6,000	23	1,320		77,049	76,417	632	137,358	54
7,334	4,569,900	673	238,249	43	7,514	3,169,248	1,375,627	25,921	430,623	1,337,077	8,020,886	7,920,529	100,357	22,077,030	55
20,513	12,575,341	9,759	3,692,119	134	19,644	17,259,186	1,405,503	26,557	2,048,059	13,779,062	52,489,787	52,334,799	154,988	103,220,201	56
220	105,901	197	55,521	11	1,738	17,183	8,173	456	7,954	600	41,788	39,472	2,316	299,531	57
2,227	1,436,891	5,068	1,900,686	66	9,973	1,150,381	929,951	11,545	176,762	32,123	4,473,935	4,424,673	49,262	11,571,048	58
19,132	12,086,111	25,318	8,793,946	265	49,403	8,222,182	1,806,250	23,045	2,315,864	4,017,023	54,638,897	54,430,151	208,746	102,711,604	59
855	507,858	529	142,097	43	7,270	1,475,363	111,780	41,342	1,320,961	1,280	17,279,801	17,168,868	115,443	21,346,195	60
401	263,400	184	58,864	1	100	115,454	49,164	765	65,525		453,893	445,269	8,624	1,210,814	61
171	81,935	15	3,600			39,763	3,635		11,128	25,000	178,645	176,660	1,985	356,650	62
2,717	1,477,476	2,631	626,321	188	27,310	1,322,590	399,490		54,320	2,035	8,220,657	8,085,596	135,061	14,433,900	63
1,841	900,203	14	2,600	47	9,495	233,128	57,736	17,695	176,697	3,000	2,635,841	2,603,172	32,669	4,231,960	64
1,710	699,485	1,310	368,753	232	43,781	443,495	73,147	20,781	349,617		6,059,794	5,982,832	76,962	8,768,974	65
18	9,504	7	2,496			12,628	5,560	725	6,093	250	81,848	81,188	660	149,362	66
104	48,995	63	17,138			19,819	11,152		8,667		289,673	287,131	2,542	464,223	67
123	53,675	1,155	339,986	48	7,135	197,345	61,787	452	135,106		751,078	742,288	8,785	1,721,623	68
106	55,297	233	53,725	3	390	57,199	13,363		37,186		480,220	472,362	7,868	724,125	69
86	43,355	161	43,110	7	1,105	25,938	13,690		9,048	3,200	192,105	188,974	3,131	394,033	70
147	86,947	1	216	3	460	39,435	10,418		19,017	10,000	97,184	94,051	3,083	295,785	71
51	32,752	45	12,818			20,310	3,340		16,770		353,174	351,610	1,564	557,000	72
624	296,412	346	100,365	8	545	639,799	41,156	22,430	576,213	200	3,624,324	3,539,533	84,791	6,014,762	73
105	58,357	40	8,000	5	250	49,221	16,988	1,033	19,140	12,050	1,152,225	1,141,542	10,683	1,492,793	74
591	325,407	435	145,106	11	2,419	324,247	95,450	7,777	207,520	13,500	444,787	435,999	40,738	1,749,284	75
790	389,511	239	68,985			138,033	26,314	10,065	101,654		448,077	392,676	55,401	1,460,322	76
332	217,335					48,710	3,960	7,535	37,215		809,454	796,191	13,263	1,372,500	77
4,273	2,210,971	469	147,331	26	4,595	646,740	101,113	35,038	470,010	40,579	5,803,203	5,816,873	80,330	10,851,350	78
1,072	724,202	2	760	8	1,642	134,391	65,997	1,969	61,708	4,717	1,343,079	1,334,425	8,654	2,940,631	79
406	229,641	11	4,689	12	1,952	58,862	39,587	343	11,997	1,935	134,621	121,443	13,178	608,856	80
1,162	462,634	212	52,589	84	11,657	34,785	7,330	5,364	19,791	1,800	1,640,468	1,601,403	39,065	2,842,422	81
47	25,605					8,855	4,086	12	4,757		126,254	123,614	2,640	195,029	82
243	165,269	11	4,080	12	1,874	84,247	25,706	170	5,161	3,210	39,845	33,897	5,948	431,312	83
1,018	877,439	581	246,704	41	7,223	243,549	157,754	20,429	50,741	14,625	708,271	697,547	10,724	2,604,271	84
53	45,768	2	320	2	812	19,140	7,019	40	2,706	9,375	12,888	12,136	247	138,815	85
145	86,458	389	143,340			76,824	37,613	504	38,202		596,904	589,630	7,274		

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIES OF OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
92	Fish, canning and preserving.....	7	\$51,915	\$13,800	\$13,200	\$4,215	\$20,700	12	4	\$2,620	23	\$13,074
93	Flags and banners.....	10	396,886			43,030	353,825	14	25	30,112	190	62,027
94	Flavoring extracts.....	45	257,136			36,139	320,997	30	110	108,551	149	79,387
95	Flouring and grist mill products.....	11	8,230,518	4,065,000	2,039,000	748,513	1,387,975	11	90	158,862	543	314,765
96	Food preparations.....	87	1,980,790	181,330	338,000	375,787	1,076,703	104	188	206,257	1,183	436,599
97	Foundry and machine shop products.....	589	48,092,891	3,086,320	4,362,848	9,874,475	30,769,248	644	1,901	2,418,331	19,560	11,397,201
98	Fruits and vegetables, canning and preserving.....	6	1,732,932	86,500	50,000	33,885	1,522,597	4	27	46,880	379	118,693
99	Fur goods.....	512	6,917,625	162,000	64,840	233,640	6,397,645	765	623	616,631	4,184	2,386,148
100	Fur hats.....	7	1,417,308	178,000	278,000	280,195	701,113	4	72	138,592	1,395	809,652
101	Furnishing goods, men's.....	223	7,675,454	339,200	372,500	496,132	6,417,622	333	884	920,024	7,947	2,845,239
102	Furniture, cabinetmaking, repairing, and upholstering.....	810	2,645,208	207,525	179,325	337,182	1,951,226	988	201	187,176	2,701	1,834,584
103	Furniture, factory product.....	187	7,274,874	903,300	743,329	695,150	4,933,095	252	517	599,950	6,763	3,805,536
104	Furs, dressed.....	35	480,840	68,850	67,750	190,140	204,100	40	23	25,140	457	207,114
105	Galvanizing.....	4	71,077	6,000	4,000	11,948	49,129	4	10	10,342	41	21,229
106	Gas and lamp fixtures.....	68	3,049,874	151,000	129,908	754,952	2,014,014	77	280	340,777	2,101	1,153,991
107	Gas and oil stoves.....	7	483,655			46,934	386,721	8	29	26,297	167	83,437
108	Gas, illuminating and heating.....	13	134,177,693	21,071,975	21,602,512	61,155,817	30,447,380	961	1,030,579	4,065	3,037,265	
109	Gas machines and meters.....	9	496,829	78,706	79,397	113,667	224,559	7	82	40,055	240	151,017
110	Glass.....	9	348,907	117,525	99,900	127,743	503,730	6	46	48,560	994	440,655
111	Glass, cutting, staining, and ornamenting.....	108	1,106,651	16,500	12,500	131,787	945,864	141	114	111,416	1,302	759,462
112	Gloves and mittens.....	34	245,410			81,060	214,350	38	27	24,780	483	191,851
113	Glue.....	5	180,680			30,580	150,100	6	18	18,446	28	18,722
114	Gold and silver, leaf and foil.....	36	401,891	57,000	44,600	74,945	225,346	43	20	22,400	446	199,790
115	Gold and silver, reducing and refining, not from the ore.....	14	602,450	104,000	135,000	73,850	290,100	18	8	9,770	54	88,024
116	Grease and tallow.....	12	999,877	133,900	208,739	193,788	465,450	15	44	56,030	334	185,590
117	Hairwork.....	68	457,865	1,500	2,500	23,600	429,765	77	22	19,130	362	142,085
118	Hand knit goods.....	14	100,155	2,200	2,100	20,375	75,480	18	19	11,650	156	84,869
119	Hand stamps.....	33	251,051			108,579	141,472	37	16	18,328	212	102,373
120	Hardware.....	32	898,853	18,600	20,000	899,935	490,318	36	73	90,115	703	336,939
121	Hardware, saddlery.....	7	40,050			22,800	17,750	9	4	2,444	47	28,490
122	Hat and cap materials.....	28	754,675	35,500	38,500	108,885	571,790	37	24	27,918	610	196,848
123	Hats and caps, not including fur hats and wool hats.....	256	2,474,510	79,200	50,800	278,738	2,095,772	372	183	188,971	4,126	1,890,189
124	Hosiery and knit goods.....	59	2,626,598	70,200	237,827	628,944	1,029,637	70	143	183,405	2,365	889,180
125	House furnishing goods, not elsewhere specified.....	51	979,032	47,000	39,000	202,818	630,244	65	151	117,806	1,213	418,205
126	Ice, manufactured.....	26	2,042,582	238,104	487,959	1,127,606	148,913	13	45	37,882	256	162,602
127	Ink, printing.....	22	1,057,204	94,800	230,700	153,176	578,588	22	123	152,092	191	117,041
128	Ink, writing.....	6	430,623	53,000	61,355	47,222	269,086	8	18	26,090	97	46,768
129	Instruments, professional and scientific.....	81	761,000	48,000	27,700	201,632	483,698	106	71	68,508	582	344,042
130	Iron and steel.....	6	1,233,435	100,000	141,533	362,338	669,598	8	47	78,344	706	381,806
131	Iron and steel, bolts, nuts, washers, and rivets.....	4	244,884	34,000	55,000	80,635	66,240	8	12	10,672	96	62,670
132	Iron and steel, doors and shutters.....	5	20,760			11,000	9,760	7	7		30	31,584
133	Iron and steel, forgings.....	6	637,703	87,666	96,111	179,018	244,064	5	27	32,654	173	126,861
134	Iron and steel, nails and spikes, cut and wrought, including wire nails.....	8	245,900	35,000	32,000	42,500	136,400	11	8	1,836	103	60,570
135	Ironwork, architectural and ornamental.....	175	5,333,034	807,000	792,100	1,018,587	2,685,347	214	303	366,887	4,305	2,640,962
136	Ivory and bone work.....	28	261,366	7,000	19,000	57,303	168,008	31	22	22,206	306	126,415
137	Japanning.....	7	9,119		700	3,025	5,894	8	8		18	10,781
138	Jewelry.....	229	5,454,165	9,500	37,000	663,820	4,743,845	333	282	270,809	2,853	1,901,291
139	Jewelry and instrument cases.....	33	817,510	7,160	7,200	48,988	254,222	42	28	18,720	396	179,692
140	Kaolin and other earth grinding.....	6	77,704	13,000	8,706	13,948	42,050	9	2	2,620	38	22,300
141	Kindling wood.....	12	329,297	152,500	72,500	53,350	60,947	19	15	12,580	179	104,063
142	Labels and tags.....	13	143,985			81,977	61,958	13	25	47,596	174	79,495
143	Lamps and reflectors.....	28	707,148	14,100	17,500	201,654	683,894	20	104	109,631	603	310,833
144	Lapidary work.....	87	2,975,775	33,000	335,500	67,903	2,578,775	49	34	45,761	318	450,634
145	Laths.....	8	78,742			46,294	32,448	7	10	13,087	163	68,404
146	Lead, bar, pipe, and sheet.....	5	534,500	25,000	15,000	106,500	888,000	7	22	28,180	77	41,840
147	Leather goods.....	113	2,635,149	27,400	28,100	291,166	2,888,488	143	282	271,491	2,826	1,125,206
148	Leather, tanned, curried, and finished.....	17	2,305,141	77,600	186,800	286,979	1,864,262	25	29	32,590	750	362,114
149	Lime and cement.....	11	1,555,379	274,000	201,600	526,701	493,178	10	54	63,406	747	359,500
150	Liquors, malt.....	80	65,585,624	9,871,952	13,904,167	9,820,617	31,988,838	30	961	2,543,117	4,824	3,853,623
151	Lithographing and engraving.....	94	10,653,023	204,000	603,523	4,782,339	5,118,158	95	672	852,783	5,474	3,063,777
152	Lock and gun smithing.....	310	330,118	42,200	19,950	96,960	171,008	332	12	11,660	250	148,519
153	Looking-glass and picture frames.....	215	1,284,196	19,400	73,500	181,305	959,991	247	123	133,403	1,244	670,528
154	Lumber and timber products.....	7	390,143	29,874	14,200	104,305	241,789	8	22	22,963	194	118,830
155	Lumber, planing mill products, including sash, doors, and blinds.....	120	5,811,781	701,827	864,072	887,063	3,858,769	173	267	828,237	3,020	2,094,242
156	Malt.....	8	4,503,467	1,366,783	1,328,618	323,570	1,484,496	1	9	18,228	200	72,632
157	Mantels, slate, marble, and marbleized.....	6	601,942	55,000	20,500	34,000	492,442	5	55	56,361	286	203,851
158	Marble and stone work.....	164	5,692,877	955,200	471,818	1,404,684	2,791,275	225	221	274,612	3,771	2,880,158
159	Masonry, brick and stone.....	383	9,891,288	798,000	636,293	998,256	7,400,723	461	325	576,145	10,236	7,080,252
160	Mattresses and spring beds.....	95	813,266	0,000	3,000	93,561	707,705	122	104	130,405	862	443,274
161	Millinery and lace goods.....	383	7,692,055	52,450	65,000	1,104,050	6,470,635	559	1,180	1,062,109	11,213	4,014,161

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.				Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.				
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.												
23	\$13,074					\$9,827	\$1,100	\$867	\$7,360		\$96,145	\$94,820	\$1,325	\$140,985	92		
84	37,607	76	\$19,856	30	\$4,564	55,165	19,870	225	34,870	\$200	283,043	280,933	2,110	512,470	93		
94	57,125	55	22,262			68,933	23,471	2,621	42,841		481,052	478,570	2,482	986,077	94		
478	301,924	65	12,841			239,731	8,878	21,880	213,973		7,837,151	7,801,223	85,928	8,813,487	95		
812	366,903	316	68,772	5	924	323,587	65,469	12,684	245,494		2,698,556	2,651,300	47,256	4,442,717	96		
19,237	11,806,224	271	79,556	52	11,421	3,808,701	561,451	256,676	2,091,579	898,995	16,034,886	15,464,826	570,010	41,039,475	97		
147	65,317	227	52,908	5	468	81,448	7,760	1,511	22,177		545,957	540,539	5,418	880,865	98		
2,611	1,723,553	1,561	660,499	12	2,096	1,160,728	400,241	6,946	462,869	290,672	8,432,933	8,407,813	25,620	15,238,840	99		
946	678,120	445	187,926	4	606	132,373	8,100	4,238	109,240	10,750	890,919	865,202	25,717	2,241,347	100		
1,452	813,898	6,448	2,021,901	47	9,440	1,088,026	314,235	11,458	442,536	319,797	11,065,190	11,034,116	31,074	18,716,313	101		
2,277	1,681,883	406	149,312	18	3,889	726,687	299,358	7,538	169,270	250,521	2,317,602	2,292,084	25,518	6,574,512	102		
6,574	3,822,848	179	71,074	7	1,614	1,146,815	376,103	32,457	579,173	159,082	5,581,780	5,513,595	68,185	13,216,405	103		
449	292,510	7	4,304	1	300	29,492	11,918	1,856	15,718		234,802	228,838	10,964	749,288	104		
41	21,229					4,260	2,740	340	1,180		149,487	147,562	1,925	220,253	105		
2,061	1,143,662	28	8,191	12	2,138	394,969	81,544	24,431	227,268	1,726	1,875,992	1,335,833	40,159	3,720,229	106		
167	88,437					44,634	15,300	310	27,024	2,000	412,666	408,971	3,695	622,381	107		
4,065	3,037,265					4,244,563	2,400	1,118,411	3,123,752		5,040,709	4,742,679	298,030	17,116,039	108		
226	147,582	14	3,465			31,678	7,446	5,147	19,085		269,792	262,807	6,955	543,067	109		
778	400,817	24	6,000	192	33,838	66,406	7,300	2,695	56,351	60	286,711	204,919	81,792	939,532	110		
1,164	710,121	117	45,131	21	4,210	277,794	86,024	4,465	137,471	49,834	1,138,100	1,120,781	17,319	2,641,428	111		
104	74,021	378	117,655	1	175	38,189	21,817	700	11,125	5,047	235,998	233,579	2,419	586,061	112		
23	17,222	5	1,500			13,187	4,946	800	7,441		259,696	258,825	871	391,500	113		
218	131,266	225	67,975	3	558	17,609	7,712	1,247	8,470	180	652,138	649,083	3,055	1,184,194	114		
54	38,624					24,890	9,008	2,840	12,292	750	4,313,818	4,308,124	5,694	4,528,119	115		
828	183,874	6	1,716			76,806	6,620	5,298	64,888		1,392,199	1,362,952	29,247	1,833,941	116		
87	53,593	275	88,492			97,914	48,088	63	44,547	5,216	283,513	281,741	1,772	798,654	117		
14	5,414	142	27,955			8,625	4,365	231	2,449	980	45,534	45,454	80	137,376	118		
182	91,854	29	10,819	1	300	46,088	17,167	109	25,482	3,330	97,734	94,933	2,801	390,355	119		
626	317,458	69	16,696	8	2,785	76,940	36,727	2,591	29,022	8,600	532,668	518,991	13,677	1,313,490	120		
46	28,126	1	364			4,558	2,990		1,568		18,573	17,072	1,501	87,484	121		
269	123,925	813	69,426	28	2,992	54,321	13,364	2,059	30,648	3,250	1,255,887	1,246,016	9,871	1,751,350	122		
2,662	1,409,619	1,457	485,304	7	1,266	329,888	183,604	2,826	119,911	18,547	4,034,872	4,026,642	28,230	7,932,431	123		
438	255,180	1,889	628,330	38	5,670	226,845	45,146	3,030	122,752	55,417	1,736,700	1,772,041	14,659	3,439,937	124		
489	224,756	704	190,259	20	3,190	199,886	52,995	1,848	100,153	44,890	1,794,292	1,780,479	13,813	2,890,736	125		
256	162,602					160,863	80,576	11,399	98,312	20,576	280,507	70,215	160,292	900,303	126		
186	115,395	5	1,646			101,267	23,726	2,867	74,674		680,979	662,894	18,085	1,330,503	127		
54	34,486	43	12,272			42,103	3,645	3,203	30,055		255,430	253,587	1,843	499,211	128		
550	333,433	25	9,116	7	1,493	81,636	33,173	1,678	33,533	8,197	254,530	244,142	10,288	932,843	129		
706	381,896					66,054	16,640	8,611	40,893		528,382	467,770	60,612	1,235,909	130		
94	51,942			2	728	13,992	225	1,374	3,393	9,000	108,840	104,560	4,280	219,672	131		
80	31,534					4,211	3,252		959		26,260	25,518	742	87,080	132		
173	125,381					49,304	1,420	2,134	45,700		141,926	127,483	14,443	467,975	133		
101	59,870	1	200	1	500	6,647	3,880	1,260	1,997	10	212,839	208,055	4,754	349,414	134		
4,297	2,688,830	3	1,092	5	1,040	716,609	112,146	24,080	229,313	351,070	6,175,509	6,094,054	81,455	11,389,721	135		
256	116,703	49	9,452	1	260	19,563	10,330	385	7,600	1,200	226,582	222,252	4,330	500,336	136		
17	10,570	1	211			2,828	2,010		818		7,375	6,713	657	28,110	137		
2,266	1,729,090	440	151,511	127	20,690	458,436	138,333	2,333	234,282	82,433	5,160,102	5,120,096	40,006	9,712,179	138		
218	127,272	165	50,360	12	2,060	56,805	20,221	306	15,933	20,340	235,514	230,669	4,845	657,641	139		
38	22,300					7,453	2,800	361	4,297		73,067	68,965	6,112	134,475	140		
176	103,616			3	450	80,558	14,523	5,910	10,120		213,053	211,011	2,042	434,090	141		
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,606	5,500	82,202	79,224	2,978	295,007	142		
537	293,618	65	16,760	1	460	106,631	34,973	2,643	57,315	11,200	507,635	499,062	8,573	1,243,888	143		
376	444,676	14	4,571	8	1,337	66,886	20,533	4,343	40,751		4,514,539	4,506,513	8,026	5,500,861	144		
103	58,404					23,985	6,470	231	17,284		50,409	48,011	2,398	185,730	145		
75	41,240	2	600			49,954	11,940	1,004	37,010		1,310,476	1,299,545	10,931	1,591,540	146		
1,763	829,740	1,007	286,218	56	10,248	528,486	104,513	3,047	374,556	46,370	3,414,602	3,397,924	16,678	6,119,864	147		
662	335,384	38	26,730			63,083	14,860	3,260	44,963		2,478,878	2,464,557	19,321	3,331,136	148		
740	357,130	5	2,000	2	400	154,445	32,200	14,186	107,769	300	752,713	683,680	69,033	1,736,858	149		
4,816	3,851,219	6	1,584	2	720	19,253,530	30,340	378,109	18,795,031		7,688,529	7,085,073	603,456	39,105,837	150		
4,416	2,794,348	829	234,737	229	34,692	1,412,338	269,657	36,453	1,019,096	87,132	3,296,875	3,219,207	77,668	9,655,798	151		
239	145,593	6	1,964	5	962	76,161	64,646	884	9,500	1,123	139,064	130,757	8,307	629,476	152		
1,172	655,678	53	11,522	19	3,333	270,156	146,284	4,977	109,363	9,532	1,244,745	1,238,125	11,620	2,964,261	153		
194	118,8																

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIES OF OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
162	Millinery, custom work	517	\$1,857,453	\$114,800	\$105,600	\$91,567	\$1,545,486	585	277	\$164,290	2,886	\$1,087,181
163	Mineral and soda waters	279	4,203,724	705,100	723,622	1,632,420	1,148,682	340	212	233,775	1,781	1,041,207
164	Mirrors	81	1,425,584	10,000	30,000	177,849	1,208,735	51	51	106,550	913	599,286
165	Models and patterns	72	413,135	22,500	43,500	121,808	222,327	87	26	27,854	414	297,201
166	Monuments and tombstones	111	1,687,399	211,820	111,543	115,798	648,238	127	28	31,598	718	536,170
167	Mucilage and paste	8	84,575	1,800	200	15,575	67,000	5	25	19,716	35	20,094
168	Musical instruments and materials, not specified.	42	997,279	32,200	37,300	132,939	794,840	42	30	39,246	350	197,191
169	Musical instruments, organs and materials.	10	145,906	18,000	17,000	23,900	87,000	14	1	2,500	85	71,012
170	Musical instruments, pianos and materials.	95	11,371,771	1,093,084	1,582,883	728,026	7,967,828	107	375	554,036	5,664	3,397,522
171	Oil, essential	6	198,725	50,000	30,000	25,025	93,700	1	10	9,670	22	17,415
172	Oil, lard	3	218,773	15,000	15,000	18,516	175,257	3	14	14,142	47	25,084
173	Oil, linseed	3	1,603,942	600,000	222,000	230,321	571,621	1	7	13,560	99	55,140
174	Oil, not elsewhere specified	80	1,057,568	85,500	78,700	188,810	704,558	41	125	135,226	209	126,227
175	Optical goods	54	555,575	35,000	32,500	81,425	409,650	72	88	78,460	231	157,818
176	Painting, house, sign, etc	1,688	3,958,615	414,850	411,700	589,394	2,542,671	1,970	251	186,380	8,114	6,703,689
177	Paints	61	10,354,097	2,061,183	958,937	1,310,897	6,020,083	22	420	640,800	1,970	1,065,584
178	Paper goods, not elsewhere specified	57	3,863,376	232,000	457,704	737,427	1,916,245	70	241	307,754	1,735	645,865
179	Paper hanging	21	116,206	900	900	12,028	102,580	23	2	1,380	160	71,507
180	Paper hangings	12	3,097,591	115,000	229,980	1,180,259	1,572,352	6	197	352,421	1,603	911,873
181	Paper patterns	6	191,914	30,000	70,000	21,025	70,889	2	86	58,452	625	189,564
182	Patent medicines and compounds	180	7,256,270	942,583	1,058,694	645,623	4,579,423	155	716	839,297	1,578	671,519
183	Paving and paving materials	40	8,700,607	4,397,918	815,505	1,076,390	2,910,799	35	113	187,717	1,489	754,986
184	Pens, fountain and stylographic	9	261,070			25,175	236,495	8	49	56,834	105	48,395
185	Pens, gold	14	307,734			88,856	218,878	17	39	45,672	301	191,623
186	Perfumery and cosmetics	63	1,383,134	5,700	32,700	103,063	1,161,671	70	264	334,203	539	199,535
187	Phonographs and graphophones	3	77,800			46,600	31,200	1	2	5,000	66	38,072
188	Photographic apparatus	8	126,011			18,850	107,161	4	17	19,050	79	40,020
189	Photographic materials	13	62,146	2,400	2,000	27,550	30,195	16	1	7,690	67	21,646
190	Photography	393	1,021,997	44,750	50,350	422,053	503,989	432	125	114,115	870	481,180
191	Photolithography and photoengraving.	47	491,262			240,505	250,757	65	129	121,304	667	518,116
192	Pickles, preserves, and sauces	73	1,270,583	219,200	191,050	307,544	552,789	84	160	171,816	608	300,776
193	Pipes, tobacco	34	662,975	2,000	2,400	104,555	554,020	41	80	73,289	837	477,521
194	Plastering and stucco work	115	605,816	30,700	13,700	111,887	462,529	166	37	40,340	1,013	817,707
195	Plated and britannia ware	7	158,133			63,498	94,635	12	28	19,730	211	96,372
196	Plumbers' supplies	31	1,262,478	139,700	121,800	235,198	675,785	26	103	125,438	511	287,625
197	Plumbing, and gas and steam fitting	1,608	5,967,588	702,085	603,116	704,752	3,957,635	1,817	354	366,000	8,149	5,770,198
198	Pocketbooks	49	340,987	12,500	41,000	28,706	258,641	61	62	47,776	519	238,539
199	Pottery, terra cotta, and fire-clay products.	17	1,867,408	556,640	430,915	267,929	561,924	15	74	91,148	934	394,029
200	Printing and publishing, book and job	996	19,107,954	554,000	556,892	9,632,219	8,324,848	1,190	1,552	1,050,166	12,857	7,730,447
201	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,736
202	Printing and publishing, newspapers and periodicals	413	40,866,549	3,014,700	2,579,635	9,646,072	25,595,242	279	6,146	7,951,267	9,888	7,701,098
203	Printing materials	16	315,497			134,806	180,691	11	20	26,051	121	60,741
204	Refrigerators	13	533,280	80,500	120,000	69,550	277,239	16	23	21,849	419	191,250
205	Regalia and society banners and emblems.	32	174,318			26,751	147,567	35	24	17,977	101	40,608
206	Roofing and roofing materials	197	1,027,003	323,900	274,168	240,809	788,126	222	78	108,318	946	601,087
207	Rubber and elastic goods	50	3,378,258	154,923	240,341	644,972	2,338,022	55	192	252,601	1,871	780,968
208	Saddlery and harness	364	1,084,290	121,474	128,476	110,407	723,983	383	48	43,105	758	432,578
209	Safes and vaults	3	446,425	70,000	9,000	301,625	65,800	2	3	3,996	35	22,551
210	Sausage	28	190,383	30,200	50,500	31,924	68,769	82	10	8,424	84	52,118
211	Saws	6	25,565	4,600	4,000	10,900	6,065	6	1	600	9	4,392
212	Scales and balances	8	180,500	5,500	4,000	26,350	144,650	8	30	20,244	138	68,655
213	Sewing machine repairing	64	117,561	10,000	13,900	22,750	71,511	103	2	988	85	45,876
214	Sewing machines and attachments	11	126,282			87,660	88,632	12	42	27,672	75	40,672
215	Ship and boat building, wooden	83	8,974,116	938,732	422,212	1,047,141	1,566,081	118	77	117,676	2,484	1,493,448
216	Shipbuilding, iron and steel	7	1,918,982	734,566	169,038	410,953	604,377	5	50	80,895	1,445	879,667
217	Shirts	216	4,689,730	58,000	85,000	281,650	4,265,074	316	543	426,405	4,506	1,877,080
218	Show cases	11	161,074	16,000	7,000	28,700	99,374	12	23	19,859	226	110,649
219	Silk and silk goods	68	7,073,106	112,700	248,830	2,046,271	4,645,805	70	252	375,420	5,536	2,230,419
220	Silversmithing	22	466,775	12,500	15,000	106,650	332,625	31	29	36,092	477	298,651
221	Silverware	18	2,535,046	175,000	75,000	695,737	1,589,809	18	189	203,750	1,159	672,584
222	Slaughtering and meat packing, wholesale.	22	1,537,303	292,250	341,000	242,517	681,586	33	102	102,316	508	306,627
223	Slaughtering, wholesale, not including meat packing.	30	7,709,958	835,000	2,290,000	832,150	3,752,808	38	253	368,588	1,424	594,890
224	Smelting and refining, not from the ore.	7	819,291	150,700	69,500	46,350	552,741	9	75	97,378	160	120,005
225	Soap and candles	50	4,054,753	533,912	417,423	771,749	2,381,666	60	192	249,797	981	467,582
226	Soda water apparatus	8	689,784	8,000	10,000	118,308	558,426	7	68	62,122	287	115,410
227	Sporting goods	35	340,611	18,000	18,000	52,015	261,696	37	45	33,732	217	85,490
228	Springs, steel, car and carriage	3	90,622	20,000	10,000	34,092	26,530	2	12	19,626	54	24,115
229	Stamped ware	36	4,016,903	246,000	804,500	979,583	1,986,270	45	155	174,959	2,772	1,078,128
230	Stationery goods, not elsewhere specified.	35	1,091,353	155,012	185,125	200,820	606,396	38	100	97,311	639	263,778
231	Steam fittings and heating apparatus	27	2,365,199	159,700	186,080	499,123	1,520,316	31	152	273,020	1,332	887,476

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
88 1,761 730 851 713	\$44,407 1,036,832 486,896 277,540 536,170	2,723 4 70 59	\$1,039,138 1,275 19,840 18,681	25 16 13 4	\$3,586 3,100 2,450 980	\$526,190 512,866 188,817 60,721 76,177	\$396,161 110,904 72,175 29,872 32,382	\$5,397 35,817 1,566 10,714 4,694	\$123,007 366,145 110,276 16,635 31,381	\$1,625 4,800 8,500 7,720	\$2,900,491 1,314,248 2,466,645 182,243 779,504	\$2,886,070 1,274,907 2,447,702 171,186 772,184	\$14,421 39,341 18,943 11,057 7,320	\$6,023,164 4,240,811 3,884,448 766,427 1,769,800	162 163 164 165 166
33 298 83	19,194 184,801 70,512	2 44	900 10,390			29,412 43,893	7,690 21,254	237 2,058	21,485 19,281		102,519 209,184	99,445 203,539	3,074 5,645	213,420 566,167	167 168 169
5,501 21 46 99 201 228 8,028	3,370,396 16,990 25,695 55,140 124,207 141,032 6,677,113	6 1 1 7 53 68	1,708 425 239 1,708 15,098 21,677	157 25,418		1,021,742 34,479	201,586 2,417	58,065 1,200	695,676 30,862	66,415	5,560,933 186,123	5,486,187 179,480	74,746 6,613	12,650,905 272,161	170 171
1,794 800 160 1,430 64	1,020,665 400,307 71,307 856,256 57,495	170 882 215 561	43,539 239,073 65,833 132,009	6 43 48	1,380 6,485 10,284	716,014 369,612 8,606 203,785 21,981	97,503 87,784 6,495 86,863 6,600	58,670 14,625 32 17,713 1,816	554,841 248,203 1,279 99,189 13,565	5,000 19,000 800	7,610,946 2,240,083 73,651 2,004,702 86,420	7,500,618 2,205,312 73,394 1,944,217 85,960	110,328 34,771 257 60,485 460	11,407,160 4,003,799 238,396 3,888,432 887,800	177 178 179 180 181
792 1,487 94 273 164	449,649 754,680 44,620 181,517 89,704	781 10 28 398	221,044 8,550 10,106 108,288	5 2 1 7	326 306 225 1,343	3,438,778 107,412 72,871 27,845 341,809	138,774 34,393 11,620 12,574 66,035	44,322 11,166 142 271 5,108	3,208,871 120,353 58,609 11,000 270,366	46,811 1,500 2,000 3,400 300	2,898,491 1,747,370 235,550 264,188 1,250,702	2,850,436 1,702,859 233,714 201,125 1,243,950	48,055 44,511 1,836 3,013 6,752	9,792,820 3,495,563 524,079 637,693 2,605,514	182 183 184 185 186
56 73 42 674 644	34,672 37,770 18,544 401,393 505,781	10 6 24 180 12	4,000 2,250 5,920 76,493 10,225			6,516 20,433 8,499 323,875 35,782	2,840 5,508 5,674 241,588 49,572	48 87 100 2,101 364	3,658 11,838 2,735 73,111 29,421		46,148 20,949 2,735 54,565 623,605 206,388	45,800 25,970 53,855 614,633 193,996	848 979 710 8,972 12,342	119,930 141,472 131,280 2,232,130 1,090,257	187 188 189 190 191
895 692 976 179 509	218,030 421,931 805,751 87,460 286,939	295 137 30 81 2	86,246 54,020 10,546 8,766	8 8 7 1 2	1,500 1,570 1,500 156 685	340,502 83,468 96,259 22,550 125,523	69,557 29,204 48,790 10,052 32,020	6,818 145 2,180 330 8,339	264,127 42,974 19,145 12,028 72,176		1,747,762 801,730 324,535 112,400 900,177	1,726,903 792,359 320,593 107,252 885,979	20,859 9,431 3,942 5,143 14,198	2,877,471 1,673,350 1,575,292 335,413 1,664,212	192 193 194 195 196
8,065 401 807	5,751,109 190,764 360,137	1 133 127	225 40,789 33,892	83 15	18,864 1,986	751,945 48,515 198,993	425,291 18,494 4,210	21,482 730 15,254	192,179 27,129 179,529	112,993 2,162	10,016,830 431,759 214,625	9,917,498 429,233 127,315	99,332 2,526 87,310	21,194,749 932,957 1,144,780	197 198 199
10,829 190 8,065	6,967,211 110,066 6,967,136	1,915 23 1,736	739,681 9,240 687,673	113 2	23,555 430	4,404,740 251,297	910,590 37,887	37,933 250	1,356,218 40,234	2,099,949 173,426	7,206,921 160,647	6,950,448 156,599	247,473 4,048	26,484,933 853,862	200 201
113 414 26	67,211 190,106 15,160	8 75	2,530 25,448			28,049 63,781 46,505	15,884 9,348 18,489	800 4,031 86	11,865 30,402 14,460		141,823 367,892 143,783	136,846 363,985 143,081	4,477 3,907 757	355,227 758,054 301,104	203 204 205
941 844 715 35 84 9	600,969 461,138 420,396 22,854 53,118 4,932	1 987 37	468 270,571 11,000	4 40 6	250 7,659 1,182	174,637 270,751 171,808 4,575 20,316 5,321	47,402 52,427 106,136 2,820 9,781 806	6,888 10,129 4,371 1,365 1,338 100	105,822 174,475 60,496 390 8,331 1,115	14,525 33,720 305	1,140,421 2,606,126 683,008 22,386 341,388 8,230	1,109,688 2,558,562 674,492 20,886 385,732 7,844	30,733 47,564 8,516 1,500 5,656 386	2,429,984 4,668,440 1,342,573 60,303 480,595 27,800	206 207 208 209 210 211
137 83 75 2,446 1,437	68,505 45,136 40,672 1,485,034 876,911	2 9 2	740 4,136 936			39,837 27,054 22,507 144,872 74,101	27,992 22,420 6,810 58,872 11,400	1,942 232 56 18,580 13,919	9,903 4,102 15,131 56,779 23,782		65,479 70,119 48,072 1,267,853 741,189	63,092 93,646 40,375 1,244,991 726,082	2,387 1,473 1,697 22,862 15,107	245,415 225,766 194,006 3,919,804 2,212,515	212 213 214 215 216
1,928 218 2,286 414 1,064	1,060,146 118,049 1,170,249 275,857 615,364	2,561 8 3,069 57 66	813,649 1,600 1,040,345 21,914 46,570	17 23 181 6 29	3,291 3,292 28,825 880 10,760	2,812,342 28,572 1,809,980 41,754 249,231	208,714 12,579 166,863 18,104 58,485	2,599 725 18,408 860 15,234	501,440 9,268 399,800 21,640 172,512	2,099,589 1,000 724,909 1,150 3,000	7,240,088 171,627 4,714,785 450,737 1,240,726	7,215,214 168,237 4,656,514 445,185 1,224,272	24,874 3,390 59,271 6,552 16,454	14,212,181 410,055 9,521,954 1,028,361 2,741,994	217 218 219 220 221
500 1,423	305,933 994,595	5 1	2,000 304	3	694	163,220 725,813	29,573 75,410	11,984 39,572	121,663 610,132		7,033,012 30,975,865	7,015,508 30,897,895	22,509 77,970	7,955,806 34,923,412	222 223
160 743 277	126,905 400,319 113,269	180 9	57,422 1,985	58 1	9,841 156	126,639 1,571,713 72,918	4,809 93,065 17,678	3,219 17,415 5,103	118,611 1,457,996 50,137		1,428,039 4,529,480 246,124	1,404,813 4,479,450 241,395	23,226 50,030 4,729	2,073,751 7,729,792 694,148	224 225 226
120 54 1,809 228	58,923 24,115 860,376 125,162	88 733 404	24,262 196,122 180,303	9 225 7	2,300 22,690 1,313	21,031 11,975 315,885 143,376	11,346 5,120 37,660 86,060	710 787 14,632 3,810	8,225 2,568 257,743 97,706	750 3,500 5,850 5,800	86,018 56,805 1,814,534 635,815	83,123 52,789 1,814,534 626,209	2,893 3,926 77,551 9,104	233,626 135,391 4,059,668 1,511,850	227 228 229 230
1,266	821,005	64	15,950	2	520	826,403	45,492	7,864	261,719	11,828	2,209,181	2,184,584	24,597	4,144,977	231

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

NEW YORK CITY—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
232 Steam packing	21	\$253,864	\$4,000	\$5,000	\$56,998	\$187,866	22	43	\$51,532	88	\$40,860
233 Stencils and brands	17	107,913			38,873	39,040	24	6	6,388	133	62,847
234 Stereotyping and electrotyping	26	603,764	8,000	4,000	252,972	338,782	29	70	66,001	468	338,762
235 Sugar and molasses, refining	12	62,423,250	6,930,303	5,202,763	11,065,097	39,165,087	18	334	483,913	3,075	1,791,629
236 Surgical appliances	41	153,947	2,600	4,400	42,808	112,139	40	82	24,010	117	64,642
237 Taxidermy	12	72,922	2,600	4,800	1,170	64,350	18	5	8,224	38	26,142
238 Tin andterne plate	4	245,579	20,103	44,300	55,179	146,003	2	23	28,430	55	25,309
239 Tinfoil	7	1,821,557	101,603	1,002,500	441,800	276,757	7	28	42,832	398	167,488
240 Tinsmithing, coppersmithing, and sheet-iron working.	821	6,550,984	621,493	840,668	1,569,851	3,618,967	929	332	354,273	6,066	3,521,009
241 Tobacco, chewing, smoking, and snuff.	13	1,134,692	49,000	70,300	193,918	821,474	6	81	124,221	755	292,741
242 Tobacco, cigars and cigarettes	1,841	15,669,371	698,666	906,681	865,832	13,168,692	2,044	937	1,191,016	20,519	8,875,892
243 Tools, not elsewhere specified	52	1,416,860	35,400	52,375	32,704	1,233,261	66	25	10,245	239	138,313
244 Toys and games	38	531,161	15,500	24,250	140,885	350,525	46	33	33,788	463	172,954
245 Trunks and valises	75	808,983	22,000	19,000	74,923	698,010	92	93	77,081	910	476,242
246 Type founding	5	563,000			310,000	244,000	8	29	45,421	271	148,248
247 Typewriter repairing	6	9,730			5,200	4,530	4	5	8,800	27	20,459
248 Typewriters and supplies	14	997,719	53,000	40,000	302,895	544,894	7	96	87,102	466	251,365
249 Umbrellas and canes	106	1,569,413	33,600	58,500	170,136	1,302,177	147	133	155,713	1,560	603,214
250 Upholstering materials	27	371,205	16,000	9,800	53,169	292,236	40	46	35,485	475	182,326
251 Varnish	32	5,470,228	628,018	608,087	414,215	3,827,908	18	288	629,430	521	335,291
252 Vault lights and ventilators	8	78,630	2,500	4,000	32,600	39,500	10	5	9,180	98	56,669
253 Vinegar and cider	8	229,314	23,000	45,000	66,661	88,653	8	3	2,368	63	35,633
254 Watch and clock materials	3	11,968			5,000	6,968	2	1	411	3	1,221
255 Watch cases	12	780,783	10,500	20,235	141,198	602,770	13	33	65,330	470	840,220
256 Watch, clock, and jewelry repairing	889	909,624	45,900	82,550	217,886	568,788	957	33	27,438	749	454,850
257 Whalebone and rattan	3	56,230			4,200	52,000	3			14	7,856
258 Whips	4	4,830			1,350	3,500	4			8	3,704
259 Window shades	52	875,728	84,401	41,939	122,801	627,027	60	69	79,862	340	158,287
260 Wirework, including wire rope and cable.	65	768,358	90,608	90,490	167,625	414,124	79	60	64,432	573	282,244
261 Wood, turned and carved	104	470,640	28,400	33,500	178,080	224,660	120	21	14,760	526	332,605
262 Woodenware, not elsewhere specified	3	8,250			2,100	6,150	6			22	10,240
263 Woolen goods	9	1,281,491	80,000	97,882	878,878	675,231	11	100	90,406	878	258,641
264 All other industries ¹	57	24,061,532	3,335,823	2,502,808	7,687,821	10,536,080	61	460	867,250	7,330	3,118,697

¹ Embraces agricultural implements, 2; bells, 1; brass, 1; brass and copper, rolled, 1; brick and tile, 2; cardboard, 1; cheese, butter, and condensed milk, factory product, 1; copper, smelting and refining, 1; cotton, cleaning and rebanding, 1; felt goods, 1; firearms, 1; bones and whetstones, 1; jute and jute goods, 2; lard, refined, 2; leather board, 1; liquors, various, 1; mats and matting, 2; millstones, 1; needles and pins, 1; oilcloth, enameled, 1; oilcloth, floor, 2; ordinance and ordnance stores, 1; paper and wood pulp, 2; pencils, lead, 2; petroleum, refining, 1; pulp goods, 2; pumps, not including steam pumps, 2; registers, carlars, 1;

BOROUGH OF BROOKLYN.

1	All industries	10,713	\$271,875,301	\$31,640,913	\$40,350,381	\$61,067,105	\$138,316,951	11,708	7,332	\$9,350,992	100,881	\$51,107,604
2	Artificial feathers and flowers	8	30,409	12,000	8,000	7,893	2,514	48	8	4,160	33	11,378
3	Awnings, tents, and sails	43	69,243	4,050	5,953	44,628	44,628	7			11	56,112
4	Baskets, and rattan and willow ware	15	192,060	14,045	26,453	48,959	102,703	15	11	13,793	172	40,351
5	Belting and hose, leather	4	301,689			29,877	280,812	3	18	36,007	100	50,012
6	Bicycle and tricycle repairing	145	189,709	12,750	24,300	66,018	86,641	165	8	4,300	102	84,539
7	Blacksmithing and wheelwrighting	371	1,014,911	282,525	258,215	172,118	302,053	409	18	15,850	793	543,001
8	Baling	3	10,200	3,530	4,500	550	1,650	5			3	1,144
9	Bookbinding and blank book making	19	416,702	3,030	2,000	180,170	230,532	18	22	37,020	392	182,514
10	Boot and shoe cut stock	4	15,350			1,250	14,100	5			14	5,480
11	Boot and shoe findings	3	29,850			8,550	23,300	3	3	8,000	25	9,408
12	Boot and shoe uppers	10	14,710	4,500	4,000	3,550	2,660	12			27	11,044
13	Boots and shoes, custom work and repairing	1,229	383,014	63,082	79,368	99,121	141,443	1,240	1	600	460	105,834
14	Boots and shoes, factory product	44	2,708,740	118,530	213,669	634,391	1,742,181	59	195	204,950	3,404	1,519,228
15	Bottling	33	467,408	59,630	119,050	83,193	202,665	35	20	31,716	242	138,500
16	Boxes, cigar	7	47,300	3,200	4,500	14,250	25,350	10			69	33,876
17	Boxes, fancy and paper	20	223,520	8,700	17,303	93,842	100,678	24	36	31,801	602	183,590
18	Boxes, wooden packing	3	984,174	152,600	157,000	153,725	470,849	10	22	23,196	800	320,537
19	Brass castings and brass finishing	23	870,140	72,700	60,103	89,617	147,723	32	10	11,656	172	91,795
20	Brassware	13	354,300	7,390	9,703	173,900	163,400	12	23	19,900	878	189,248
21	Bread and other bakery products	836	3,251,058	723,019	1,027,634	653,891	841,484	819	294	201,813	2,848	1,710,506
22	Brooms and brushes	30	740,627	36,000	54,967	89,974	559,586	32	65	41,089	589	226,278
23	Buttons	3	54,050			23,350	30,700	2	2	2,240	261	65,720
24	Carpentering	472	2,548,773	341,050	341,175	262,346	1,581,202	523	63	55,278	2,674	1,017,084
25	Carpets, rag	10	7,368	1,000	200	1,650	4,518	10			9	3,480
26	Carriages and sleds, children's	3	36,450	1,500	7,500	3,550	23,900	8	1	1,200	46	24,152
27	Carriages and wagons	33	876,835	132,000	176,460	136,876	401,510	108	14	13,820	575	344,826
28	Chemicals	17	2,108,531	149,000	322,118	243,271	1,392,142	8	83	117,859	390	209,544
29	China decorating	7	26,815	5,000	4,000	5,230	12,555	7	5	2,800	81	11,880
30	Chocolate and cocoa products	3	37,383			16,012	21,071	5	6	4,612	23	17,630
31	Cleansing and polishing preparations	4	42,000	6,000	5,000	11,700	19,300	5	6	6,800	28	12,830

BY SPECIFIED INDUSTRIES: 1900—Continued.

NEW YORK CITY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
80	\$18,648	2	\$510	1	\$208	\$17,462	\$8,304	\$803	\$38,275	\$80	\$122,909	\$118,559	\$4,350	\$347,937	232
108	58,379	25	4,508			15,987	9,664	205	6,118		30,458	29,185	1,273	161,752	233
458	336,727	5	1,123	5	912	77,978	39,500	1,472	33,506	8,500	209,063	191,684	17,379	859,722	234
3,022	1,777,105	53	14,524			2,191,065	22,610	184,060	2,032,537	1,858	84,048,259	83,362,978	685,281	88,698,113	235
63	46,739	52	17,545	2	858	41,804	19,211	132	15,911	6,550	79,043	77,400	1,643	320,230	236
28	22,244	8	3,598	2	300	10,429	7,082	204	1,917	1,226	46,024	45,739	285	106,413	237
55	25,399					14,058		1,161	12,897		366,409	363,934	2,475	463,199	238
196	111,511	169	50,536	31	5,441	152,250	27,226	4,787	120,237		888,146	879,456	8,690	1,296,523	239
5,470	3,375,109	531	134,469	65	11,431	680,141	303,034	27,144	301,613	48,350	5,353,032	5,241,177	111,855	12,385,922	240
271	142,784	484	100,489	3	468	1,681,380	22,891	7,723	1,651,266		1,602,234	1,489,780	12,454	3,829,313	241
11,034	5,883,644	8,830	2,984,912	55	7,326	8,128,984	570,667	46,589	7,491,067	14,661	13,820,706	13,760,659	60,047	37,998,261	242
201	123,723	38	14,590			43,489	12,718	1,747	18,744	10,280	111,154	106,196	4,958	442,986	243
275	126,206	178	44,929	10	1,823	71,630	24,713	823	35,944	10,150	304,127	299,182	4,945	736,044	244
886	468,134	21	6,562	3	546	118,826	78,629	1,487	37,760	950	1,312,857	1,308,002	4,855	2,460,263	245
195	126,397	76	21,851			46,341	22,950	1,496	21,895		111,040	105,006	6,034	425,855	246
27	20,459					3,427	2,381		1,046		10,074	9,765	309	44,980	247
419	239,064	37	10,873	10	1,428	75,300	21,315	3,759	50,226		260,228	264,085	5,143	910,604	248
691	343,598	860	258,538	9	1,082	266,743	89,650	1,720	148,698	26,680	3,250,329	3,233,361	16,965	5,106,333	249
174	33,784	291	86,563	10	1,979	70,801	25,400	479	81,915	13,007	441,236	437,336	3,900	971,121	250
501	327,399	20	7,892			484,823	11,335	25,785	446,703	500	3,865,281	3,821,201	44,080	6,145,505	251
98	56,660					8,453	6,765	150	1,538		84,440	82,125	2,315	221,000	252
63	35,633					11,761	4,160	596	7,005		59,806	56,393	3,413	132,577	253
3	1,221					1,650	528	125	997		1,366	1,254	112	6,745	254
457	329,427	22	10,793			47,686	8,338	1,033	38,165		1,122,789	1,118,207	4,582	1,787,940	255
608	436,398	29	10,515	52	7,937	253,421	186,162	1,874	44,555	20,830	408,336	394,307	14,029	1,959,445	256
13	7,856	1	500			4,657	2,320		2,337		98,875	98,350	525	135,000	257
8	3,708					980	780		175	25	6,847	6,600	247	15,600	258
232	127,192	96	29,082	12	2,013	106,678	36,397	2,711	67,470		1,515,461	1,505,224	10,237	2,086,758	259
507	262,846	64	19,118	2	280	82,449	29,500	2,823	46,126	4,000	445,116	436,392	8,724	1,090,498	260
517	330,447	3	858	6	1,200	62,090	40,565	1,312	10,563	650	285,249	266,847	18,402	928,016	261
22	10,240					1,479	1,048		431		6,370	6,180	190	21,480	262
134	71,900	719	183,141	25	3,000	153,902	18,272	2,112	93,317	40,201	510,153	503,824	6,329	1,145,378	263
5,399	2,710,445	1,544	353,519	357	54,733	1,765,339	99,627	191,715	1,461,290	12,707	28,692,761	28,073,252	619,509	36,516,322	264

rice, cleaning and polishing, 2; rules, ivory and wood, 2; sand and emery paper and cloth, 2; screws, machine, 2; starch, 2; straw goods, not elsewhere specified, 1; tar and turpentine, 1; tobacco, stemming and rehandling, 1; washing machines and clothes wringers, 1; watches, 1; windmills, 1; wood, preserving, 1; wool pulling, 2.

BOROUGH OF BROOKLYN.

77,504	\$44,681,557	21,563	\$6,131,684	1,814	\$294,363	\$25,778,955	\$3,058,585	\$1,244,126	\$19,001,186	\$2,480,058	\$213,474,921	\$210,168,348	\$3,306,573	\$342,127,124	1
8	4,018	25	7,360			2,445	1,714	300	431		5,772	5,683	89	26,848	2
75	42,285	36	13,827			18,234	14,239	145	8,350	500	93,462	92,514	948	238,277	3
93	33,428	67	14,309	12	1,614	4,190	2,249	642	1,299		163,732	161,413	2,319	294,309	4
109	50,012					53,620	5,672	418	47,530		478,585	475,763	2,822	673,065	5
153	82,838	1	200	8	1,501	43,704	31,970	369	9,355	2,070	167,239	163,466	3,773	472,017	6
788	541,885			5	1,116	98,058	60,155	8,591	26,116	3,196	488,038	464,973	23,065	1,638,038	7
2	884	1	260			847	204	77	506		1,279	1,250	29	5,500	8
206	114,927	162	60,387	24	7,200	32,831	18,220	50	14,511	50	206,873	202,712	4,161	577,737	9
5	2,370	7	2,810	2	800	1,029	800		139		28,030	28,010	20	42,700	10
13	6,070	12	3,338			10,955	1,720		1,035	8,200	23,670	23,220	450	59,485	11
18	8,786	9	2,258			1,497	1,088	128	281		6,914	6,655	259	27,185	12
459	194,332	4	800	6	766	160,778	142,328	2,410	15,010	1,000	378,655	359,451	14,204	1,324,276	13
2,328	1,160,691	1,092	347,432	74	11,105	804,339	41,787	5,778	252,534	4,240	3,213,911	3,191,473	22,438	5,733,432	14
238	137,338	3	1,018	1	150	164,154	14,084	8,040	142,030		668,719	635,987	27,732	1,321,834	15
50	27,240	19	6,136			5,953	2,440	118	3,305		43,412	42,632	780	105,340	16
168	88,164	376	80,352	58	6,074	25,475	15,541	391	9,543		173,291	169,795	3,496	518,465	17
600	320,537					57,600	5,626	7,300	44,674		1,234,017	1,232,672	1,345	1,794,328	18
172	91,795					17,637	7,554	1,719	8,064	800	392,348	382,044	10,304	611,675	19
254	130,571	116	27,427	8	1,250	39,547	10,095	857	22,595		295,649	290,468	5,181	570,675	20
2,656	1,660,642	172	47,342	20	2,982	598,258	261,841	30,582	306,205	130	4,801,905	4,652,830	149,075	9,029,951	21
350	171,257	223	52,773	16	2,248	39,022	10,139	2,891	25,092	900	450,791	444,889	5,902	894,871	22
59	21,400	181	42,060	18	2,260	11,055	2,435		3,020	5,600	86,164	84,954	1,210	222,000	23
2,568	1,916,224			6	870	1,021,368	58,961	13,724	64,915	883,768	2,670,598	2,645,670	24,928	7,041,562	24
9	3,480					1,258	978	38	242		4,519	4,381	138	15,474	25
44	28,852			2	300	3,908	2,878	120	910		64,645	64,175	470	112,360	26
575	344,326					48,601	24,627	5,478	15,016	3,480	380,779	368,876	11,903	1,049,935	27
876	206,573	14	2,970			210,221	20,666	11,546	175,609	2,500	2,690,748	2,613,583	77,165	3,574,085	28
9	6,280	22	5,600			2,517	1,492	200	825		6,292	4,180	2,112	39,225	29
20	16,650	3	1,000			2,595	2,370		225		60,216	59,626	590	92,054	30
19	9,064	9	3,266			2,726	1,051	175	1,500		89,305	87,360	1,945	124,500	31

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
82	Clothing, men's, custom work and repairing.	925	\$1,560,397	\$200,745	\$251,255	\$182,276	\$967,121	991	47	\$32,826	1,481	\$837,325
33	Clothing, men's, factory product.	482	2,051,143	228,008	267,847	271,080	1,290,219	539	74	126,003	6,981	2,928,782
34	Clothing, men's, factory product, buttonholes.	28	105,897	21,230	22,587	49,350	12,780	30			221	76,431
35	Clothing, women's, dressmaking.	279	275,050	37,000	33,262	49,477	155,311	301	31	25,571	654	282,662
36	Clothing, women's, factory product.	125	989,995	70,900	95,100	116,883	707,612	149	93	77,801	2,601	986,561
87	Coffee and spice, roasting and grinding.	15	6,283,517	485,315	938,135	821,199	4,085,898	27	170	221,659	896	405,799
38	Coffins, burial cases, and undertakers' goods.	3	280,635			41,364	245,271	2	41	41,730	174	79,366
39	Confectionery.	195	2,112,204	800,681	463,978	500,310	817,205	204	175	171,100	1,570	526,133
40	Cooperage.	36	2,753,151	120,903	712,537	449,180	1,470,531	41	27	48,338	1,478	655,398
41	Cordage and twine.	5	4,130,860	195,000	855,000	932,823	2,617,977	40	40	107,809	1,348	506,513
42	Cork, cutting.	7	72,300			16,400	55,900	5	10	9,360	96	36,242
43	Corsets.	6	123,028	1,800	1,200	21,024	99,004	9	10	9,280	222	65,862
44	Cotton goods.	3	27,552	2,600	4,000	9,796	11,756	4	1	1,500	53	16,265
45	Cotton small wares.	3	81,500			35,500	46,000	4	10	7,560	90	32,105
46	Druggists' preparations, not including prescriptions.	6	2,144,999	816,635	245,365	377,217	1,205,782	7	90	140,709	518	222,539
47	Drug grinding.	4	191,227	27,000	53,000	55,173	55,057	4	8	10,660	101	37,518
48	Dyeing and clearing.	85	150,798	33,750	33,474	45,321	37,653	93	11	4,896	190	91,306
49	Dyeing and finishing textiles.	9	302,904	32,000	54,644	54,478	161,612	10	13	11,642	139	62,592
50	Electrical apparatus and supplies.	12	318,600	1,500	4,000	111,000	211,500	15	50	38,361	330	138,675
51	Electrical construction and repairs.	53	120,569	1,300	1,000	26,287	91,982	65	22	16,943	176	116,426
52	Electroplating.	10	28,600			19,475	9,125	18	1	65	67	34,065
53	Enameling and enameled goods.	4	1,813,300	162,500	215,000	350,500	585,000	3	32	24,158	638	221,550
54	Engraving and die-making.	7	12,235	6,300	5,000	1,600	2,875	8			7	1,556
55	Engraving, steel, including plate printing.	3	9,935			8,125	1,810	6			48	23,763
56	Fancy articles, not elsewhere specified.	9	126,004			41,527	81,477	9	23	21,776	164	56,835
57	Fertilizers.	5	1,125,780	178,000	286,406	224,208	412,076	8	11	28,880	266	136,261
58	Files.	6	78,900	18,000	16,500	21,240	23,203	9	1	364	16	35,676
59	Flueworks.	3	50,900			33,320	17,009	2	4	4,280	75	18,380
60	Fish, canning and preserving.	3	9,015	8,800	3,260	615	1,500	5	5	3,201	8	3,292
61	Flavoring extracts.	3	4,215			500	3,655	3	5	3,201	3	1,432
62	Flouring and grist mill products.	3	1,487,103	757,000	255,000	182,513	292,500	1	20	38,260	112	73,961
63	Food preparations.	30	560,305	83,500	178,000	112,925	185,880	44	21	17,100	314	103,592
64	Foundry and machine shop products.	189	23,446,178	1,449,618	1,777,459	4,673,716	18,616,385	209	773	1,099,821	8,499	4,651,324
65	Fruits and vegetables, canning and preserving.	8	1,650,982	85,000	89,000	17,500	1,450,482	2	24	33,300	243	79,551
66	Fur goods.	30	632,620	117,000	41,000	45,345	420,284	37	40	42,644	264	151,215
67	Fur hats.	4	1,887,058	178,000	278,000	281,695	610,363	4	43	122,276	1,236	798,611
68	Furnishing goods, men's.	11	284,000	2,000	1,500	37,100	243,700	17	29	16,628	457	117,171
69	Furniture, cabinetmaking, repairing, and upholstering.	236	501,755	85,000	89,176	61,801	262,779	257	21	17,732	429	270,970
70	Furniture, factory product.	37	993,474	85,300	131,500	138,659	637,015	54	80	101,426	1,266	633,242
71	Furs, dressed.	21	272,510	41,850	50,763	42,840	137,100	27	8	10,200	281	170,079
72	Gas and lamp fixtures.	20	725,544	101,000	111,908	147,042	361,694	21	66	72,231	405	217,550
73	Glass.	7	714,076	115,625	80,800	110,817	400,901	4	39	39,750	652	114,501
74	Glass, cutting, staining, and ornamenting.	28	104,574	9,000	2,000	39,017	141,557	34	19	15,472	297	151,050
75	Gold and silver, leaf and foil.	10	81,003	11,000	18,000	22,345	32,661	21	1	800	150	60,354
76	Grease and tallow.	4	239,063	59,900	34,737	56,289	108,143	3	6	14,136	60	28,736
77	Hairwork.	15	22,035	1,500	2,500	2,645	15,390	15	2	1,010	28	8,980
78	Hand knit goods.	5	19,880	2,200	2,500	12,950	2,630	5			12	5,206
79	Hand stamps.	4	67,000			55,000	12,000	6	4	2,000	80	31,254
80	Hardware.	14	357,891	18,600	20,000	724,206	195,325	19	19	24,896	309	147,660
81	Hat and cap materials.	7	637,400	35,600	38,500	73,660	480,740	9	12	16,802	493	142,609
82	Hats and caps, not including fur hats and wool hats.	19	65,605	3,700	5,300	10,405	46,200	23	14	11,601	128	38,277
83	Hosiery and knit goods.	35	1,614,468	55,200	237,827	424,534	806,907	44	67	92,327	1,416	655,364
84	House furnishing goods, not elsewhere specified.	11	877,775	32,000	82,000	103,276	210,500	15	44	27,336	387	146,060
85	Ice, manufactured.	10	659,379	88,550	129,575	389,537	51,717	4	18	16,780	82	55,850
86	Ink, printing.	7	263,114	84,800	26,700	45,655	155,959	2	53	61,508	63	37,977
87	Instruments, professional and scientific.	24	325,042	47,000	26,200	87,426	104,416	26	31	25,500	271	163,495
88	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	186,590	5,000	4,000	32,000	95,590	8	2	900	59	23,600
89	Ironwork, architectural and ornamental.	53	1,879,005	253,500	351,600	443,130	828,775	66	85	96,865	1,626	902,672
90	Ivory and bone work.	8	118,818	7,000	19,000	20,785	72,033	15	7	7,280	120	83,298
91	Jewelry.	7	845,000	9,500	22,000	14,000	299,500	12	4	5,036	86	61,361
92	Jewelry and instrument cases.	3	10,100	1,100	3,200	3,500	2,000	3			11	3,552
93	Lamps and reflectors.	3	19,400	5,000	2,500	4,150	7,750	4	2	1,136	20	12,178
94	Lapidary work.	5	1,548,500	8,000	3,600	23,700	1,517,700	2	7	5,070	105	180,779
95	Leather goods.	13	79,270	14,450	18,850	20,650	25,320	16	3	2,124	127	51,305
96	Leather, tanned, curried, and finished.	7	1,157,000	46,000	141,800	171,600	798,500	8	14	19,076	527	245,264
97	Lime and cement.	5	100,000	49,000	21,500	15,800	10,700	5			48	23,440
98	Liquors, malt.	35	15,739,923	1,816,627	3,028,395	8,609,758	6,655,143	9	323	791,515	1,497	1,201,945
99	Lithographing and engraving.	5	2,878,424	136,000	211,000	1,022,598	1,003,826	8	120	118,347	1,636	630,047
100	Lock and gun smithing.	96	94,970	19,200	14,950	28,330	32,490	104			46	27,632
101	Looking-glass and picture frames.	60	140,610	13,400	12,500	18,655	96,155	66	9	5,790	93	45,942

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
1,300	\$772,689	170	\$62,868	11	\$1,768	\$144,514	\$208,150	\$8,188	\$15,948	\$182,228	\$1,352,950	\$1,329,549	\$23,401	\$3,747,713	32
3,917	2,015,671	3,015	904,027	49	8,484	525,778	84,703	7,805	113,767	320,003	1,420,721	1,376,552	44,169	6,020,999	33
98	45,653	112	29,040	11	1,738	7,553	2,014	456	5,083	---	26,548	25,086	1,462	146,506	34
220	141,276	427	140,839	7	547	70,093	55,472	1,063	10,778	2,780	307,597	301,872	6,225	973,971	35
771	452,553	1,811	528,628	22	5,380	163,033	45,476	2,981	77,000	37,516	1,265,614	1,253,611	12,003	3,283,161	36
520	305,674	352	95,455	24	4,670	1,249,580	11,073	37,929	1,200,528	---	12,685,259	12,610,846	74,413	14,902,022	37
137	69,976	37	9,390	---	---	48,966	7,338	365	41,233	---	171,180	168,740	2,440	423,738	38
711	337,861	750	173,683	109	14,589	477,001	91,405	12,502	373,059	85	2,323,977	2,288,903	35,074	4,160,867	39
1,431	645,903	---	---	47	9,495	185,151	8,163	13,772	103,216	---	1,994,954	1,965,401	29,550	3,030,584	40
964	397,494	280	87,353	104	21,666	171,754	28,240	5,754	137,760	---	3,677,036	3,643,621	33,415	5,141,909	41
50	25,988	46	10,254	---	---	7,574	5,422	---	2,152	---	146,925	145,245	1,680	218,800	42
16	9,290	206	56,572	---	---	9,011	5,420	---	3,555	---	114,377	112,277	2,100	251,250	43
15	6,690	35	9,185	3	390	3,168	730	144	2,294	---	72,383	71,656	727	100,906	44
30	16,400	65	15,100	4	605	8,820	3,170	---	2,450	3,200	90,242	89,192	1,050	150,000	45
433	192,788	113	29,376	2	375	188,195	2,100	14,258	171,837	---	2,679,700	2,607,237	72,463	3,709,923	46
59	29,268	40	8,000	5	250	9,381	2,100	934	6,350	---	195,214	187,205	8,009	342,034	47
115	63,160	72	27,452	3	694	42,538	27,663	821	11,565	2,489	45,499	37,668	7,831	291,825	48
86	43,600	53	18,992	---	---	12,196	960	1,265	9,971	---	43,143	37,760	5,383	194,309	49
334	139,005	6	1,670	---	---	44,400	11,060	147	28,993	4,200	314,645	309,390	5,255	591,101	50
172	109,600	1	260	3	566	16,877	12,092	83	4,627	75	211,617	209,631	1,986	446,276	51
65	33,792	1	208	1	65	6,214	4,019	---	2,195	---	16,813	14,738	2,075	74,410	52
484	189,656	88	22,832	66	9,071	16,449	4,024	2,440	9,985	---	1,004,918	993,508	11,415	1,382,790	53
3	1,466	---	---	4	490	1,416	1,116	120	180	---	1,280	1,168	112	11,800	54
27	19,963	1	300	20	3,500	1,925	1,350	---	575	---	2,266	2,206	60	35,800	55
85	38,080	75	17,979	4	776	23,697	8,275	---	15,422	---	82,603	79,403	3,200	214,847	56
266	136,261	---	---	---	---	61,622	---	8,028	53,594	---	629,384	599,305	30,079	1,068,793	57
66	35,676	---	---	---	---	2,469	228	821	1,420	---	16,002	13,122	2,880	70,700	58
24	7,900	47	9,940	4	540	5,416	3,300	---	2,116	---	11,635	11,160	475	57,613	59
8	3,292	---	---	---	---	897	300	162	445	---	32,665	32,065	500	43,585	60
3	1,432	---	---	---	---	582	224	---	358	---	5,317	5,307	40	14,980	61
112	73,964	---	---	---	---	50,071	3,638	4,885	42,148	---	1,671,977	1,651,873	20,104	1,926,185	62
223	88,201	91	15,391	---	---	21,209	7,866	2,434	10,909	---	611,165	601,867	9,298	889,052	63
8,312	4,603,704	175	48,205	12	2,415	1,238,960	165,047	97,017	951,794	35,072	7,391,468	7,067,470	323,936	18,505,318	64
75	35,844	168	43,710	---	---	20,681	2,400	1,309	16,912	---	396,688	393,236	3,352	664,943	65
134	90,421	140	63,824	---	---	40,874	22,254	1,824	14,146	2,650	414,616	410,014	4,602	795,156	66
852	631,573	380	186,462	4	606	80,853	2,100	4,283	74,470	---	709,570	681,068	25,502	1,899,047	67
16	9,128	411	133,043	30	5,000	31,770	7,712	67	4,601	22,400	389,442	386,727	2,715	636,450	68
391	266,966	32	12,910	0	1,094	90,469	50,609	2,699	22,694	14,567	322,913	313,040	4,873	961,502	69
1,233	622,098	29	10,044	4	1,100	110,910	47,153	3,517	60,240	---	1,050,730	1,039,242	11,488	2,335,608	70
280	169,779	1	300	1	---	16,178	4,173	1,380	10,625	---	146,208	139,671	6,537	425,716	71
399	215,539	6	2,011	---	---	47,310	10,980	2,897	32,707	726	228,670	222,439	6,231	653,594	72
738	375,088	24	6,000	190	33,418	58,302	7,100	2,203	48,999	---	268,475	195,103	73,372	807,698	73
271	146,408	20	5,542	6	1,100	25,768	13,025	812	12,426	---	189,461	184,582	4,879	483,204	74
58	80,890	100	20,261	1	200	5,061	1,694	497	2,870	---	138,053	137,076	977	252,882	75
59	28,628	1	208	---	---	21,886	240	1,864	19,782	---	173,366	162,946	10,420	252,820	76
2	1,374	26	7,615	---	---	6,074	5,000	68	595	416	12,770	12,465	305	45,800	77
7	3,850	5	1,356	---	---	652	305	81	266	---	4,168	4,119	49	13,550	78
59	27,098	21	6,556	---	---	22,756	2,398	---	20,058	300	13,792	13,275	517	89,000	79
261	136,974	47	10,430	1	250	25,535	9,166	1,714	14,655	---	264,717	257,985	6,732	611,909	80
195	82,935	274	57,418	24	2,316	34,081	8,350	2,059	23,672	---	990,717	982,487	8,230	1,327,309	81
80	29,787	48	8,490	---	---	10,461	4,383	133	5,562	983	152,667	151,807	860	273,700	82
206	181,508	1,098	370,574	22	3,282	114,761	19,326	2,143	72,812	20,480	1,088,762	1,075,674	8,088	2,112,510	83
238	107,668	148	38,048	1	144	88,176	6,707	1,228	30,140	100	303,083	298,592	4,491	610,100	84
82	55,950	---	---	---	---	38,380	5,900	4,679	27,801	---	82,057	24,781	57,826	279,626	85
62	37,625	1	352	---	---	21,239	4,650	691	15,898	---	225,600	222,180	3,320	492,303	86
260	159,983	10	3,412	1	100	21,361	9,935	1,489	8,960	997	84,218	79,734	4,484	365,292	87
58	29,400	1	200	---	---	8,940	2,000	360	1,570	10	181,900	128,800	8,600	198,500	88
1,624	961,840	2	832	---	---	124,352	19,489	7,996	78,667	23,200	2,039,682	2,008,479	31,203	3,553,324	89
80	26,478	40	6,750	---	---	8,813	1,664	370	1,779	---	69,058	67,280	1,778	156,012	90
66	53,836	19	7,375	1	150	11,027	1,670	425	8,607	325	396,665	395,432	1,233	529,830	91
5	2,287	6	1,265	---	---	539	168	81	940	---	4,260	4,175	85	11,300	92
20	12,178	---	---	---	---	1,527	440	47	1,040	---	6,434	6,194	240	29,200	93
105	180,779	---	---	---	---	25,315	2,655	370	22,290	---	2,604,335	2,602,820	1,515	2,948,708	94
96	44,842	15	3,487	16	2,976	3,938	1,415	484	2,039	---	96,870	94,876	2,094	200,167	95
440	218,770	87	26,494	---	---	80,727	4,160	2,212	24,355	---	1,741,174	1,728,489	12,685	2,860,101	96
43	23,440	---	---	---	---	2,830	---	1,265	800	---	27,066	23,616	3,450	59,200	97
1,491	1,200,361	6	1,594	---	---	5,139,902	1,560	100,007	5,038,585	---	2,232,410	2,029,941	202,469	11,380,668	98
1,056	499,026	476	119,373	105	11,048	147,555	5,350	5,297	136,008	---	972,172	954,166	18,006	2,206,655	99
45	27,392	---	---	1	240	16,167	13,297	477	37,044	---	37,044	35,187	1,907	145,847	100
85	44,142	7	1,630	1	170	25,136	19,480	679	4,965	12	109,603	107,748	1,755	253,705	101

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
102	Lumber, planing mill products, including sash, doors, and blinds.	50	\$9,222,227	\$381,322	\$399,642	\$121,739	\$2,010,224	67	141	\$181,403	2,017	\$1,120,812
103	Marbles, slate, marble, and marbled.	3	121,500	45,000	11,500	5,000	60,000	57	5	12,300	70	54,270
104	Marble and stone work.	48	1,312,670	262,000	113,400	257,770	679,500	57	27	30,485	708	542,101
105	Masonry, brick and stone.	100	1,995,290	319,450	859,270	118,728	1,198,252	130	41	53,782	1,340	938,604
106	Mattresses and spring beds.	22	61,160	9,000	3,000	11,285	40,925	25	3	1,850	77	40,754
107	Millinery and lace goods.	21	134,951	2,450	6,000	47,093	79,408	21	19	23,334	600	137,806
108	Millinery, custom work.	110	438,169	62,500	56,300	19,454	299,615	151	75	31,260	485	147,593
109	Mineral and soda waters.	72	704,994	114,000	143,522	204,799	242,573	93	43	27,245	341	179,740
110	Models and patterns.	19	76,081	11,000	15,500	20,375	20,209	27	8	8,237	82	60,350
111	Monuments and tombstones.	40	538,700	75,970	86,050	45,650	331,080	45	9	13,950	373	265,066
112	Mucilage and paste.	3	8,275	1,800	200	1,275	5,000	3	1	120	2	1,403
113	Musical instruments and materials, not specified.	9	91,250	25,600	19,900	17,525	28,225	9	4	3,200	46	20,466
114	Musical instruments, pianos and materials.	7	605,745	85,000	90,000	30,700	450,045	9	17	25,200	332	206,816
115	Oil, not elsewhere specified.	5	219,900	20,500	20,000	62,600	137,800	5	38	40,650	37	27,135
116	Optical goods.	8	97,300	20,000	26,000	14,300	37,000	10	6	4,400	21	14,056
117	Painting, house, sign, etc.	598	1,077,815	128,500	118,600	192,971	637,744	691	57	38,747	2,451	1,584,918
118	Paints.	26	3,831,585	274,348	461,725	526,952	2,618,370	11	161	306,795	766	387,620
119	Paper goods, not elsewhere specified.	11	957,387	74,000	205,500	259,922	417,965	18	70	109,537	480	186,840
120	Paper hangings.	11	10,025	900	900	2,645	5,580	12	2	1,280	30	22,334
121	Paper hangings.	5	1,377,026	115,000	229,980	417,954	614,692	2	61	108,026	623	349,629
122	Patent medicines and compounds.	42	2,573,615	189,530	291,048	363,329	1,728,808	37	221	261,708	711	297,506
123	Paving and paving materials.	14	661,635	179,900	66,850	171,566	243,819	16	25	38,614	330	163,027
124	Perfumery and cosmetics.	5	21,428	900	500	2,523	17,505	6			11	4,098
125	Photographic materials.	4	10,250	2,400	2,000	2,350	3,510	4	2	1,200	11	2,542
126	Photography.	125	223,332	21,900	80,050	88,890	82,492	133	23	15,910	163	97,003
127	Pickles, preserves, and sauces.	16	77,220	9,400	12,500	14,270	41,050	20	28	14,064	55	19,862
128	Pipes, tobacco.	4	6,670			4,100	2,570	4	1	800	18	6,913
129	Plastering and stucco work.	16	28,577	3,000	500	4,997	20,080	22	1	900	36	22,090
130	Plated and britannia ware.	3	79,812			47,000	32,812	7	15	9,020	132	64,324
131	Plumbers' supplies.	11	394,704	13,700	41,800	110,678	228,526	12	45	45,485	182	87,359
132	Plumbing, and gas and steam fitting.	501	1,730,910	233,000	266,841	208,851	1,027,215	577	65	42,984	2,040	1,422,351
133	Pocketbooks.	14	9,680	500	1,000	3,215	4,965	15	2	2,020	72	25,422
134	Pottery, terra cotta, and fire-clay products.	11	625,151	189,600	171,665	135,285	128,001	12	26	27,384	484	173,568
135	Printing and publishing, book and job.	139	1,002,709	48,300	291,692	476,008	186,709	169	39	42,119	851	465,511
136	Printing and publishing, newspapers and periodicals.	20	2,332,510	613,000	468,500	708,581	642,426	16	350	376,554	753	476,781
137	Refrigerators.	3	279,900	61,000	52,000	32,700	184,200	5	5	5,750	127	55,150
138	Regalia and society banners and emblems.	7	8,580		52,000	3,260	5,320	7			29	8,796
139	Roofing and roofing materials.	65	1,028,016	228,500	191,468	135,662	472,386	70	40	65,376	352	210,117
140	Rubber and elastic goods.	4	198,546	20,000	27,000	49,200	102,313	4	10	7,456	120	40,163
141	Saddlery and harness.	116	233,123	53,574	62,626	21,730	95,193	120	1	600	126	69,026
142	Sausage.	7	9,800	1,200	1,300	3,000	4,300	9			11	6,526
143	Sewing machine repairing.	31	43,143	10,000	13,300	6,695	13,218	34	1	468	16	8,728
144	Ship and boat building, wooden.	45	1,981,315	515,500	189,675	564,365	710,775	60	37	44,786	998	607,031
145	Shirts.	33	209,937	28,000	15,000	26,876	140,561	40	33	19,760	386	150,150
146	Show cases.	5	75,700	10,000	7,000	9,700	48,000	7	4	4,000	114	71,350
147	Silk and silk goods.	10	859,138	19,600	45,000	822,471	472,067	8	50	47,550	653	287,199
148	Slaughtering and meat packing, wholesale.	8	460,945	39,250	71,000	88,045	262,650	12	25	25,372	185	108,489
149	Soap and candles.	17	802,200	81,912	147,426	225,844	344,018	15	55	51,908	169	84,750
150	Sporting goods.	13	128,066	13,000	18,030	38,680	63,436	14	4	3,385	114	47,297
151	Stamped ware.	14	1,571,568	114,000	320,500	367,292	760,776	23	54	54,486	908	389,451
152	Stationery goods, not elsewhere specified.	5	132,450	5,000	85,000	20,070	72,380	4	21	26,867	119	36,080
153	Steam fittings and heating apparatus.	7	1,010,386	159,700	186,060	213,352	421,274	10	31	42,220	369	163,368
154	Steam packing.	10	125,064	4,000	5,000	38,798	77,266	8	19	17,952	52	23,846
155	Sugar and molasses, refining.	4	58,084,443	6,530,303	4,602,763	10,193,666	36,697,711	6	276	379,139	2,595	1,532,801
156	Surgical appliances.	9	52,170	2,000	1,400	24,820	23,550	8	7	5,970	32	15,088
157	Taxidermy.	4	4,859	1,000	2,200	159	1,500	5			1	500
158	Tin and terno plate.	3	217,000	19,100	43,300	26,600	128,000	2	20	10,480	47	21,972
159	Tin foil.	1	26,870	1,500	2,500	15,500	6,070	4			45	14,848
160	Tinsmithing, copper-smithing, and sheet-iron working.	298	2,730,787	885,748	558,152	580,986	1,235,901	320	148	151,431	2,800	1,446,436
161	Tobacco, chewing, smoking, and snuff.	4	159,557	19,000	47,300	76,584	16,673	2	38	37,732	299	108,740
162	Tobacco, cigars and cigarettes.	556	1,287,216	178,120	246,880	68,236	749,480	589	82	22,766	1,123	545,447
163	Tools, not elsewhere specified.	16	200,200	36,500	48,000	45,360	79,340	22	6	5,220	124	80,628
164	Toys and games.	11	98,050	15,500	23,250	20,100	33,200	16			131	40,578
165	Trunks and valises.	4	18,860	3,000	7,000	535	7,825	5	1	250	9	4,588
166	Umbrellas and canes.	9	22,510			11,410	11,100	10			46	19,020
167	Upholstering materials.	3	17,900			2,600	15,300	5	3	2,400	28	10,701
168	Varnish.	14	1,969,420	164,400	265,450	198,102	1,401,468	3	100	259,031	177	110,071
169	Vinegar and cider.	4	132,289	5,000	15,000	34,586	77,658	4	2	1,768	89	21,051
170	Watch cases.	8	641,268	10,500	26,255	112,668	491,770	6	24	48,339	878	250,170
171	Watch, clock, and jewelry repairing.	223	217,886	38,100	54,600	48,370	106,316	226	4	3,930	124	69,819

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
2,009	\$1,110,312			8	\$1,500	\$226,587	\$10,931	\$21,249	\$184,093	\$30,311	\$2,523,035	\$2,504,342	\$18,693	\$4,704,103	102
70	54,270					5,775	1,130	1,025	3,650		50,063	49,583	480	145,893	103
708	542,101					58,034	18,815	0,959	29,260	3,000	724,387	714,473	9,914	2,793,691	104
1,335	937,694	1	\$100	4	510	727,105	14,080	9,473	54,063	619,481	2,037,251	2,037,251	5,444	4,517,909	105
71	88,406	6	2,318			8,941	6,591	147	2,290		101,651	103,795	856	214,139	106
61	39,114	536	98,190			23,807	10,814	500	12,213	250	190,519	187,287	3,282	467,311	107
18	6,883	464	140,959	3	218	76,269	61,571	2,123	11,550	1,025	514,275	510,452	3,823	1,103,895	108
329	177,493	2	450	10	1,810	60,374	15,551	4,691	40,129		308,693	301,933	6,760	830,433	109
78	59,119	3	1,010	1	200	10,768	4,362	336	8,070	8,000	55,450	42,938	2,512	161,143	110
373	265,066					32,203	13,525	3,021	12,161	3,490	357,778	354,381	3,394	825,820	111
2	1,400					550	270	25	255		4,685	4,545	140	8,420	112
38	18,466			8	2,000	4,072	1,020	608	1,051	1,899	21,899	21,121	778	68,578	113
325	205,997			7	819	37,145	7,672	2,085	27,388		301,663	295,713	5,950	619,183	114
37	27,135					18,497	3,480	681	14,336		529,219	516,861	3,358	618,449	115
21	14,656					8,194	3,116	400	4,268	410	23,459	25,740	719	79,051	116
2,415	1,577,166	23	5,967	13	1,815	193,674	139,191	4,771	57,965	27,747	1,101,126	1,032,452	8,674	3,905,810	117
619	352,794	134	32,846	6	1,883	307,382	31,463	17,951	258,568		3,191,665	3,153,549	38,116	4,830,036	118
202	113,560	250	68,665	30	4,675	95,685	29,560	3,833	62,292		423,912	419,437	10,475	933,961	119
33	22,334					3,045	1,824	30	391	800	14,458	14,312	116	56,944	120
514	312,324	101	36,825	5	780	45,581	12,000	8,540	25,001		802,994	790,295	12,699	1,321,809	121
408	213,741	308	81,765			547,173	25,305	11,585	507,283		1,018,115	988,306	27,839	2,506,159	122
330	165,027					39,513	5,613	3,390	29,010	1,500	252,892	243,208	9,684	560,904	123
4	2,226	7	1,872			2,858	709	305	1,814		30,075	30,035	40	44,613	124
2	600	8	1,760	1	182	1,017	621	50	373		7,160	7,025	135	19,000	125
130	83,995	31	12,771	2	231	63,415	51,368	692	10,370	685	127,376	124,835	2,544	467,672	126
35	13,762	12	4,100	8	1,500	9,540	3,555	342	5,643		119,587	118,525	1,062	219,978	127
16	6,549			2	361	809	640		169		17,138	17,018	120	33,608	128
36	22,690					5,199	2,794	125	680	1,600	14,365	14,362	893	60,719	129
114	60,002	18	4,322			9,030	6,600	330	2,100		47,645	43,795	3,850	179,400	130
182	87,859					48,052	13,312	2,666	11,286	12,488	484,880	480,883	4,497	751,451	131
2,019	1,415,763			30	6,588	169,520	102,077	7,005	54,666	5,172	2,343,830	2,315,800	28,060	5,105,832	132
33	17,020	32	7,402	7	1,000	2,328	1,804	30	849	50	28,792	28,419	343	86,211	133
855	140,916	119	32,592			62,975	4,210	5,589	43,176		100,724	66,188	34,536	427,575	134
639	397,894	187	62,919	25	4,638	101,138	33,608	3,771	65,094	1,065	357,993	345,805	12,098	1,194,648	135
670	425,027	60	46,893	23	3,861	294,176	30,504	13,288	237,608	12,776	342,972	326,966	22,006	2,234,746	136
122	54,000			5	1,150	17,541	780	1,356	15,405		148,770	147,810	960	278,230	137
8	1,830	25	6,996			4,488	1,261		627	2,600	13,075	12,975	100	37,790	138
347	200,399	1	468	4	250	75,914	10,131	4,149	60,431	1,200	594,200	578,961	15,236	1,056,197	139
40	21,400	80	13,763			18,569	3,016	1,150	14,403		108,057	101,032	4,625	217,954	140
123	68,448			3	578	23,220	17,331	2,604	3,825	60	122,591	120,614	1,977	335,726	141
11	6,526					1,374	1,014	57	363		23,243	22,642	601	38,604	142
15	8,488	1	240			6,735	5,532	232	731	800	17,210	16,761	473	58,619	143
908	667,031					75,011	38,248	8,203	21,645	6,825	670,806	651,011	6,835	1,760,189	144
182	67,478	252	82,262	2	410	39,174	8,982	785	10,493	9,971	272,006	270,875	2,291	554,413	145
111	70,750	3	690			7,510	1,740	545	4,225	1,000	125,065	123,115	1,950	262,520	146
300	177,988	326	103,911	27	5,270	35,228	18,105	3,481	47,444	26,208	486,500	474,708	11,852	1,042,199	147
185	108,489					39,023	9,768	2,370	26,945		2,834,740	2,825,806	8,934	3,100,730	148
151	80,852	18	3,898			117,193	6,870	3,686	106,687		775,439	763,987	11,452	1,216,241	149
72	35,361	42	11,936			6,886	2,426	620	3,334	500	36,627	34,701	1,923	117,008	150
632	293,757	289	86,394	47	9,300	67,926	20,378	2,816	39,132	5,600	744,646	731,963	9,653	1,511,714	151
80	14,031	88	21,945	1	113	8,448	1,694	101	5,463	1,230	71,731	70,556	1,175	163,482	152
306	147,673	63	15,690			22,272	780	6,107	13,635	1,830	448,022	430,318	8,674	943,459	153
50	26,333	2	510			13,198	4,362	803	7,963	80	67,187	63,779	3,408	144,267	154
2,546	1,519,377	49	13,224			1,434,904	8,060	109,351	1,817,393		72,821,726	72,220,703	601,023	77,942,937	155
15	10,048	15	4,632	2	355	5,796	2,556	132	3,108		13,685	13,149	536	68,880	156
1	500					440	192	136	112		976	960	16	4,700	157
47	21,972					12,407		882	11,525		245,775	243,733	2,042	330,511	158
17	7,540	27	7,168	1	140	1,051	425	65	590		6,872	6,274	598	34,593	159
2,307	1,326,176	407	115,032	35	6,198	217,916	59,792	15,619	137,895	4,580	1,826,751	1,768,792	57,959	4,515,983	160
111	68,230	188	39,910			605,550	197	2,187	603,172		588,292	526,209	7,088	1,622,702	161
914	492,194	139	51,517	10	1,736	312,971	90,262	7,230	215,593		824,217	814,004	10,213	2,183,283	162
114	74,628	10	6,000			9,120	2,237	1,392	5,161	380	42,103	39,765	2,338	232,263	163
70	26,654	59	12,832	5	1,092	5,858	1,403	640	3,365	460	62,261	61,100	1,101	131,225	164
9	4,883					1,837	1,140	260	427		8,801	8,781	70	22,400	165
42	17,220	4	1,800			6,951	2,884		610	3,500	48,129	47,388	741	100,500	166
15	6,892	13	3,814			1,932	1,260		672		47,160	46,422	738	70,729	167
174	109,291	3	780			123,757	4,480	11,005	108,302		865,616	840,318	9,298	1,655,193	168
39	21,051					7,514	2,706	363	4,444		28,616	26,868	2,658	60,977	169
358	240,417	20	9,753			32,033	5,530	908	26,195		959,666	956,321	3,346	1,452,840	170
121	69,187	1	400	2	232	48,888	35,506	1,289	8,277	3,316	67,630	63,910	3,720	373,463	171

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
172	Window shades	13	\$331,817	\$77,001	\$33,499	\$14,440	\$305,977	13	38	\$43,716	123	\$63,802
173	Wirework, including wire rope and cable.	16	338,532	46,608	68,496	78,517	141,911	18	29	33,614	208	101,721
174	Wood, turned and carved	2	193,265	25,400	37,700	45,600	84,475	30	5	3,020	145	81,170
175	All other industries	104	59,887,307	8,606,504	13,733,612	21,458,710	15,978,451	97	582	1,034,990	70,559	4,894,025

¹ Embraces bags, other than paper, 1; bags, paper, 1; baking and yeast powders, 1; billiard tables and materials, 1; brass, 1; brass and copper, rolled, 1; brick and tile, 1; bridges, 2; calcium lights, 1; card cutting and designing, 1; carpets, wood, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; clocks, 2; cloth, sponging and refinishing, 2; clothing, horse, 2; cutlery and edge tools, 2; dye stuffs and extrudes, 1; engravers' materials, 2; felt goods, 1; firearms, 1; fire extinguishers, chemical, 1; flags and banners, 2; galvanizing, 2; gas and oil stoves, 1; gas, illuminating and heating, 2; gas machines and meters, 2; gloves and mittens, 2; gold and silver, reducing and refining, not from the ore, 1; ink, writing, 1; iron and steel, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; japanning, 2; jute and jute goods, 2; kashin and other earth grinding, 2; kindling wood, 2; lard, refined, 1; lasts, 1; lead, bar, pipe, and sheet, 1; lumber and timber products, 1; malt, 1; mats and matting, 2;

BOROUGH OF MANHATTAN AND BRONX.

1 All industries	27,168	\$308,661,810	\$61,263,277	\$31,918,159	\$136,700,038	\$355,780,276	32,242	39,428	\$14,575,510	344,054	\$184,602,095
2 Artificial leathers and flowers	142	2,022,533	16,000	5,000	213,386	2,658,603	215	229	226,811	3,943	1,282,987
3 Artificial limbs	5	68,300	8,000	12,000	23,500	25,800	8	14	10,200	60	40,652
4 Artists' materials	4	10,903			1,213	9,666	4	1	686	5	8,265
5 Awnings, tents, and sails	103	439,600	7,000	10,000	79,921	352,588	180	29	26,614	603	357,376
6 Axle grease	4	5,916			410	5,506	0			8	8,750
7 Babbitt metal and solder	7	1,028,291	35,000	41,000	112,855	839,436	13	21	27,092	188	107,875
8 Bags, other than paper	15	516,000	40,000	23,000	93,500	362,500	14	40	95,258	450	142,922
9 Bags, paper	13	1,077,357	17,500	17,500	308,326	733,431	8	192	183,093	730	268,306
10 Baking and yeast powders	8	203,561			23,681	180,483	5	21	17,751	67	45,305
11 Baskets, and rattan and willow ware	18	31,625			3,425	28,200	20	1	1,200	108	57,894
12 Belting and hose, leather	8	1,761,947			83,347	1,681,600	6	66	79,217	369	229,221
13 Bicycle and tricycle repairing	235	263,440	500	775	93,775	181,290	269	11	9,680	233	123,042
14 Bicycles and tricycles	15	72,075			19,275	52,800	16	7	2,372	42	22,782
15 Billiard tables and materials	2	361,459		24,000	35,459	302,000	15	43	51,309	168	111,306
16 Blacking	14	283,784			43,457	234,327	20	80	115,387	176	79,079
17 Blacksmithing and wheelwrighting	468	1,335,972	319,100	240,567	253,187	526,118	522	32	23,590	1,318	968,678
18 Bluing	7	75,890	4,000	2,000	8,500	61,390	8	15	18,620	60	25,301
19 Bookbinding and blank book making	219	3,958,090	45,000	123,000	1,615,490	2,169,209	281	304	316,600	5,871	2,655,035
20 Boot and shoe cut stock	11	241,715	10,000	2,000	11,615	214,800	13	15	13,406	79	39,390
21 Boot and shoe findings	10	122,475			47,625	74,850	13	16	13,484	89	39,922
22 Boot and shoe uppers	36	64,500	2,000	4,000	9,520	49,070	42	1	600	73	35,863
23 Boots and shoes, custom work and repairing	1,888	836,472	29,700	21,700	215,187	509,885	1,907	35	25,050	1,304	602,010
24 Boots and shoes, factory product	55	1,446,241	22,000	14,000	257,706	1,162,535	74	136	121,977	1,936	917,351
25 Bottling	187	1,882,370	192,900	229,500	297,309	1,162,661	161	101	117,241	801	442,314
26 Boxes, cigar	27	641,685	125,000	54,000	156,708	208,877	31	45	30,460	837	331,543
27 Boxes, fancy and paper	139	1,950,003	52,000	65,000	586,500	1,246,503	178	290	242,960	4,826	1,663,995
28 Boxes, wooden packing	55	1,475,390	40,000	120,210	292,410	1,022,761	55	92	99,190	1,026	520,568
29 Brass castings and brass finishing	33	351,449	28,000	11,210	123,025	189,214	40	23	33,930	254	156,827
30 Brassware	64	1,314,347	230,000	200,000	340,350	643,997	65	67	81,572	1,041	505,009
31 Bread and other bakery products	1,011	10,026,820	1,033,600	930,944	4,872,880	3,189,396	1,062	1,083	889,682	7,678	3,803,798
32 Bridges	5	284,000			70,000	214,000	5	9	9,640	334	224,502
33 Bronze castings	5	394,901	62,000	17,500	85,127	174,354	5	32	37,411	236	177,133
34 Brooms and brushes	52	802,193	7,000	8,000	67,840	719,353	63	66	57,748	772	307,875
35 Buttons	30	499,362			216,014	283,318	39	48	44,848	1,119	417,053
36 Calcium lights	8	35,900			10,500	25,400	4	1	1,200	28	10,520
37 Card cutting and designing	3	41,400			15,000	26,400	2	8	6,757	48	18,796
38 Carpentering	835	4,493,308	550,000	588,150	556,147	2,788,961	988	193	194,050	5,210	4,358,090
39 Carpets and rugs, other than rag	8	1,875,842	4,500	5,000	522,000	1,344,342	61	61	100,308	1,568	556,120
40 Carpets, rag	10	14,771	1,490	745	1,276	11,290	11	2	1,000	17	7,910
41 Carpets, wood	9	183,164			16,785	166,379	8	22	20,500	261	208,302
42 Carriages and sleds, children's	5	23,675			2,175	21,500	6	2	990	29	17,064
43 Carriages and wagons	123	2,634,198	453,950	450,900	312,711	1,405,607	159	101	112,241	1,715	1,132,921
44 Cars and general shop construction and repairs by street railroad companies	6	418,168	148,000	108,425	126,433	85,300		23	17,210	424	259,879
45 Cars and general shop construction and repairs by street railroad companies	4	4,839,198	619,502	2,108,809	1,363,223	748,164		28	33,026	1,138	914,159
46 Cheese and butter, urban dairy products	5	18,925			10,850	8,075	5	1	260	6	2,580
47 Chemicals	16	1,019,372	78,000	153,351	403,686	884,385	2	69	78,067	198	116,234
48 China decorating	20	56,240			11,540	44,700	21	3	2,927	74	83,488
49 Chocolate and cocoa products	6	1,085,775	14,000	50,000	219,238	822,517	9	105	98,246	528	149,840
50 Cleansing and polishing preparations	19	358,260	30,000	35,000	55,410	237,850	19	44	40,036	156	67,443
51 Clocks	4	16,325			4,325	12,000	2	4	1,800	13	6,834
52 Cloth, sponging and refinishing	20	119,213			56,410	62,803	27	26	20,870	382	175,221
53 Clothing, horse	5	41,513			4,900	36,613	5	3	6,250	50	22,056
54 Clothing, men's, custom work and repairing	2,265	6,066,068	253,250	587,550	446,186	5,729,072	2,473	633	633,230	6,474	3,921,824
55 Clothing, men's, factory product	1,338	34,778,035	472,500	828,000	997,731	32,979,804	2,017	2,653	2,816,089	23,361	12,759,684
56 Clothing, men's, factory product, buttonholes	40	30,265			18,725	11,540	49			207	86,723

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF BROOKLYN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.									
101	\$58,291	21	\$5,446	1	\$35	\$58,146	\$2,868	\$2,166	\$48,112		\$719,110	\$716,605	\$2,505	\$937,356
196	98,760	10	2,672	2	280	29,132	5,514	1,275	21,593	\$750	162,907	159,149	3,848	405,397
139	79,882	1	288	5	1,000	12,800	4,305	869	7,626		97,930	92,824	5,106	258,446
7,576	4,199,047	2,704	658,845	279	41,133	4,407,101	112,097	425,231	8,807,429	62,344	20,921,464	20,408,314	518,150	45,153,739

musical instruments, organs and materials, 2; oil, essential, 1; oil, lard, 1; oil, linseed, 1; ordnance and ordnance stores, 1; paper and wood pulp, 2; paper patterns, 1; pencils, lead, 1; pens, gold, 1; petroleum, refining, 1; photographic materials, 1; photolithographing and photoengraving, 1; pulp goods, 1; rice, cleaning and polishing, 2; sand and emery paper and cloth, 2; saws, 2; scales and balances, 1; screws, machine, 1; sewing machines and attachments, 1; shipbuilding, iron and steel, 2; silversmithing, 2; slaughtering, wholesale, not including meat packing, 2; smelting and refining, not from the ore, 2; soda water apparatus, 1; starch, 1; stencils and brands, 1; tar and turpentine, 1; typewriters and supplies, 2; vault lights and ventilators, 2; watch and clock materials, 1; woolen goods, 1.

BOROUGH OF MANHATTAN AND BRONX.

\$23,675	\$148,747,580	106,777	\$85,221,021	3,602	\$632,894	\$131,879,774	\$20,687,811	\$2,804,101	\$58,292,028	\$50,095,834	\$163,795,294	\$458,394,400	\$5,400,894	\$975,168,202	1
482	256,280	3,334	955,061	127	21,646	327,276	196,781	3,540	89,725	37,250	2,180,042	2,169,003	11,039	4,955,151	2
53	87,572	7	3,080			30,355	8,425	630	21,300		13,650	12,170	1,480	160,120	3
5	3,265					2,890	1,255	24	1,611		8,761	8,646	115	28,277	4
468	297,900	144	69,126	1	350	112,148	42,583	691	18,296	50,575	916,642	911,882	4,660	1,809,136	5
8	3,750					2,122	1,134		988		9,353	9,256	97	22,300	6
188	107,875					42,228	12,155	3,475	26,598		2,800,739	2,206,188	13,556	2,604,696	7
163	68,931	287	78,986			67,886	18,048	2,153	42,585	5,100	1,389,924	1,389,924	3,958	1,780,845	8
478	208,077	240	64,389	6	900	122,413	32,819	2,333	87,761		1,863,275	1,353,090	9,285	2,397,697	9
59	35,060	20	8,739	2	600	12,598	5,528		7,070		214,401	213,523	878	268,406	10
107	57,738			1	150	8,061	6,808		1,693		42,592	42,106	486	145,274	11
365	228,221			4	1,000	69,650	21,826	5,255	42,469	100	1,782,500	1,721,486	11,074	2,322,600	12
283	123,042					64,458	69,491	229	12,354	2,444	249,335	243,366	5,969	706,263	13
42	22,782					11,738	7,729	95	3,014		62,760	51,631	1,129	123,934	14
164	110,124	3	1,000	1	182	121,629	17,982	1,118	98,729	3,800	312,242	304,869	2,873	692,852	15
75	47,456	101	31,623			112,247	18,982	1,910	91,355		277,408	273,727	3,676	649,441	16
1,308	966,248			10	2,430	239,508	188,685	9,908	35,290	5,625	759,463	727,899	31,564	2,808,755	17
28	16,756	31	8,635			10,096	4,907	178	11,011		96,080	96,020	600	211,811	18
721	1,688,408	2,957	956,854	93	14,833	552,454	287,011	7,059	226,073	32,311	2,849,739	2,287,839	61,900	7,080,418	19
89	39,390					15,616	11,074	150	3,392		596,818	596,818	1,443	804,953	20
50	26,672	39	9,250			10,633	8,120		2,407		231,818	229,046	1,072	334,484	21
64	32,669	9	3,194			10,871	8,558	125	1,688		146,618	145,962	656	247,802	22
1,359	652,028	27	8,520	8	1,462	403,492	383,855	798	26,436	37,403	909,880	887,618	22,262	3,193,839	23
1,368	712,200	537	200,456	31	4,695	220,497	64,250	3,130	97,200	55,917	1,868,814	1,853,499	15,315	3,391,063	24
778	436,817	15	3,880	8	1,017	394,150	80,382	39,811	276,107	5,350	2,442,645	2,426,043	16,602	3,954,251	25
515	227,439	300	99,698	22	4,406	51,484	30,915	1,637	21,932		627,328	612,596	14,732	1,066,826	26
1,539	793,262	3,159	849,401	128	21,352	385,690	189,041	3,793	192,206	650	2,035,754	2,004,028	31,726	5,240,104	27
948	506,491	60	11,869	18	2,208	207,454	79,019	11,206	77,138	40,183	1,608,813	1,589,841	18,472	2,806,580	28
249	155,581	3	880	2	416	41,690	19,272	2,105	20,213		906,762	295,491	11,271	652,834	29
872	460,101	152	42,020	17	2,938	124,759	37,032	2,982	66,998		876,028	860,445	26,489	1,553,856	30
5,907	3,386,488	1,488	388,525	193	28,785	1,743,669	750,223	64,110	922,736	6,600	12,065,626	11,764,160	301,966	21,946,089	31
384	224,502					9,991	1,616		8,375		453,815	448,000	5,815	800,705	32
292	176,558			4	575	22,875	5,920	1,350	15,605		65,871	60,635	5,236	859,825	33
442	225,128	258	68,582	77	14,165	77,789	34,891	300	33,095	9,500	827,500	820,753	6,747	1,498,823	34
558	265,970	560	150,939	1	144	48,115	19,441		23,674	5,000	622,491	616,549	5,942	1,235,145	35
28	10,520					3,895	2,030		1,895		16,943	15,773	1,170	41,400	36
22	12,468	22	5,600	4	728	9,709	6,250	209	750	2,500	77,576	76,410	1,166	128,160	37
5,201	4,356,094	1	260	8	1,736	2,284,116	249,331	15,757	183,903	1,880,125	6,730,763	6,701,545	29,218	16,399,283	38
531	250,314	798	278,658	179	32,148	231,850	53,200	22,650	156,000		1,216,120	1,190,833	25,287	2,258,862	39
15	7,060	2	850			2,763	1,872	25	871		6,508	6,326	182	25,720	40
291	208,362					25,844	12,600		12,844		136,237	133,643	2,594	445,987	41
20	15,964	3	1,100			4,600	3,440		1,060		35,105	34,925	180	71,450	42
1,711	1,131,221	1	700	3	1,000	278,007	168,789	80,643	79,395	4,180	955,748	928,831	26,867	3,060,806	43
399	251,614	25	8,265			5,450		8,606	1,854		279,760	274,575	5,185	502,808	44
1,138	914,159					91,124		44,143	46,981		700,563	680,419	20,144	1,739,472	45
6	2,530					1,410	1,150				43,194	42,533	661	46,676	46
151	97,202	47	19,032			110,851	12,128	4,177	94,046		827,441	297,832	29,609	728,772	47
41	22,976	29	9,877	4	585	14,724	8,472	6	6,247		58,900	56,976	1,924	140,499	48
220	91,190	279	66,700	24	1,950	95,000	40,765	1,335	52,900		1,442,497	1,431,555	10,942	2,007,818	49
104	50,018	52	17,425			43,721	12,852	1,028	26,141	8,700	450,757	444,854	5,903	804,991	50
13	6,894					7,917	1,176	380	5,217	600	7,881	7,195	186	82,120	51
331	174,721	1	500			68,860	34,400	200	34,260		9,859	5,709	4,150	868,192	52
16	7,556	34	14,500			7,125	5,880		1,245		74,181	73,619	562	180,858	53
5,948	3,742,985	494	178,093	32	5,746	2,703,950	1,151,486	16,605	382,105	1,150,744	6,608,135	6,584,118	74,022	18,110,927	54
16,879	10,552,988	6,697	2,175,536	85	11,160	16,730,809	1,319,917	19,176	1,938,657	13,458,059	51,067,186	50,956,983	110,453	97,168,897	55
122	60,248	85	26,481			9,630	6,159		2,871		15,240	14,388	851	153,025	56

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF MANHATTAN AND BRONX—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
57	Clothing, women's, dressmaking	1,113	\$4,117,478	\$148,900	\$383,289	\$340,822	\$2,944,467	1,267	278	\$230,813	6,653	\$3,100,093
58	Clothing, women's, factory product	1,479	26,386,029	386,500	273,165	2,034,841	23,641,523	2,219	3,868	3,855,991	42,065	19,933,239
59	Coffee and spice, roasting and grinding	41	2,374,275	94,500	80,576	308,941	1,830,858	65	332	345,491	531	251,426
60	Coffins, burial cases, and undertakers' goods.	11	555,830	5,000	10,000	72,510	468,320	13	41	54,420	412	237,998
61	Combs	5	158,650			16,100	142,550	7	22	13,270	186	85,585
62	Confectionery	321	4,339,139	653,468	722,401	1,044,197	1,919,073	351	563	609,151	3,931	1,591,251
63	Cooperage	52	506,855	151,000	70,700	40,425	214,730	65	19	21,870	409	217,900
64	Cordage and twine	4	2,586,702	150,000	270,000	640,050	1,626,652	2	53	108,820	1,884	600,356
65	Cordials and sirups	7	79,800			12,800	67,000	9	11	11,950	25	12,000
66	Cork, cutting	15	155,761			17,025	138,736	18	9	7,760	71	29,891
67	Corsets	49	603,622			121,862	481,760	55	81	99,673	1,104	334,934
68	Cotton goods	3	534,233			247,119	287,114	1	15	36,374	289	93,147
69	Cotton small wares	9	154,830			60,495	94,335	12	15	11,949	155	55,465
70	Cutlery and edge tools	13	103,829			36,694	67,135	17	13	12,104	121	78,122
71	Dentists' materials	4	190,500			25,000	165,500	5	51	47,710	96	45,570
72	Druggists' preparations, not including prescriptions.	28	1,641,066	50,000	105,000	127,073	1,358,993	33	133	191,334	425	174,783
73	Drug grinding	6	538,042			18,821	519,221	10	22	28,314	46	29,089
74	Dyeing and cleaning	147	646,799	56,000	80,960	92,384	417,455	189	91	45,109	540	254,331
75	Dyeing and finishing textiles	21	1,269,710	172,159	234,375	613,516	249,660	27	46	60,102	814	359,242
76	Dye stuffs and extracts	9	183,055	28,000	40,000	37,535	77,520	3	9	10,230	52	29,075
77	Electrical apparatus and supplies	90	8,342,500	601,972	1,619,785	1,528,621	4,592,122	79	842	640,401	4,344	2,197,244
78	Electrical construction and repairs	148	826,939	31,500	42,500	132,128	620,811	173	132	113,565	887	602,018
79	Electroplating	69	172,941			94,339	78,602	89	17	13,947	302	202,217
80	Enameling and enameled goods	15	15,335			5,735	9,600	19	1	780	29	15,590
81	Engravers' materials	4	11,700			5,000	6,700	5	3	7,000	30	14,944
82	Engraving and diesinking	93	179,683			89,581	90,102	108	9	15,800	253	160,367
83	Engraving, steel, including plate printing.	81	3,562,370	800,000	164,000	1,197,330	1,401,040	97	112	180,987	1,588	1,105,953
84	Engraving, wood	31	27,301			10,515	16,786	34	1	520	57	46,400
85	Envelopes	9	505,804			335,000	230,804	5	89	91,986	534	229,798
86	Fancy articles, not elsewhere specified	126	1,612,272	120,500	120,300	332,875	1,038,597	173	208	155,104	1,522	603,086
87	Fire extinguishers, chemical	4	84,375			7,375	77,000	7	18	12,500	15	12,760
88	Fish, canning and preserving	4	42,900	10,000	10,000	3,700	19,200	7	4	2,620	15	9,782
89	Flags and banners	8	384,385			41,485	342,900	11	24	28,912	178	54,847
90	Flavoring extracts	42	362,921			85,679	317,342	67	105	105,347	146	77,955
91	Flouring and grist mill products	3	5,824,960	3,040,000	1,520,000	428,000	836,960	3	51	92,438	355	185,557
92	Food preparations	55	1,192,985	37,800	190,000	221,862	743,323	55	158	182,757	782	320,956
93	Foundry and machine shop products.	384	20,253,967	1,564,756	2,399,670	4,924,766	11,864,775	424	1,056	1,251,038	10,649	6,487,458
94	Fur goods	482	6,234,996	45,000	23,340	248,295	5,968,361	728	580	573,987	3,920	2,231,903
95	Fur hats	3	60,250			8,500	51,750	23	23	16,316	159	68,011
96	Furnishing goods, men's	211	7,133,354	385,400	355,000	369,032	6,073,922	315	840	893,646	7,148	2,607,732
97	Furniture, cabinetmaking, repairing, and upholstering.	543	2,052,567	105,000	42,750	235,770	1,669,047	643	179	169,204	2,216	1,529,413
98	Furniture, factory product	150	6,281,400	817,000	611,829	556,491	4,296,080	198	428	498,524	5,494	3,262,294
99	Furs, dressed	14	153,300	17,000	17,000	67,300	67,000	13	15	14,850	176	127,035
100	Gas and lamp fixtures	47	2,321,930	50,000	18,000	605,810	1,648,120	55	213	274,446	1,694	935,441
101	Gas and oil stoves	6	403,655			33,934	369,721	6	29	26,297	158	79,437
102	Gas, illuminating and heating	6	103,864,257	17,005,575	11,881,200	47,859,316	27,618,166	907	907	966,389	8,612	2,709,068
103	Gas machines and meters	7	411,329	65,706	68,897	77,167	199,559	6	27	35,055	214	125,447
104	Glass, cutting, staining, and ornamenting.	77	396,802	2,000	5,000	89,870	799,932	104	95	95,944	998	602,162
105	Gloves and mittens	32	223,610			25,560	198,050	35	26	24,060	440	172,251
106	Glue	5	180,680			30,580	150,100	6	13	18,446	28	18,722
107	Gold and silver, leaf and foil	17	317,885	46,000	26,600	52,000	192,685	22	19	21,600	287	139,445
108	Gold and silver, reducing and refining, not from the ore.	13	546,450	100,000	125,000	71,350	250,100	16	6	8,670	49	35,524
109	Grease and tallow	7	655,808	65,000	147,002	103,499	340,307	12	31	31,394	220	133,512
110	Hairwork	53	435,330			20,955	414,375	62	20	18,090	394	133,096
111	Hand knit goods	9	80,275			7,425	72,850	13	19	11,650	144	29,163
112	Hand stamps	29	181,051			54,579	129,472	31	12	16,326	132	68,719
113	Hardware	18	540,962			245,669	295,293	17	54	69,119	394	189,279
114	Hardware, saddlery	7	40,050			22,800	17,750	9	4	2,444	47	28,490
115	Hat and cap materials	21	117,275			35,225	82,050	28	12	11,116	117	53,674
116	Hats and caps, not including fur hats and wool hats.	237	2,408,905	75,500	45,500	268,333	2,019,572	349	174	177,307	3,998	1,857,912
117	Hosiery and knit goods	23	1,004,130	15,000	60,000	201,410	727,720	25	81	91,078	942	332,376
118	House furnishing goods, not elsewhere specified.	40	601,287	15,000	7,000	99,543	479,744	50	107	90,470	826	272,145
119	Ice, manufactured	8	1,062,767	133,256	282,935	588,045	57,681	2	12	13,020	121	76,817
120	Ink, printing	14	754,150	55,000	189,000	97,521	412,629	20	60	75,660	119	72,824
121	Ink, writing	5	327,310	45,000	25,000	20,600	236,710	6	9	20,519	88	89,869
122	Instruments, professional and scientific.	55	431,758			113,376	318,382	67	40	33,008	308	179,523
123	Iron and steel	3	371,500	50,000	101,500	30,600	139,400	6	21	21,320	528	254,432
124	Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,534
125	Iron and steel, forgings	3	6,550			5,000	1,550	3			6	4,080
126	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	109,310	80,000	28,000	10,500	40,810	3	1	936	44	30,970

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF MANHATTAN AND BRONX—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.						COST OF MATERIALS USED.				Value of products, including custom work and repairing.
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.			
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.											
2,001 18,361 335 264	\$1,341,995 11,633,558 202,184 193,424	4,598 23,461 177 147	\$1,748,672 8,259,658 46,642 44,474	59 243 19 1	\$9,426 44,023 2,000 100	\$1,075,545 8,058,899 225,833 66,483	\$870,799 1,820,774 100,707 41,826	\$10,452 19,934 3,413 400	\$104,951 2,238,684 120,433 24,262	\$29,343 3,979,507 1,280 ---	\$4,155,265 53,372,965 4,594,042 282,713	\$4,112,694 53,176,338 4,553,012 276,529	\$42,571 196,627 41,030 6,181	\$10,546,896 99,464,693 6,444,173 787,076	57 58 59 60	
171	81,985	15	3,600	---	---	39,763	3,635	---	11,128	25,000	178,645	176,660	1,985	356,650	61	
1,983 395 727 18 54	1,128,530 245,300 296,966 9,501 23,007	1,869 14 1,030 7 17	450,000 2,600 281,400 2,496 6,884	79 ---	12,721 ---	838,557 47,669 271,161 12,628 12,245	305,525 27,573 44,657 5,560 5,780	41,058 3,686 14,962 6,093 6,515	489,974 13,410 211,552 ---	2,000 3,000 ---	5,865,003 621,437 2,363,835 81,848 142,748	5,766,438 621,368 2,320,828 81,188 141,886	98,565 3,009 43,007 660 862	10,242,493 1,169,376 3,597,427 149,362 245,428	62 63 64 65 66	
107 91 56 121 51	44,385 48,607 26,955 78,122 32,752	949 198 96 ---	283,414 44,510 28,010 ---	48 ---	7,135 ---	188,334 54,031 17,118 36,234 20,310	56,367 17,573 10,520 8,358 3,340	416 1,566 ---	181,551 34,892 6,598 ---	---	636,696 407,837 101,863 84,078 353,174	630,011 400,696 99,782 81,395 351,610	6,685 7,141 2,081 2,683 1,564	1,470,873 623,159 244,063 254,698 557,000	67 68 69 70 71	
191	103,624	233	70,989	1	170	451,604	30,056	8,172	404,376	---	944,624	932,296	12,328	2,304,830	72	
46 820 642 52	29,089 173,187 312,302 29,075	---	---	---	---	39,837 154,587 117,357 14,980	14,898 67,327 25,354 1,480	99 2,906 7,079 1,535	12,790 73,343 84,924 11,915	12,050 11,011 ---	957,011 320,821 347,123 339,707	951,387 303,274 302,638 334,064	2,674 17,547 44,425 5,613	1,149,829 1,063,892 1,131,586 607,500	73 74 75 76	
3,917 881 341 27 30	2,060,791 400,472 195,849 15,180 14,944	401 1 10 1 ---	131,858 1,500 4,481 260 ---	26 5 11 1 ---	4,595 1,076 1,857 150 ---	596,074 114,557 47,648 6,003 4,411	90,053 52,395 35,568 3,806 3,286	34,065 1,334 343 ---	435,577 55,086 9,802 397 1,125	36,379 4,642 1,935 1,800 ---	5,504,413 1,104,333 117,808 8,592 52,665	5,425,028 1,097,812 106,705 7,449 51,225	79,385 6,521 11,103 1,143 1,440	10,080,749 2,432,055 534,446 49,750 88,000	77 78 79 80 81	
234 987	154,803 854,926	11 580	4,080 246,404	8 21	1,484 3,723	32,735 241,579	24,494 156,404	50 20,409	4,981 50,141	3,210 14,625	37,001 705,985	31,239 695,341	5,762 10,644	406,512 2,624,471	82 83	
53 145 737	45,768 86,458 378,992	2 389 743	320 143,840 217,115	2 42	312 6,979	18,735 76,324 226,795	7,019 37,618 76,288	---	2,341 38,202 133,563	9,375 ---	12,118 596,904 1,195,039	11,886 589,630 1,181,220	232 7,274 13,819	137,515 1,090,270 2,819,895	84 85 86	
15 15 74 91 290	12,760 9,782 31,127 55,693 172,716	---	---	---	---	9,556 8,430 53,815 68,351 171,290	1,166 800 19,170 23,247 240	890 715 225 2,621 12,870	7,000 6,915 34,420 42,483 158,180	1,000 ---	17,466 63,580 276,358 475,705 4,707,242	17,050 62,755 274,308 473,263 4,717,999	416 825 2,050 2,442 49,243	70,535 97,400 490,970 971,097 5,280,117	87 88 89 90 91	
572 10,515 2,487 94 1,432	269,268 6,447,901 1,633,132 46,547 803,770	205 90 1,421 65 5,703	50,764 31,361 596,675 21,464 1,800,458	5 38 12 ---	924 8,206 2,096 ---	298,838 2,515,433 1,119,854 51,520 981,606	55,793 405,568 377,987 6,000 301,523	9,340 149,720 5,122 ---	233,705 1,096,222 448,723 34,770 434,435	803,923 8,190,898 288,022 10,750 234,397	2,049,611 8,190,898 8,018,317 181,349 10,670,498	2,015,033 7,955,981 7,997,290 181,184 10,644,739	34,578 234,917 21,018 215 25,759	3,466,715 21,565,030 14,443,684 342,300 17,646,623	92 93 94 95 96	
1,832	1,391,601	372	135,617	12	2,295	629,936	244,805	4,109	145,068	235,954	1,959,635	1,940,047	19,583	5,493,969	97	
5,341 169 1,680 158	3,200,750 122,731 927,123 79,437	150 7 22 ---	61,030 4,304 6,180 ---	3 ---	514 ---	1,035,905 13,314 287,432 43,484	328,950 7,745 70,384 14,800	28,940 476 21,534 310	518,933 5,093 194,624 26,874	159,082 ---	4,531,050 88,591 1,146,602 393,441	4,474,353 84,167 1,112,854 389,946	56,697 4,427 33,748 3,495	10,910,797 323,572 3,065,115 537,381	98 99 100 101	
3,612 200 886	2,709,068 121,932 659,463	---	---	---	---	2,563,675 30,251 251,579	---	---	---	---	3,803,364 228,612 942,216	3,599,396 223,757 930,909	294,023 4,855 11,307	12,624,440 417,167 2,142,924	102 103 104	
87 23	61,821 17,222	352 5	110,255 1,500	1 ---	175 ---	36,022 13,187	19,997 4,946	700 800	10,830 7,441	4,495 ---	203,891 259,696	201,582 258,825	2,359 871	523,253 391,800	105 106	
160 49	100,376 35,524	125	38,711	2	358	12,548 23,290	6,018 9,008	750 2,740	5,600 10,792	180 750	514,085 4,138,208	512,007 4,138,014	2,078 5,194	931,312 4,328,119	107 108	
215 85 7	132,004 52,219 2,564	5 249 137	1,508 80,877 20,599	---	---	41,830 91,840 7,873	6,380 43,088 4,560	2,844 ---	32,606 43,952 2,183	---	1,140,021 270,743 41,366	1,129,956 269,276 41,336	10,065 1,467 31	1,424,871 752,794 124,326	109 110 111	
123 305 46 74 2,582	64,156 180,484 28,126 40,990 1,379,832	8 22 1 39 1,409	4,263 6,260 364 12,008 476,814	1 7 ---	800 2,535 ---	23,332 51,405 4,558 20,240 319,427	14,769 27,561 2,990 10,014 184,221	109 877 ---	5,424 14,367 1,563 6,976 114,349	3,030 8,600 ---	83,942 207,951 18,573 3,250 18,164	81,658 261,006 17,072 263,529 3,874,836	2,284 6,945 1,501 1,641 27,370	301,355 701,581 87,484 424,041 7,658,731	112 113 114 115 116	
142 251	73,672 116,888	786 556	256,716 162,211	14 19	1,988 3,046	111,070 161,711	25,736 46,288	887 620	49,690 70,013	34,757 44,790	696,528 1,491,209	689,967 1,481,887	6,561 9,822	1,366,227 2,280,636	117 118	
121 115 50	76,817 71,530 30,082	---	---	---	---	102,755 70,102 27,109	24,676 19,076 7,945	4,984 1,612 2,353	53,095 49,414 16,811	20,000 ---	116,903 427,979 223,358	37,808 414,214 221,865	79,100 13,765 1,493	493,510 827,200 406,775	119 120 121	
287 528 6 43	172,426 254,432 31,534 4,090 30,470	15 ---	5,704 ---	6 ---	1,393 ---	60,095 27,700 4,211 1,750 2,707	28,238 7,300 3,252 1,300 1,380	154 4,200 ---	24,503 16,200 959 450 427	7,200 ---	169,326 207,549 26,260 1,790 80,909	163,487 171,012 25,518 370 79,755	5,839 36,537 72 870 1,154	612,236 631,100 87,080 14,740 150,914	122 123 124 125 126	

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF MANHATTAN AND BRONX—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.						Proprietors and firm members.	SALARIES OF OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Number.		Salaries.	Total.		
										Average number.	Wages.	
127 Ironwork, architectural and ornamental.	119	\$3,427,829	\$551,500	\$440,500	\$593,157	\$1,842,672	146	216	\$269,872	2,650	\$1,684,890	
128 Ivory and bone work	15	332,578			36,608	95,970	16	15	14,926	186	93,187	
129 Japanning	4	4,250			1,900	2,350	4			12	8,400	
130 Jewelry	221	5,106,465		15,000	647,420	4,441,045	319	278	265,273	2,744	1,858,730	
131 Jewelry and instrument cases	28	281,610			41,988	239,622	35	24	17,520	317	161,493	
132 Kaolin and other earth grinding	3	9,200			2,150	7,050	4	1	520	11	6,020	
133 Kindling wood	8	280,240	140,000	65,030	42,850	41,440	12	16	12,580	125	81,580	
134 Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,495	
135 Lamps and reflectors	25	747,748	9,100	15,000	197,501	526,141	22	102	108,395	583	298,655	
136 Lapidary work	32	1,427,275	30,000	302,000	31,200	1,061,075	47	27	40,091	293	269,556	
137 Laths	7	38,750			12,250	26,500	6	7	10,587	66	33,648	
138 Lead, bar, pipe, and sheet	4	591,500	25,000	15,000	97,500	367,000	7	22	28,180	72	39,840	
139 Leather goods	97	2,592,029	8,000	3,000	269,816	2,311,713	121	279	269,367	2,079	1,063,435	
140 Leather, tanned, curried, and finished	10	1,208,141	92,000	45,000	65,879	1,065,762	17	15	12,920	223	110,850	
141 Lime and cement	3	498,127	50,000	65,000	168,879	134,248	1	20	24,858	300	137,490	
142 Liquors, malt	42	46,261,439	7,755,725	9,508,121	5,456,284	28,501,399	19	567	1,505,910	2,923	2,335,057	
143 Lithographing and engraving	89	8,284,569	68,000	392,536	3,703,741	4,114,232	92	452	744,436	3,884	2,433,730	
144 Lock and gun smithing	212	229,968	20,000	4,000	67,000	138,968	225	12	11,650	208	120,287	
145 Looking-glass and picture frames	152	1,087,511	5,000	57,000	162,475	893,036	177	154	227,013	1,149	623,618	
146 Lumber and timber products	6	359,098	29,821	14,000	103,505	241,793	7	22	22,902	198	128,236	
147 Lumber, planing mill products, including sash, doors, and blinds.	62	2,067,642	223,425	394,225	403,123	956,869	83	112	132,316	1,342	820,181	
148 Mantels, slate, marble, and marbleized	3	480,412	10,000	9,000	29,000	432,412	5	53	44,061	216	149,561	
149 Marble and stone work	101	3,713,132	372,100	267,188	991,374	1,884,530	151	188	238,137	2,850	2,151,332	
150 Masonry, brick and stone	210	7,750,943	446,200	286,700	867,352	6,200,391	292	380	519,730	8,613	6,899,420	
151 Mattresses and spring beds	73	752,100			85,326	666,780	96	101	128,555	775	402,520	
152 Millinery and lace goods	361	7,556,004	59,000	59,000	1,056,857	6,390,147	534	1,161	1,028,885	10,609	3,874,923	
153 Millinery, custom work	366	1,400,200	49,000	43,000	70,813	1,337,386	418	202	153,000	2,335	934,934	
154 Mineral and soda waters	184	3,321,163	665,000	528,650	1,385,494	842,219	220	166	264,844	1,387	826,608	
155 Mirrors	30	1,351,581			137,819	1,193,765	50	86	100,650	839	385,186	
156 Models and patterns	30	315,791	8,000	20,000	91,233	196,558	57	23	24,117	302	187,942	
157 Monuments and tombstones	23	175,784	1,500	6,968	17,468	149,908	26	14	15,018	131	117,770	
158 Mudluge and paste	5	76,300			14,300	62,000	2	24	10,506	33	18,604	
159 Musical instruments and materials, not specified.	32	902,829	5,800	16,200	115,214	765,615	32	26	36,016	333	176,101	
160 Musical instruments, organs and materials.	7	77,400	10,000	2,000	18,400	47,000	11			58	47,971	
161 Musical instruments, pianos and materials.	80	9,342,701	881,810	1,137,883	655,826	6,067,182	94	341	495,456	4,840	2,858,921	
162 Oil, essential	5	38,725			5,025	33,700	1	16	4,470	6	2,915	
163 Oil, not elsewhere specified	29	743,318	61,000	42,000	76,000	564,258	35	86	92,576	100	61,991	
164 Optical goods	45	458,225	15,000	6,500	67,075	399,650	61	82	74,000	269	142,602	
165 Painting, house, sign, etc	944	2,692,960	261,000	242,203	321,373	1,825,387	1,118	194	148,183	5,284	4,854,332	
166 Paints	28	5,478,046	1,745,000	430,370	698,727	2,693,949	11	194	242,717	985	559,883	
167 Paper goods, not elsewhere specified	41	2,003,939	148,000	202,204	430,505	1,224,230	54	158	184,233	928	334,729	
168 Paper hangings	8	105,833			9,183	96,650	9			128	47,545	
169 Paper hangings	6	1,618,748			756,305	862,443	2	123	235,395	1,011	538,844	
170 Paper patterns	4	46,914			1,025	45,889	2	82	61,462	45	19,561	
171 Patent medicines and compounds	193	4,625,547	745,000	787,746	259,194	2,538,607	116	487	565,795	836	869,522	
172 Paving and paving materials	21	7,969,272	4,202,818	236,655	887,621	2,642,186	13	82	33,350	957	494,287	
173 Pens, fountain and stylographic	9	261,070			25,775	236,295	8	49	56,834	105	48,305	
174 Pens, gold	13	290,734			83,856	215,878	14	39	45,672	293	187,883	
175 Perfumery and cosmetics	58	1,361,703	4,800	62,200	160,540	1,144,166	61	264	334,208	556	195,237	
176 Phonographs and gramophones	3	77,800			46,630	31,200	1	2	5,000	66	38,672	
177 Photographic apparatus	7	124,411			18,050	106,361	3	17	19,050	75	37,020	
178 Photographic materials	9	51,835			25,230	26,605	12	9	6,430	56	22,104	
179 Photography	254	770,210	20,500	14,700	320,943	414,067	285	102	98,205	696	350,217	
180 Photolithographing and photoengraving	46	490,962			213,305	250,657	64	129	121,304	667	518,116	
181 Pickles, preserves, and sauces	54	1,188,603	208,400	176,900	202,264	511,039	61	137	157,752	637	277,614	
182 Pipes, tobacco	28	550,205			99,605	550,600	35	79	72,489	800	463,772	
183 Plastering and stucco work	92	562,924	25,000	7,000	105,950	424,994	135	36	39,740	956	779,983	
184 Plated and britannia ware	4	78,291			16,498	61,793	5	13	10,710	79	32,048	
185 Plumbers' supplies	20	867,774	156,000	80,000	184,515	447,259	14	58	79,948	329	200,266	
186 Plumbing, and gas and steam fitting	1,008	3,894,468	427,475	268,475	469,368	2,739,050	1,125	281	318,224	5,675	4,057,844	
187 Pocketbooks	33	330,882	12,000	40,000	25,381	253,451	43	69	45,756	475	207,367	
188 Printing and publishing, book and job	844	18,064,820	514,000	291,700	9,182,911	8,125,709	1,007	1,513	1,347,053	11,975	7,251,146	
189 Printing and publishing, music	22	987,098	5,000	2,030	133,463	849,630	28	129	89,522	215	119,736	
190 Printing and publishing, newspapers and periodicals	371	38,268,674	2,508,000	2,058,885	8,766,163	24,900,626	239	5,765	7,581,821	8,982	7,138,968	
191 Printing materials	16	315,497			134,803	180,691	11	20	25,051	121	69,741	
192 Refrigerators	10	253,889	5,500	68,000	83,850	143,089	11	18	16,009	292	136,106	
193 Regalia and society banners and emblems	25	165,708			23,491	142,277	25	24	17,977	72	31,812	
194 Roofing and roofing materials	121	467,774	60,000	64,000	67,255	275,919	139	33	39,042	536	360,216	
195 Rubber and elastic goods	45	1,944,483	21,068	95,922	295,867	1,571,616	51	166	212,888	1,193	442,464	
196 Saddlery and harness	211	787,705	59,050	52,950	83,620	592,085	226	42	42,505	601	346,866	

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF MANHATTAN AND BRONX—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average num- ber.	Wages.	Average num- ber.	Wages.	Average num- ber.	Wages.										
2,614	\$1,663,590	1	\$260	5	\$1,040	\$591,726	\$92,237	\$16,084	\$155,535	\$327,870	\$4,106,842	\$4,056,775	\$50,067	\$7,787,897	127
176	90,225	9	2,702	1	260	15,750	8,716	13	5,821	1,200	157,524	154,972	2,552	344,324	128
12	8,400					2,230	1,600		670		4,949	4,463	486	19,210	129
2,197	1,674,054	421	144,136	126	20,540	447,143	130,923	2,413	225,640	82,158	4,762,382	4,723,659	38,723	9,172,849	130
197	118,985	109	40,595	11	1,910	54,766	19,853	25	14,648	20,340	218,979	214,694	4,285	600,741	131
11	6,020					2,041	1,600	10	431		6,127	5,752	375	19,025	132
125	81,830					28,113	13,328	5,560	9,225		176,580	175,840	740	364,425	133
81	51,568	78	24,867	15	3,000	36,921	14,690	125	16,006	5,500	82,202	79,224	2,978	295,007	134
517	281,435	65	16,790	1	460	105,104	81,633	2,696	56,775	11,200	501,201	492,868	8,333	1,211,188	135
271	263,897	14	4,571	8	1,387	41,571	17,928	4,473	18,461	709	1,910,204	1,903,603	6,511	2,552,153	136
66	33,648					20,585	8,970	231	16,384		39,788	38,890	898	134,650	137
70	39,240	2	600			49,550	11,640	1,000	36,910		1,290,875	1,280,295	10,580	1,567,540	138
1,653	776,968	986	279,195	40	7,272	523,442	103,098	2,328	871,646	46,370	3,298,245	3,284,068	14,177	5,877,798	139
222	116,614	1	236			32,356	10,700	1,048	20,608		732,704	726,068	6,636	971,035	140
299	136,996	1	500			39,900	15,700	8,389	15,811		227,202	197,910	29,283	595,505	141
2,918	2,331,337			2	720	12,460,523	78,780	255,220	12,126,523		4,737,917	4,391,221	346,696	24,459,573	142
3,360	2,295,322	354	115,364	124	23,044	1,264,783	264,307	81,156	882,188	87,132	2,324,703	2,265,041	59,662	7,449,145	143
193	117,601	6	1,964	4	722	59,208	50,749	841	6,938	1,125	99,928	93,558	6,370	479,754	144
1,085	610,563	46	9,892	18	3,163	244,124	126,108	4,260	104,236	9,520	1,130,692	1,120,912	9,780	2,701,256	145
193	118,236					54,289	26,775	1,006	26,508		207,876	207,576	300	467,372	146
1,341	819,869			1	312	213,098	91,330	10,734	87,534	23,500	2,132,952	2,108,898	24,054	3,705,786	147
215	149,381			1	200	86,400	3,350	89	82,061		200,190	198,380	1,810	555,373	148
2,850	2,151,332					499,690	120,855	20,811	229,615	128,509	2,466,754	2,409,504	57,250	6,699,198	149
8,615	5,892,020	24	6,260	4	1,140	15,489,187	98,048	26,278	305,068	14,999,708	11,934,097	11,885,731	48,366	38,327,340	150
623	343,308	152	59,212			156,863	77,149	603	71,691	7,620	1,330,171	1,321,644	8,527	2,629,995	151
1,830	1,073,184	8,682	2,784,378	97	17,866	1,112,578	507,608	8,065	496,764	100,146	10,972,494	10,901,121	71,373	20,512,905	152
70	38,021	2,243	893,575	22	3,338	447,675	332,773	3,140	111,162	600	2,360,031	2,349,778	10,253	4,877,021	153
1,379	833,433	2	825	6	1,800	442,506	94,777	29,968	317,761		918,135	916,539	31,696	3,276,991	154
790	406,896	50	14,840	13	2,450	180,217	72,175	1,066	102,176	4,800	2,444,145	2,426,702	17,443	3,805,688	155
243	169,521	56	17,611	3	780	49,633	25,462	10,238	13,433	600	134,144	126,050	8,094	639,624	156
134	117,776					24,247	10,167	185	10,345	3,550	201,288	199,097	1,201	468,027	157
31	17,794	2	900			28,862	7,420	212	21,230		97,834	94,900	2,934	205,000	158
259	165,711	44	10,300			39,776	20,231	1,840	18,202		186,823	181,981	4,842	495,089	159
56	47,471			2	500	8,655	6,040	125	2,490		26,060	24,965	1,095	115,400	160
4,684	2,832,614	6	1,708	150	24,599	892,187	193,914	39,180	592,678	66,415	5,060,138	4,998,963	61,170	11,280,409	161
5	2,490	1	425			6,479	2,417	200	3,862		38,623	37,980	648	59,661	162
92	62,971	7	1,708	1	312	75,112	23,526	1,760	49,626	200	1,403,972	1,399,757	4,215	1,856,622	163
206	125,876	53	15,098	10	1,688	74,000	44,822	5,470	23,478	880	506,379	501,072	5,307	1,012,821	164
5,237	4,816,154	34	15,360	18	2,818	695,899	280,488	9,294	170,452	236,665	2,477,053	2,462,015	15,038	9,422,366	165
972	556,390	13	3,493			284,266	61,048	34,902	183,316	5,000	3,807,580	3,751,723	55,857	5,496,639	166
364	180,902	562	153,577	2	250	258,042	57,964	9,667	166,411	19,000	1,089,525	1,073,841	15,684	2,145,838	167
128	47,545					58,037	4,490	2	845		58,060	57,939	121	177,000	168
864	501,832	104	27,508	43	9,504	151,514	73,063	8,723	69,755		1,126,247	1,081,061	45,186	2,435,183	169
14	7,495	31	12,069			19,892	6,600	177	13,115		19,800	19,700	40	137,800	170
367	224,844	464	133,852	5	826	2,839,298	111,921	29,354	2,051,212	46,811	1,814,123	1,795,921	18,202	7,090,641	171
955	493,981			2	306	106,730	28,230	7,262	71,238		1,426,163	1,392,896	33,267	2,709,095	172
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	235,550	233,714	1,896	524,079	173
267	177,877	26	9,506			27,665	12,394	271	11,600	3,400	258,798	255,905	2,893	644,693	174
100	87,478	391	106,416	7	1,343	338,951	65,826	4,803	208,522	300	1,220,627	1,213,915	6,712	2,560,901	175
56	34,672	10	4,000			6,546	2,840	48	3,658		46,149	45,800	348	119,980	176
69	34,770	6	2,250			20,233	5,840	87	11,806	3,000	25,849	25,020	829	135,972	177
40	17,944	16	4,160			7,452	5,050	50	2,352		47,405	46,830	575	112,280	178
530	313,443	146	63,719	14	3,055	257,329	187,880	1,118	62,241	6,090	485,401	479,232	6,169	1,734,173	179
644	505,781	12	10,225	11	2,110	85,662	49,512	364	29,411	6,375	206,178	193,836	12,842	1,089,637	180
354	195,468	283	82,146			330,308	65,942	6,406	257,960		1,625,600	1,605,813	19,787	2,647,605	181
662	409,586	182	52,980	6	1,206	82,334	28,444		42,750	11,140	783,330	774,459	8,871	1,626,242	182
919	767,937	30	10,540	7	1,500	99,893	45,422	1,802	18,215	24,544	805,257	801,704	3,653	1,484,873	183
65	27,458	13	4,434	1	156	13,520	3,452		9,228	140	64,755	63,457	1,298	156,013	184
327	199,580			2	636	82,471	18,408	6,178	57,890		415,297	405,696	9,701	912,771	185
5,626	4,046,478	1	225	48	11,141	554,660	310,515	11,667	124,732	107,746	7,170,546	7,103,928	60,618	15,034,150	186
387	173,294	100	33,087	8	986	45,908	16,806	700	26,200	2,112	402,452	400,839	2,118	842,946	187
10,161	6,556,087	1,726	676,020	88	18,857	4,801,147	878,088	84,112	1,290,763	2,093,184	6,836,628	6,602,049	234,679	25,245,681	188
190	110,060	23	9,240	2	430	251,297	87,887	250	40,234	173,426	160,647	156,599	4,048	858,862	189
7,259	6,484,251	1,668	637,994	55	11,723	13,238,375	955,548	183,791	6,545,195	5,548,846	11,784,160	11,373,108	408,062	49,097,739	190
118	67,211	8	2,530			23,049	15,884	300	11,865		141,823	133,846	4,477	355,227	191
292	136,10														

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
197	Safes and vaults.....	8	\$446,425	\$70,000	\$9,000	\$801,625	\$85,800	2	3	\$3,996	35	\$22,854
198	Sausage.....	21	180,583	38,000	49,200	28,924	64,459	23	10	8,424	73	40,592
199	Saws.....	4	7,965			5,900	2,065	5			3	1,196
200	Scales and balances.....	6	187,700			24,350	143,350	5	30	20,244	133	60,905
201	Sewing machine repairing.....	62	74,368			16,130	58,238	68	1	520	69	37,148
202	Sewing machines and attachments.....	10	116,282			32,650	83,632	11	42	27,572	72	38,332
203	Ship and boat building, wooden.....	24	1,499,041	277,232	165,102	390,971	665,736	38	24	55,710	1,003	550,332
204	Shipbuilding, iron and steel.....	3	771,296	331,066	65,151	72,713	302,366	4	18	33,774	582	405,367
205	Shirts.....	183	4,479,793	30,000	70,000	255,280	4,124,513	276	510	406,645	4,120	1,726,930
206	Show cases.....	6	75,374			19,000	56,374	6	19	15,899	112	48,299
207	Silk and silk goods.....	50	4,428,148	75,000	106,000	1,804,640	2,942,508	56	160	272,340	4,001	1,579,314
208	Silversmithing.....	20	363,275			99,650	263,625	28	28	34,842	410	237,561
209	Silverware.....	18	2,635,046	175,000	75,000	695,737	1,589,309	18	189	203,750	1,159	672,684
210	Slaughtering and meat packing, wholesale.....	14	1,096,358	253,000	270,000	154,472	418,886	21	76	76,944	323	200,138
211	Slaughtering, wholesale, not including meat packing.....	23	7,552,078	765,000	2,280,000	831,150	3,675,928	34	244	301,250	1,882	966,611
212	Smelting and refining, not from the ore.....	4	719,487	130,000	60,000	45,000	484,487	6	73	93,378	113	93,543
213	Soap and candles.....	31	3,213,358	440,000	254,000	599,135	1,980,223	31	133	187,699	792	375,436
214	Soda water apparatus.....	7	672,734	6,000	6,000	114,308	546,426	6	63	62,122	277	108,485
215	Sporting goods.....	22	212,545			14,285	198,260	23	41	30,347	103	38,193
216	Springs, steel, car and carriage.....	3	90,622	20,000	10,000	34,092	26,530	2	12	10,626	54	24,115
217	Stamped ware.....	21	444,735	32,000	25,000	162,241	225,494	22	49	55,973	382	206,227
218	Stationery goods, not elsewhere specified.....	29	958,391	159,000	100,000	180,675	527,716	33	70	70,441	519	220,356
219	Steam fittings and heating apparatus.....	19	1,840,813			253,771	1,096,042	20	121	230,800	960	672,687
220	Steam packing.....	11	128,300			18,200	110,100	14	24	33,580	31	22,520
221	Stencils and brands.....	16	106,763			67,873	38,890	23	6	6,388	133	62,887
222	Stereotyping and electrotyping.....	26	603,754	8,000	4,000	252,972	338,782	29	70	66,001	468	338,762
223	Sugar and molasses, refining.....	7	299,372			38,737	265,635	12	20	26,454	49	29,110
224	Surgical appliances.....	32	106,777			18,188	88,589	32	25	18,040	85	49,554
225	Taxidermy.....	7	63,670			920	62,750	7	5	3,224	37	25,642
226	Tin foil.....	3	1,794,687	100,000	1,000,000	425,000	269,687	3	28	42,832	351	152,640
227	Tinsmithing, coppersmithing, and sheet-iron working.....	494	3,440,944	208,000	210,050	881,000	2,141,294	574	173	190,802	2,989	1,054,704
228	Tobacco, chewing, smoking, and snuff.....	8	825,657	30,000	23,000	102,816	669,841	4	37	70,889	357	108,151
229	Tobacco, cigars and cigarettes.....	1,212	14,828,391	498,526	626,046	822,791	12,381,025	1,380	905	1,168,250	19,308	8,300,927
230	Tools, not elsewhere specified.....	33	1,198,675		300	45,654	1,152,721	39	20	14,025	114	57,140
231	Toys and games.....	26	432,911		1,000	114,685	317,226	29	33	36,788	325	131,980
232	Trunks and valises.....	71	790,573	19,000	12,000	74,888	685,185	87	92	76,824	901	470,654
233	Type founding.....	5	563,000			319,000	244,000	3	29	45,421	271	148,248
234	Typewriter repairing.....	6	9,730			5,200	4,530	4	5	8,900	27	20,459
235	Typewriters and supplies.....	11	931,919	50,000	40,000	315,585	529,334	6	94	85,102	443	244,635
236	Umbrellas and canes.....	96	1,504,303	33,000	51,000	131,726	1,288,577	137	193	155,713	1,502	579,698
237	Upholstering materials.....	24	353,305	16,000	9,800	50,569	276,936	35	43	36,085	447	171,620
238	Varnish.....	12	968,660	221,000	161,000	101,840	485,320	12	68	150,167	167	114,140
239	Vault lights and ventilators.....	6	60,000	600	1,000	29,100	35,400	8	5	9,180	76	44,960
240	Vinegar and cider.....	4	97,975	24,000	30,000	32,075	11,000	4	1	600	24	14,582
241	Watch cases.....	4	139,500			28,500	111,000	4	9	22,000	101	90,050
242	Watch, clock, and jewelry repairing.....	612	626,523	5,900	23,200	163,816	438,607	707	28	22,258	614	378,659
243	Whalebone and rattan.....	3	56,200			4,200	62,000	3			14	7,856
244	Whips.....	4	4,850			1,350	3,500	4			8	3,708
245	Window shades.....	39	443,911	6,500	8,500	107,861	321,050	47	31	36,146	217	94,435
246	Wirework, including wire rope and cable.....	49	430,321	50,000	22,000	89,168	269,213	61	31	30,818	365	180,523
247	Wood, turned and carved.....	77	253,975			129,290	129,685	93	16	11,740	363	225,635
248	Woodenware, not elsewhere specified.....	3	8,250			2,100	6,150	6			22	10,240
249	Woolen goods.....	8	633,387			189,188	444,254	11	71	75,927	375	144,341
250	All other industries ¹	47	9,544,586	2,061,329	1,823,643	1,180,598	4,479,016	51	156	215,200	2,425	1,021,356

¹ Embraces agricultural implements, 2; bells, 1; cardboard, 1; carriage and wagon materials, 1; cheese, butter, and condensed milk, factory product, 1; cotton, cleaning and rehandling, 1; fertilizers, 1; fireworks, 2; fruits and vegetables, canning and preserving, 1; galvanizing, 2; hones and whetstones, 1; iron and steel, bolts, nuts, washers, and rivets, 2; lard, refined, 1; leather board, 1; liquors, vinous, 1; malt, 2; millstones, 1; oil, lard, 1; oil, linseed, 2; oilcloth, floor, 1; pencils,

OSWEGO.

1	All industries.....	207	\$7,322,907	\$347,182	\$1,161,655	\$1,732,185	\$4,061,885	215	273	\$346,689	3,845	\$1,543,905
2	Awnings, tents, and sails.....	4	5,610	200	800	810	3,800	5			6	2,350
3	Bicycle and tricycle repairing.....	3	4,900			2,400	2,500	5			7	975
4	Blacksmithing and wheelwrighting.....	12	11,085	2,500	2,650	2,040	8,895	15			7	3,570
5	Boots and shoes, custom work and repairing.....	11	8,640	2,000	2,225	3,640	775	11			2	656
6	Bread and other bakery products.....	9	38,300	6,825	14,150	10,025	7,300	10	8	2,800	24	9,750
7	Carpentering.....	13	29,015	4,600	5,800	4,690	18,925	13			86	37,558
8	Carriages and wagons.....	4	26,550	2,700	11,690	1,950	10,300	6			14	7,854
9	Clothing, men's, custom work and repairing.....	9	38,946	200	250	2,458	36,038	12	5	1,816	39	14,467
10	Clothing, women's, dressmaking.....	3	1,000			400	600	3			16	3,850
11	Cooperage.....	3	4,750	600	700	350	3,100	3			1	775

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGH OF MANHATTAN AND BRONX—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
35	\$22,854					\$4,575	\$2,820	\$1,365	\$390		\$22,386	\$20,886	\$1,500	\$60,803	197
73	46,592					18,942	8,767	1,281	8,078	\$816	318,145	313,090	6,055	441,991	198
8	1,196					1,031	706		325		4,735	4,470	285	13,800	199
133	66,965					39,499	27,992	1,812	9,695		63,883	61,676	2,207	238,715	200
68	36,648	1	\$500			20,059	16,738		3,321		52,474	51,482	992	171,517	201
72	88,332					22,017	6,390	56	15,061	510	47,593	45,950	1,643	189,066	202
966	542,171	9	4,136	28	\$4,025	47,973	18,797	5,785	19,791	3,600	310,382	329,871	10,511	1,362,898	203
574	402,611	2	936	6	1,820	16,283	1,400	8,352	6,581		323,751	314,166	9,585	901,437	204
1,796	992,668	2,309	731,387	15	2,881	2,782,168	199,732	1,864	490,947	2,089,625	6,967,422	6,944,839	22,583	13,657,763	205
107	47,299	5	1,000			16,062	10,839	180	5,043		46,562	45,122	1,440	145,535	206
1,526	770,166	2,350	790,430	125	18,718	921,480	138,183	9,123	245,475	528,699	3,800,893	3,261,869	39,024	6,757,544	207
873	227,267	81	9,414	6	880	36,754	17,924	360	17,320	1,150	396,583	391,355	6,228	847,361	208
1,064	615,364	66	46,570	29	10,750	249,231	58,485	15,231	172,512	3,000	1,240,726	1,224,272	16,454	2,741,994	209
315	197,444	5	2,000	3	694	124,197	19,865	9,614	94,718		4,203,272	4,189,697	13,575	4,855,076	210
1,381	966,307	1	804			705,543	71,410	85,572	597,862	699	30,027,563	29,949,625	77,938	33,897,510	211
113	98,543					119,984	4,809	2,411	112,764		1,148,414	1,140,013	8,401	1,744,975	212
583	314,231	151	51,364	58	9,841	1,452,590	85,595	13,519	1,350,209	3,237	3,734,771	3,697,343	37,428	6,479,351	213
268	106,769	8	1,560	1	156	72,450	17,678	4,975	49,797		225,954	221,680	4,274	665,148	214
48	23,567	46	12,326	9	2,300	14,151	8,920	90	4,891	250	40,389	48,422	967	166,618	215
54	24,115					11,975	5,120	787	2,568	3,500	56,805	52,870	3,926	135,391	216
293	178,007	85	27,640	4	580	64,317	17,282	1,435	45,350	250	262,520	255,183	7,337	807,954	217
197	110,798	816	108,358	6	1,200	134,920	34,366	3,707	92,247	4,600	563,206	555,283	7,923	1,346,568	218
959	672,427	1	260			803,801	44,562	1,257	218,031	9,948	1,760,409	1,744,636	15,773	3,197,518	219
30	22,312			1	208	84,264	3,952		30,312		55,722	54,780	942	263,670	220
108	58,379	25	4,508			15,907	9,604	205	6,098		30,133	28,875	1,258	160,202	221
458	336,727	5	1,123	5	912	77,978	39,590	1,472	33,506	3,500	209,063	191,684	17,379	859,722	222
45	27,810	4	1,300			36,471	14,550	250	19,813	1,858	1,039,673	1,036,211	3,462	1,261,676	223
48	86,691	37	12,863			36,008	16,655		12,803	6,550	65,358	64,251	1,107	251,850	224
27	21,744	8	8,598	2	800	9,911	6,800		1,795	1,226	44,952	44,703	249	101,013	225
179	103,971	142	43,368	30	5,801	151,199	26,800	4,722	119,677		881,274	873,182	8,092	1,261,843	226
2,937	1,938,419	39	13,034	13	3,251	442,513	239,236	8,856	150,651	43,770	3,246,990	3,196,491	50,499	7,369,129	227
138	63,846	219	44,305			815,963	21,450	5,371	789,142		786,574	782,409	4,165	1,771,280	228
10,693	5,862,486	8,630	2,932,851	45	5,590	7,791,842	480,746	38,882	7,258,053	14,661	12,938,297	12,889,479	48,813	35,659,972	229
80	48,550	28	8,590			33,562	10,481	285	13,516	9,250	67,506	65,136	2,430	234,620	230
202	99,206	118	32,043	5	731	65,710	23,260	183	32,567	9,700	251,856	248,022	3,834	603,819	231
877	463,546	21	6,562	3	546	116,999	77,489	1,227	37,333	950	1,304,056	1,299,271	4,785	2,437,863	232
195	126,397	76	21,851			46,341	22,950	1,496	21,895		111,040	105,006	6,034	425,855	233
27	20,459					3,427	2,381		1,046		10,074	9,765	309	41,880	234
396	232,514	37	10,873	10	1,248	73,910	20,850	3,769	49,301		259,158	254,535	4,623	885,304	235
637	321,678	86	256,738	9	1,082	259,039	86,766	1,720	147,973	23,180	3,201,075	3,185,411	15,664	5,001,333	236
159	86,892	278	82,749	10	1,979	68,869	24,140	479	31,243	13,007	394,076	390,914	3,162	900,392	237
160	109,940	7	4,200			113,202	5,165	9,212	98,335	500	1,086,813	1,071,597	15,216	2,375,151	238
76	44,960					7,918	6,465	50	1,403		69,590	67,373	2,155	187,950	239
24	14,682					4,217	1,460	200	2,537		31,290	30,535	755	65,600	240
99	39,010	2	1,010			14,903	2,808	125	11,970		163,123	161,686	1,237	335,100	241
536	360,839	28	10,115	50	7,705	201,445	147,972	280	35,679	17,514	331,922	321,941	9,981	1,548,052	242
13	7,856	1	500			4,637	2,320		2,347		98,875	98,535	525	135,000	243
8	3,708					980	780		175	25	6,847	6,600	247	15,690	244
131	68,901	75	23,636	11	1,948	58,432	33,629	646	19,353		796,351	788,619	7,732	1,149,402	245
311	164,077	54	10,446			59,317	23,936	1,648	24,533	3,250	282,119	277,243	4,876	685,101	246
360	224,865	2	570	1	200	48,912	36,135	365	11,762	650	181,841	168,768	13,073	623,270	247
22	10,240					1,479	1,048		431		6,870	6,180	190	24,480	248
92	59,900	283	90,441			104,324	18,272	953	66,893	18,206	319,977	314,967	5,010	725,877	249
1,743	877,108	560	124,248	122	20,000	469,650	54,294	40,722	364,124	10,510	5,947,432	5,750,838	196,594	8,143,295	250

lead, 1; pottery, terra cotta, and fire-clay products, 2; pulp goods, 1; pumps, not including steam pumps, 2; registers, car fare, 1; rules, ivory and wood, 2; screws, machine, 1; starch, 1; straw goods, not elsewhere specified, 1; tobacco, stemming and rehandling, 1; washing machines and clothes wringers, 1; watch and clock materials, 2; watches, 1; windmills, 1; wood, preserving, 1; wool pulling, 2.

OSWEGO.

2,829	\$1,322,913	877	\$198,702	139	\$22,290	\$667,109	\$54,304	\$39,088	\$572,391	\$1,331	\$4,611,976	\$4,512,417	\$99,558	\$8,137,950	1
5	1,900	1	450			837	370	15	452		6,130	6,130		12,100	2
8	975					639	440		99		3,675	3,675	65	7,450	3
7	3,570					976	883	71	72		5,749	5,478	271	21,464	4
2	656					894	315	65	14		3,149	3,149		9,960	5
19	8,552	4	1,050	1	148	1,588	400	291	897		32,233	30,270	1,963	60,073	6
86	87,553					794	346	236	212		81,568	81,808	260	137,437	7
14	7,854					762	199	149	417		8,007	7,673	334	28,402	8
15	8,950	23	5,392	1	125	3,424	2,138	8	678	600	21,108	20,878	230	55,486	9
						422	404		18		1,035	1,035		7,000	10
1	775	16	3,850			30		30			2,103	2,103		3,300	11

TABLE 8.—MANUFACTURES IN CITIES

OSWEGO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple- ments.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
12	Foundry and machine shop products.	11	\$1,297,418	\$39,400	\$91,699	\$243,768	\$922,551	14	46	\$49,917	600	\$265,428
13	Furniture, cabinetmaking, repairing, and upholstering.	3	6,700	2,000	3,200	350	1,150	3	2	200	4	1,900
14	Hosiery and knit goods	3	975,801	35,000	207,274	295,680	437,847	2	15	16,387	703	178,253
15	Liquors, malt	5	210,276	15,600	50,000	52,750	91,926	3	16	12,416	33	16,030
16	Malt	5	351,950	28,200	122,000	51,000	150,750	2	9	11,480	40	20,733
17	Masonry, brick and stone	7	14,050	3,300	885	2,115	7,750	11			42	24,834
18	Millinery, custom work	9	26,225	1,300	1,800	1,075	22,050	9	5	800	42	8,985
19	Mineral and soda waters	3	19,700	1,800	4,200	8,000	5,700	2	1	1,000	5	2,530
20	Painting, house, sign, etc	14	31,050	3,100	4,450	3,550	19,950	16	4	900	52	25,526
21	Photography	4	7,200	500	300	4,800	1,600	4			2	1,175
22	Plumbing, and gas and steam fitting	6	69,725	12,000	3,500	6,525	42,700	8	3	950	32	13,676
23	Printing and publishing, book and job	5	98,138	3,000	12,000	41,828	41,300	6	8	2,782	36	16,750
24	Roofing and roofing materials	3	2,400			700	1,700	3			6	2,109
25	Saddlery and harness	4	8,250			1,050	7,200	4			4	1,750
26	Tinsmithing, coppersmithing, and sheet-iron working.	9	22,469	1,650	4,500	3,179	13,140	9	8	3,000	25	13,194
27	Tobacco, cigars and cigarettes	3	5,328			460	4,868	4			7	3,908
28	Watch, clock, and jewelry repairing	6	14,450	1,200	2,200	5,200	5,850	6			12	6,136
29	Wood, turned and carved	3	14,100			7,950	6,150	3			11	3,545
30	All other industries ¹	38	3,978,831	179,507	610,472	973,442	2,215,410	24	148	242,241	1,991	855,647

¹ Embraces boxes, wooden packing, 2; cars and general shop construction and repairs by steam railroad companies, 1; confectionery, 2; cotton goods, 1; dyeing and cleaning, 1; engraving, steel, including plate printing, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; matches, 1; mattresses and spring

POUGHKEEPSIE.

1	All industries	377	\$5,688,058	\$336,125	\$890,859	\$1,271,699	\$3,180,375	426	197	\$240,593	3,432	\$1,583,268
2	Bicycle and tricycle repairing.	5	17,400	2,000	4,000	5,500	5,900	5			13	7,699
3	Blacksmithing and wheelwrighting.	17	16,245	2,700	2,800	3,675	6,970	19			27	16,243
4	Boots and shoes, custom work and repairing.	24	6,730	1,050	1,075	1,990	2,675	26			8	1,824
5	Bottling.	5	11,700	2,500	2,500	2,790	3,910	5			5	2,952
6	Bread and other bakery products.	19	180,124	4,800	9,800	79,817	35,707	19	14	15,058	66	31,687
7	Carpentering.	19	64,598	4,300	8,700	16,050	35,548	21	1	55	90	66,130
8	Carriages and wagons.	4	58,500	16,250	12,750	4,500	25,000	5	3	2,200	29	19,060
9	Clothing, men's, custom work and repairing.	26	51,424	2,600	3,000	3,805	42,019	29	4	4,251	67	36,402
10	Clothing, women's, dressmaking.	22	22,510	3,300	9,200	2,215	7,795	24			39	14,553
11	Confectionery.	5	13,350	1,000	1,000	5,000	6,850	6	1	728	13	4,011
12	Cooperage.	4	55,900	7,450	10,300	5,450	32,700	5	1	520	55	27,012
13	Dyeing and cleaning.	5	4,775	1,000	1,500	1,875	400	6			3	1,002
14	Electrical construction and repairs.	4	4,033			2,000	2,033	4			4	1,479
15	Foundry and machine shop products.	9	423,921	30,000	30,811	118,820	244,260	9	15	19,248	242	135,102
16	Furniture, cabinetmaking, repairing, and upholstering.	19	16,835	3,800	5,700	3,375	3,930	28			27	13,389
17	Lock and gun smithing.	4	2,400			2,050	350	4			1	520
18	Looking-glass and picture frames.	6	3,685			785	2,900	6			3	860
19	Lumber, planing mill products, including sash, doors, and blinds.	3	86,878	12,800	22,100	26,000	25,978	8	4	2,150	43	17,900
20	Marble and stone work.	3	10,275	3,000	650	1,125	5,500	4			7	5,000
21	Masonry, brick and stone.	9	15,210	2,100	2,900	2,675	7,635	10			57	39,540
22	Millinery, custom work.	17	38,026	3,400	6,950	1,303	26,373	17			52	13,574
23	Mineral and soda waters.	4	16,425	1,000	1,000	12,200	2,225	5			14	7,707
24	Monuments and tombstones.	3	61,500	5,000	5,000	10,000	41,500	5			35	24,424
25	Painting, house, sign, etc.	14	13,460	100	825	4,258	8,777	19	1	800	52	31,904
26	Paper hanging.	4	12,875	3,000	3,800	875	5,200	5			8	5,640
27	Patent medicines and compounds.	4	29,875	9,000	4,500	10,675	5,800	5	1	400	17	10,276
28	Photography.	7	9,300		500	6,900	1,900	9			11	5,098
29	Plumbing, and gas and steam fitting.	13	100,730	7,700	11,700	3,950	72,380	16	3	1,900	86	52,350
30	Printing and publishing, book and job.	7	61,360			47,700	13,660	9	2	2,100	60	25,496
31	Printing and publishing, newspapers and periodicals.	5	110,625	5,000	13,500	61,000	31,125	5	5	3,883	35	41,634
32	Roofing and roofing materials.	3	5,450	550	750	950	3,200	3			11	6,200
33	Saddlery and harness.	5	3,400	250	250	550	2,350	6			6	3,653
34	Slaughtering, wholesale, not including meat packing.	3	10,975	800	1,500	2,200	6,475	3			4	1,945
35	Tinsmithing, coppersmithing, and sheet-iron working.	4	11,285	4,100	5,100	1,925	160	5	1	900	7	4,125
36	Tobacco, cigars and cigarettes.	11	54,090	750	1,200	2,280	49,860	14	2	1,000	59	32,264
37	Watch, clock, and jewelry repairing.	15	21,225	5,725	5,725	5,225	4,550	16			10	5,116
38	All other industries ¹	46	4,110,934	189,100	700,143	805,411	2,416,280	41	139	185,897	2,121	869,997

¹ Embraces agricultural implements, 2; awnings, tents, and sails, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brick and tile, 2; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 1; dye stuffs and extracts, 1; electroplating, 1; engraving, steel, including plate printing, 1; fancy articles, not

BY SPECIFIED INDUSTRIES: 1900—Continued.

OSWEGO—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 15 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.	Aver- age num- ber.	Wages.										
596	\$261,518	1	\$300	3	\$550	\$63,181	\$4,650	\$4,144	\$51,337	\$50	\$101,450	\$388,661	\$16,408	\$914,430	12
4	1,000					636	36	210	340	50	4,435	4,435		9,800	13
126	52,784	584	120,009	43	5,450	28,526	11,450	4,622	12,451		606,589	597,351	9,235	915,097	14
33	26,030					55,177		1,648	53,189		42,158	39,454	2,701	148,137	15
40	29,733					19,702	5,000	3,231	11,141		481,253	424,065	10,188	565,323	16
42	24,834														
5	2,530	41	8,900	1	85	275	50	45	180		11,635	11,385	150	49,915	17
52	25,526					2,809	2,260	71	472		38,486	38,486		67,950	18
2	1,175					860	100	116	844		2,129	2,104	25	9,610	19
32	13,676					1,502	767	144	391		31,140	31,140		77,732	20
27	14,203					809	750	5	64		8,400	3,250	150	9,616	21
6	2,100														
4	1,750					1,126	395	316	415		39,746	39,228	523	73,555	22
25	13,194	8	2,323	1	224	3,286	408	953	1,895		16,693	15,942	751	45,117	23
						234	168		66		3,402	3,402		9,050	24
						781	698		83		4,270	4,270		19,540	25
						1,683	872	86	622		31,118	30,655	463	53,250	26
7	3,908														
12	6,135					1,757	222		1,535		3,236	3,236		11,781	27
11	3,545					887	612	43	232		2,565	2,455	50	14,400	28
1,633	783,551	249	56,428	86	15,638	1,168	592		106	470	5,012	4,612	400	12,064	29
						473,153	19,732	22,481	430,776	161	2,762,592	2,707,187	55,405	4,767,952	30

beds, 1; monuments and tombstones, 2; paving and paving materials, 1; perfumery and cosmetics, 1; plumbers' supplies, 1; printing and publishing, newspapers and periodicals, 2; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; springs, steel, car and carriage, 1; starch, 1; sugar and molasses, refining, 1; window shades, 1; woolen goods, 1.

POUGHKEEPSIE.

2,701	\$1,406,200	666	\$163,061	65	\$10,404	\$111,405	\$91,479	\$17,670	\$327,124	\$5,222	\$3,475,100	\$3,252,318	\$222,782	\$6,826,769	1
13	7,009					1,523	864	60	799		8,006	7,780	226	29,863	2
27	16,243					1,738	1,514	145	79		12,586	11,932	654	55,968	3
3	1,324					1,712	1,487	34	191		6,516	6,129	87	19,967	4
5	2,952														
66	31,687					776	304	75	367		12,463	12,463	90	23,005	5
90	66,130					23,506	3,476	473	10,617		119,397	116,813	3,084	218,662	6
29	19,060														
54	31,271	13	5,131			2,172	875	161	1,136		77,492	77,297	195	191,083	7
4	4,372	35	10,181			1,979	1,200	144	635		11,607	11,152	455	49,950	8
7	2,696	2	720	4	625	7,203	4,436	45	2,722		49,664	49,019	645	135,013	9
55	27,012					2,166	1,827	130	200		21,084	20,939	145	57,167	10
3	1,002					1,349	900	30	419		18,367	17,002	465	35,080	11
4	1,479														
212	135,102					2,400	350	328	1,832		38,731	38,317	414	85,007	12
27	13,389					814	668	27	175		1,465	1,305	190	7,000	13
1	520					615	440		119		6,961	6,822	139	13,120	14
8	860					20,807	2,462	873	17,622		283,610	278,055	5,555	527,710	15
43	17,900					2,231	1,621	333	380		12,768	12,588	120	50,876	16
7	5,000														
57	39,640					218	204		14		718	687	31	3,585	17
13	7,595					1,222	1,102		120		5,754	5,704	50	14,901	18
35	24,424					1,652		402	1,250		87,150	86,450	700	83,000	19
52	31,964														
8	5,640					656	500	95	121		18,150	18,060	60	22,417	20
13	9,652	51	13,414	1	130	350	135	58	157		23,817	23,817		79,411	21
8	4,338														
86	52,350					4,292	3,135	115	1,032		33,001	33,501	310	70,800	22
49	23,161	1	312			1,198	860	25	783		12,547	12,237	90	28,093	23
83	40,098					2,275	750	95	1,436		29,980	29,450	530	73,950	24
11	6,200					2,938	1,785	10	1,173		32,642	32,617	125	91,480	25
5	3,653					738	286	70	397		6,400	6,400		19,510	26
4	1,945														
7	4,125					22,857	204	128	22,525		101,503	100,408	1,095	276,302	27
57	31,964					1,775	1,450	38	287		13,899	13,763	136	30,750	28
9	4,882					5,013	2,176	208	2,629		79,172	77,943	1,229	174,599	29
1,520	728,661	1	234	50	8,532	3,809	2,191		1,615		16,057	14,989	1,068	75,449	30
						6,616	1,380	446	4,790		18,304	16,585	1,419	95,337	31
						120	72	20	28		9,832	9,822	10	18,985	32
						530	440	5	85		4,095	4,050	45	10,919	33
						378	150	30	193		98,712	98,712		109,242	34
						776	100	111	565		12,177	12,087	90	23,800	35
						12,678	1,383	29	11,566		32,701	32,523	175	105,166	36
						2,209	1,318	113	451		4,274	3,994	280	24,715	37
						267,661	23,011	12,865	229,590	5,222	2,208,978	2,005,423	202,655	3,886,786	38

elsewhere specified, 1; furniture, factory product, 2; gas, illuminating and heating, 1; glass, 1; grease and tallow, 1; hardware, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1; iron and steel, 2; lime and cement, 1; liquors, malt, 2; optical goods, 1; paving and paving materials, 1; photographing and photoengraving, 1; pumps, not including steam pumps, 1; regalia and society banners and emblems, 1; sewing machine repairing, 1; ship and boat building, wooden, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; surgical appliances, 1; wheelbarrows, 1; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

ROCHESTER.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	2,616	\$40,086,212	\$3,550,688	\$5,695,870	\$10,918,912	\$28,920,783	2,832	3,279	\$3,292,451	33,408	\$13,832,122
2	Awnings, tents, and sails	8	64,100	23,000	3,900	6,530	31,800	5	3	3,000	55	24,400
3	Baking and yeast powders	4	16,100	550	1,150	650	13,750	4	4	3,000	2	680
4	Baskets, and rattan and willow ware	13	15,515	1,000	2,325	1,320	10,900	14	1	250	65	15,800
5	Bicycle and tricycle repairing	60	101,705	2,500	1,300	41,880	56,075	67	8	3,482	63	29,617
6	Bicycles and tricycles	8	354,284			86,703	267,521	3	42	29,433	167	81,986
7	Blacksmithing and wheelwrighting	73	107,600	28,200	23,875	19,115	35,500	83			90	51,259
8	Bookbinding and blank book making	7	57,475			25,650	31,825	9	16	12,486	126	54,718
9	Boot and shoe cut stock	5	71,742			18,472	53,270	4	6	4,280	156	54,540
10	Boot and shoe findings	4	16,520			5,920	10,600	5	3	2,800	38	13,428
11	Boots and shoes, custom work and repairing	128	83,105	19,590	23,325	19,205	21,185	134	3		61	24,709
12	Boots and shoes, factory product	60	2,942,643	8,100	20,862	788,976	2,124,710	67	395	363,866	4,485	1,064,903
13	Boxes, cigar	3	11,503			4,500	7,000	4			18	7,138
14	Boxes, fancy and paper	12	418,963	17,000	51,000	136,872	215,083	12	34	33,639	739	176,322
15	Boxes, wooden packing	4	189,393	26,000	32,000	30,945	90,448	3	12	10,766	127	66,615
16	Brass castings and brass finishing	4	101,493	12,000	29,000	15,845	44,651	9	6	4,108	45	24,490
17	Bread and other bakery products	98	395,198	76,000	95,150	118,305	105,743	112	44	18,140	273	127,780
18	Brooms and brushes	4	11,030	800	1,500	2,250	6,500	4			19	9,990
19	Buttons	4	291,572			38,040	253,532	2	27	17,634	373	103,311
20	Carpeting	132	393,921	60,150	55,975	76,412	201,384	148	10	11,376	862	519,862
21	Carpets, rug	4	6,005	250	305	5,030	375	3	1	1,000	7	2,324
22	Carriages and sleds, children's	3	51,794	100	450	2,150	49,094	2	8	1,150	9	4,030
23	Carriages and wagons	16	1,318,070	110,500	117,800	56,050	1,033,720	13	65	76,559	463	284,943
24	Cars and general shop construction and repairs by steam railroad companies	4	362,895	83,500	61,700	131,702	136,993		23	22,343	508	251,608
25	China decorating	4	9,210	1,000	1,000	5,350	1,860	4	1	1,000	2	446
26	Clothing, men's, custom work and repairing	134	609,672	37,875	60,900	45,740	465,737	206	33	23,601	443	205,979
27	Clothing, men's, factory product	307	6,045,528	153,555	274,781	210,250	5,406,612	377	244	335,530	4,372	1,858,166
28	Clothing, men's, factory product, buttonholes	5	25,300	3,000	8,000	12,150	2,150	5	8	3,912	38	16,686
29	Clothing, women's, dressmaking	219	157,668	20,700	39,300	31,695	62,973	237	1	500	652	190,354
30	Clothing, women's, factory product	4	33,535			17,427	75,108	5	11	9,335	225	40,037
31	Coffee and spice, roasting and grinding	3	58,000			17,000	71,000	1	12	8,913	22	8,021
32	Confectionery	42	436,244	15,500	20,150	84,872	315,722	40	74	95,799	632	162,504
33	Cooperage	14	96,200	18,400	15,300	9,337	63,122	13	3	2,125	131	63,457
34	Corsets	6	26,050			5,030	21,000	7	2	1,250	37	9,046
35	Cutlery and edge tools	6	248,259	30,200	38,300	26,853	162,901	9	4	1,873	56	26,620
36	Dyeing and cleaning	8	58,410			20,310	12,100	11	8	3,692	63	15,064
37	Electrical construction and repairs	9	57,600	12,000	3,000	6,035	36,535	6	9	8,580	54	34,522
38	Electroplating	7	17,902			10,700	7,202	9	3	2,080	59	17,745
39	Engraving and die sinking	6	6,120			8,800	2,320	8	2	1,236	12	3,752
40	Engraving, wood	3	1,450			1,200	250	3			2	1,092
41	Fancy articles, not elsewhere specified	4	1,560			625	925	5	2	300	2	500
42	Flavoring extracts	3	4,525	800	1,000	975	1,750	3			1	200
43	Flouring and grist mill products	14	805,795	120,000	153,764	178,719	347,312	13	27	31,430	130	73,987
44	Food preparations	3	12,780			960	11,820	3	2	980	1	800
45	Foundry and machine shop products	73	4,206,826	373,852	552,991	1,021,459	2,253,524	53	208	257,685	1,885	1,020,030
46	Fur goods	5	142,532			9,300	133,232	6	12	7,700	63	27,917
47	Furnishing goods, men's	5	250,155			10,973	250,182	7	31	29,083	258	75,273
48	Furniture, cabinetmaking, repairing, and upholstering	24	26,535	3,900	3,150	5,870	18,675	25	2	3,500	50	22,944
49	Furniture, factory product	22	1,403,471	178,300	181,300	211,842	982,029	21	131	152,737	1,491	609,243
50	Glass, cutting, staining, and ornamenting	3	24,236			8,045	21,191	4	3	1,030	12	6,613
51	Hand stamps	3	10,500			4,200	6,300	4			9	4,993
52	Hardware	4	356,699	35,000	50,000	103,000	138,699	1	24	24,325	141	69,980
53	Hats and caps, not including fur hats and wool hats	6	11,800			2,200	9,600	6	1	600	10	3,562
54	Instruments, professional and scientific	5	194,426	5,800	11,500	27,399	149,727	6	22	22,650	140	53,553
55	Ironwork, architectural and ornamental	5	55,800			21,600	34,200	6	4	2,800	63	32,700
56	Jewelry	8	28,310			1,910	21,400	4	1	800	5	5,960
57	Lamps and reflectors	3	325,859	10,000	50,000	106,000	159,859	1	26	25,844	319	106,983
58	Laths	4	42,874			20,474	22,400	4	2	2,200	50	26,060
59	Liquors, malt	13	4,906,938	723,991	1,313,770	848,244	2,025,087	5	114	171,465	404	306,668
60	Lithographing and engraving	5	618,172	30,000	75,283	297,287	210,625	3	24	25,838	344	160,091
61	Lock and gun smithing	8	6,155	400	400	1,905	8,450	8	2	1,300	8	3,496
62	Looking-glass and picture frames	13	277,100	12,100	18,500	38,850	208,150	14	36	46,911	240	108,666
63	Lumber, planing mill products, including sash, doors, and blinds	17	527,127	58,700	111,054	133,113	223,360	18	37	33,518	368	179,774
64	Marble and stone work	7	114,059	10,000	13,000	18,300	72,759	11	2	2,100	185	82,968
65	Masonry, brick and stone	51	331,708	39,475	24,300	63,805	204,038	64	15	20,252	724	309,250
66	Millinery, custom work	55	139,299	8,150	14,750	6,400	100,999	67	16	6,126	172	54,980

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCHESTER.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
22,560	\$11,042,593	9,889	\$2,641,241	959	\$148,288	\$9,143,154	\$755,483	\$190,459	\$5,889,483	\$2,807,779	\$32,082,063	\$31,557,122	\$524,941	\$69,129,820	1
42	20,480	13	3,920			5,656	1,656	150	3,850		28,058	26,938	1,115	68,884	2
1	530	1	150			2,855	480	23	2,402		5,782	5,602	180	15,226	3
16	8,276	20	3,600	30	3,924	4,765	429	63	18	4,255	7,401	7,147	254	41,681	4
59	28,748	1	273	3	590	17,761	11,666	63	8,685	2,847	67,299	65,355	1,944	190,556	5
167	81,766	10	3,220			25,093	6,861	148	16,787	1,297	220,458	216,572	3,886	398,100	6
87	50,781			3	528	13,421	11,286	903	1,157	125	49,921	47,415	2,506	186,847	7
72	40,156	52	14,282	2	280	21,784	3,464		11,020	7,300	53,359	52,207	1,152	163,046	8
105	43,766	39	8,704	12	2,070	7,011	3,275		3,475	261	161,666	160,280	1,886	308,022	9
26	10,848	12	2,580			4,215	965		3,250		25,405	25,110	295	56,275	10
60	24,111			4	598	14,627	12,194	665	1,768		58,282	56,586	1,096	160,250	11
2,423	1,094,153	1,788	530,559	274	40,191	354,453	66,720	2,402	248,223	37,108	4,026,537	3,997,656	28,881	6,933,111	12
11	5,640	6	1,290	1	208	1,266	950		816		12,341	11,900	441	28,500	13
178	82,624	504	89,078	57	4,620	43,876	15,096	2,278	26,502		195,150	188,553	6,597	581,084	14
117	54,119			10	2,496	13,822	4,175	1,853	7,794		193,552	192,016	1,586	292,610	15
45	24,490					1,156	250	420	486		103,382	101,181	2,201	152,041	16
227	117,683	43	9,490	3	607	40,702	17,647	2,872	20,188		502,770	484,893	17,877	875,027	17
19	9,990					861	505	50	309		22,891	22,619	272	41,200	18
144	62,154	203	87,922	26	3,235	38,574	9,443	250	28,881		68,562	65,857	2,705	354,052	19
862	519,862					300,330	6,214	1,888	10,598	281,630	901,066	898,667	2,399	2,056,158	20
3	1,248	4	1,076			431	316	11	104		961	810	151	6,387	21
6	3,310	2	676	1	104	1,792	1,400	22	370		24,700	24,593	107	39,075	22
463	284,943					81,043	3,421	5,474	69,230	3,513	275,640	269,330	6,310	790,417	23
508	251,608					5,085		1,685	4,000		252,042	247,343	4,699	531,678	24
249	143,944	1	290	1	156	445	304	25	116		1,435	1,090	345	6,175	25
		176	54,364	13	2,671	199,289	42,584	1,257	22,624	132,524	431,857	426,810	5,047	1,193,072	26
1,933	1,071,801	2,605	769,281	134	17,584	1,764,190	76,629	12,643	356,202	1,318,716	5,522,465	5,480,761	41,704	11,188,272	27
16	10,210	19	5,082	3	364	1,952	284	61	1,607		4,515	4,168	347	28,524	28
38	22,862	618	167,358	1	139	34,122	28,952	742	3,828		165,952	161,523	4,429	563,829	29
6	2,392	219	37,645			19,746	2,850		16,896	800	88,431	87,861	570	185,357	30
18	5,681	9	2,340			5,985	2,800	25	3,600		122,756	120,966	1,790	152,611	31
181	84,690	327	75,117	24	3,097	270,964	21,388	1,240	248,336		650,603	641,691	8,912	1,321,282	32
131	63,457					3,850	1,954	417	1,479		119,689	118,649	1,040	213,095	33
7	2,400	30	6,646			2,577	1,090		887		16,136	15,780	356	39,450	34
56	26,629					6,655	1,135	1,667	3,662	291	23,983	20,680	3,303	82,520	35
29	8,675	34	6,389			5,905	4,120		1,755		13,564	10,214	3,250	68,300	36
54	34,522					5,313	2,508	225	2,580		82,597	82,076	521	168,024	37
55	16,863			4	882	2,262	1,612		450		5,038	4,242	796	37,964	38
6	2,348	6	1,404			1,520	952		577		1,251	1,132	119	19,113	39
1	986	2	500	1	156	448	288		85	75	565	535	30	6,560	40
						2,071	911		360	800	4,605	4,540	65	12,700	41
1	260					117	52	28	37		2,397	2,378	19	5,573	42
136	73,987					63,341	8,788	5,602	48,956		2,628,883	2,608,467	15,416	3,010,539	43
1	300					2,832	632		2,200		9,065	9,030	35	17,100	44
1,877	1,019,224			8	1,466	582,942	39,979	15,463	331,103	196,892	1,333,904	1,275,749	58,155	4,036,479	45
23	14,022	46	13,895			16,365	4,670	270	11,425		99,468	99,183	275	174,225	46
32	23,766	219	50,745	7	782	14,529	4,271	99	10,159		323,665	322,717	948	511,642	47
49	22,844			1	100	6,742	3,788	152	2,627	175	34,135	33,427	708	94,057	48
1,419	555,550	13	4,416	59	9,277	140,505	26,920	3,592	109,693	800	744,027	723,584	20,443	2,069,972	49
12	6,513					1,717	976		741		4,888	4,287	101	23,112	50
8	4,493	1	500			1,765	985		780		7,536	7,415	121	20,250	51
140	69,820			1	160	19,639	2,350	2,193	15,096		66,017	63,922	2,095	217,120	52
3	1,852	6	1,550	1	160	1,443	1,098		845		16,135	15,970	165	28,550	53
81	41,281	56	11,648	3	624	37,554	1,662	600	35,292		114,595	113,340	1,255	257,873	54
68	32,700					5,556	2,226		29,289	2,500	31,403	29,285	2,118	114,600	55
5	5,960					1,170	855		315		33,097	32,953	144	54,000	56
305	104,983			14	2,000	19,136	2,170	2,070	14,896		272,609	270,671	1,938	672,926	57
50	26,060					7,000	3,800		3,200		18,236	17,350	886	70,250	58
404	306,663					1,265,074	9,102	37,021	1,218,951		682,399	534,435	47,914	2,748,290	59
280	147,017	61	12,486	3	588	42,481	3,058	1,887	36,156	1,400	226,769	222,188	4,581	534,966	60
6	2,976	1	364	1	156	2,886	1,886	16	1,035		3,887	3,638	249	19,350	61
225	105,656	13	2,600	2	350	82,184	8,261	525	23,348		111,546	108,758	2,788	352,457	62
338	175,816			30	3,958	36,273	11,249	2,095	22,929		338,425	322,220	11,205	668,594	63
186	82,968					4,815	3,617	388	810		89,211	88,496	715	213,360	64
724	309,290					172,572	1,946	1,072	9,654	160,500	302,653	300,233	2,425	918,412	65
2	208	167	54,481	3	300	23,830	17,163	408	6,314		193,397	192,397	1,000	366,369	66

TABLE 8.—MANUFACTURES IN CITIES

ROCHESTER—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
67	Mineral and soda waters	10	\$117,150	\$8,150	\$8,650	\$70,500	\$29,850	10	8	\$4,224	36	\$17,069
68	Models and patterns	10	138,290	3,000	17,000	6,780	111,510	10	2	4,000	39	20,750
69	Monuments and tombstones	6	27,115	6,200	4,500	665	15,750	9	1	1,200	5	2,840
70	Musical instruments, pianos and materials.	3	255,148	14,000	18,878	16,140	206,130	15	15	19,048	268	99,805
71	Optical goods	3	1,588,067	54,500	202,867	412,066	918,634	143	86,841	977	454,072	
72	Painting, house, sign, etc	126	143,120	19,500	24,950	24,461	74,209	188	2	1,500	388	191,317
73	Paper hanging	4	64,650	1,000	1,500	3,950	58,200	6	13	8,458	45	28,550
74	Patent medicines and compounds	29	393,325	51,150	152,250	27,900	161,935	28	80	35,591	65	28,533
75	Paving and paving materials	19	379,093	46,587	21,100	69,806	242,100	23	27	25,920	513	237,275
76	Perfumery and cosmetics	8	366,624	18,600	60,000	26,682	261,342	7	57	68,014	106	22,809
77	Photographic apparatus	7	1,037,327	46,100	161,320	151,603	678,304	3	69	44,773	1,282	477,158
78	Photographic materials	7	252,734	1,000	1,000	43,812	206,922	4	22	15,015	79	35,754
79	Photography	34	108,400	8,200	6,025	55,950	43,225	41	10	6,611	92	41,304
80	Plumbing, and gas and steam fitting	55	531,696	43,500	36,248	30,311	421,642	73	31	19,156	452	206,674
81	Printing and publishing, book and job	52	495,819	9,500	11,000	266,048	209,271	59	47	23,828	362	180,402
82	Printing and publishing, newspapers and periodicals.	20	2,474,634	191,600	132,837	551,978	1,598,219	13	242	227,710	766	363,578
83	Refrigerators	3	31,600	2,000	4,900	10,700	14,000	5	3	2,136	27	16,020
84	Roofing and roofing materials	7	106,041	34,914	10,300	13,102	47,725	8	4	7,210	65	38,723
85	Saddlery and harness	25	178,532	10,500	6,700	47,655	113,677	24	9	10,392	120	62,671
86	Sausage	10	99,200	38,000	22,600	15,250	23,350	14	1	260	29	14,753
87	Sewing machine repairing	3	10,000			450	9,550	1	1	260	4	2,067
88	Ship and boat building, wooden	7	30,552	200	4,300	21,402	4,650	7	2	840	6	3,010
89	Shirts	3	4,125			1,500	2,625	2	3	840	8	2,621
90	Stationery goods, not elsewhere specified.	3	592,146	9,800	97,023	56,886	428,436	5	120	98,255	293	92,444
91	Tinsmithing, coppersmithing, and sheet-iron working.	57	214,587	23,050	30,950	42,222	118,365	60	11	5,195	200	93,313
92	Tobacco, cigars and cigarettes	37	597,593	53,150	76,100	105,882	362,401	90	48	97,726	720	225,745
93	Upholstering materials	4	76,063	300	300	24,025	51,438	5	9	5,724	60	17,990
94	Watch, clock, and jewelry repairing	48	48,130	1,950	2,950	16,335	26,895	48	4	813	41	26,937
95	Wirework, including wire rope and cable.	6	80,200	1,300	800	6,300	21,800	5	6	4,306	39	13,814
96	Wood, turned and carved	9	28,550	3,500	1,500	14,000	9,550	10	1	1,200	29	18,830
97	All other industries ¹	113	8,421,273	585,229	980,848	8,503,510	8,351,686	109	432	478,035	3,419	1,307,491

¹ Embraces artificial feathers and flowers, 1; artificial limbs, 2; babbitt metal and solder, 1; bags, paper, 2; belting and hose, leather, 2; billiard tables and materials, 1; blacking, 1; bluing, 2; boot and shoe uppers, 2; brassware, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; cleansing and polishing preparations, 2; cloth, sponging and refinishing, 1; coffins, burial cases, and undertakers' goods, 2; cordials and syrups, 1; cotton goods, 1; cotton small wares, 2; druggists' preparations, not including prescriptions, 1; electrical apparatus and supplies, 2; enameling and enameled goods, 2; fertilizers, 1; fireworks, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, 2; gloves and mittens, 2; gold and silver, leaf and foil, 1; grease and tallow, 2; hairwork, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; kindling wood, 2; leather goods, 2;

SCHENECTADY.

1 All industries	388	\$6,517,864	\$389,756	\$866,831	\$1,299,586	\$3,961,691	412	222	\$204,077	4,431	\$2,527,352
2 Bicycle and tricycle repairing	6	10,950			6,200	4,750	5			8	4,450
3 Blacksmithing and wheelwrighting	16	24,880	5,100	6,300	3,750	9,780	19			25	15,104
4 Boots and shoes, custom work and repairing.	28	7,483	1,200	2,000	2,655	1,628	26			12	5,161
5 Bottling	7	49,623	3,900	2,800	19,660	23,263	7	2	1,628	18	8,803
6 Bread and other bakery products	17	34,030	600	1,400	16,565	15,525	20	20	7,167	47	24,734
7 Brooms and brushes	4	35,750	5,800	5,300	2,150	22,500	4			40	16,194
8 Carpentering	39	94,150	3,850	6,350	15,150	68,800	43			221	141,671
9 Clothing, men's, custom work and repairing.	31	62,779	13,700	11,100	3,955	34,024	31	1	500	80	41,697
10 Clothing, women's, dressmaking	38	7,635	525	1,300	3,585	2,225	40			74	19,345
11 Confectionery	7	11,700	5,000	2,570	2,555	1,575	7			6	2,700
12 Electrical construction and repairs	3	17,250	8,000	4,000	550	4,700	4	3	1,312	10	7,546
13 Foundry and machine shop products	4	3,537,069	208,100	616,895	786,687	1,976,387	3	52	77,589	2,302	1,494,190
14 Furniture, cabinetmaking, repairing, and upholstering.	7	6,766	500	1,000	685	4,581	8	1	600	9	5,684
15 Looking-glass and picture frames	3	2,585			85	2,500	3			1	300
16 Masonry, brick and stone	20	33,285	1,900	750	3,010	27,625	22	5	4,347	154	103,748
17 Millinery, custom work	12	34,970	8,000	6,000	595	20,375	10	13	4,082	38	12,616
18 Mineral and soda waters	3	33,900	2,300	5,200	8,500	17,900	4	3	1,300	14	5,824
19 Monuments and tombstones	8	18,750	5,200	2,500	1,650	9,400	4			8	6,720
20 Painting, house, sign, etc	40	27,212	2,800	1,805	6,672	16,435	45			131	77,470
21 Patent medicines and compounds	3	100,510	10,000	25,000	2,010	63,500	2	14	8,400	18	6,724
22 Paving and paving materials	5	51,520	2,100	5,000	43,170	1,250	4	12	4,000	127	67,046
23 Photography	7	10,015	500	1,050	5,615	2,250	7			5	2,614
24 Plumbing, and gas and steam fitting	9	111,700	8,300	12,100	8,800	82,500	12	8	6,712	150	94,005
25 Printing and publishing, book and job	6	31,150			24,500	6,650	5	1	150	6	3,518
26 Printing and publishing, newspapers and periodicals.	5	50,269			34,130	16,139	3	11	6,000	61	32,067

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCHESTER—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
34	\$16,445	2	\$624			\$18,921	\$1,463	\$548	\$16,910		\$39,798	\$38,958	\$840	\$111,129	67
34	19,200	4	1,450	1	\$100	4,770	2,072	635	1,913	\$150	20,405	19,785	620	67,106	68
5	2,840					268		196	72		23,064	22,977	87	32,225	69
267	99,705			1	100	8,601	3,000	497	5,104		238,700	234,796	3,904	442,032	70
690	406,049	255	44,927	32	3,096	159,658	750	4,432	154,471		258,516	249,545	8,971	1,069,099	71
385	190,886			3	431	12,086	7,151	727	4,108	100	124,845	123,648	697	474,708	72
45	28,550			3		7,977	3,450	33	4,404		37,976	37,716	260	102,080	73
32	20,505	30	7,893	3	635	197,134	4,648	4,993	186,993	500	103,410	101,646	1,784	509,180	74
542	237,175			1	100	86,510	2,765	1,005	10,740	22,000	257,315	254,742	2,573	604,617	75
10	5,554	95	16,547	1	208	53,204	2,735	960	49,509		190,582	189,404	1,178	433,912	76
1,091	400,027	141	57,289	50	19,842	115,691	26,350	2,357	86,984		345,044	336,715	8,329	1,045,446	77
63	81,438	16	4,316			81,845	5,360	324	16,718	9,443	90,346	86,050	4,296	264,693	78
67	32,474	23	8,600	2	230	21,940	12,071	103	7,401	2,305	43,375	41,928	1,447	162,549	79
451	206,399			1	275	36,067	17,579	1,088	15,855	1,550	638,138	634,554	3,584	1,091,417	80
256	106,318	53	20,481	23	3,603	80,006	20,005	165	16,461	43,375	137,846	132,513	5,333	524,296	81
608	314,777	157	48,596	1	200	321,735	16,730	6,146	237,080	61,779	278,845	267,077	6,768	1,380,531	82
25	16,100			2	520	4,807	1,500	115	3,192		20,102	19,982	120	62,600	83
65	38,723					6,818	916	850	5,052		57,141	54,953	2,191	131,211	84
114	51,390	5	1,077	1	204	13,246	7,684	625	4,897	40	56,406	53,209	3,107	167,869	85
29	14,753					9,999	3,984	625	5,890		123,625	121,423	2,202	193,320	86
4	2,067					405	400			5	1,298	1,228	70	3,999	87
6	3,010					1,181	474	10	547	150	8,507	8,262	245	20,109	88
1	480	7	2,141			291	245		46		2,268	2,193	75	7,350	89
278	90,242	15	2,202			100,546	90	1,919	98,537		244,953	242,789	2,164	601,643	90
199	93,148			1	165	25,101	9,836	959	12,686	1,570	151,772	148,896	2,876	378,698	91
310	146,595	384	75,760	26	3,390	1,301,108	7,431	3,186	1,290,491		881,199	876,412	4,787	3,040,331	92
25	9,574	31	7,088	4	704	23,587	2,109	78	21,409		44,400	43,710	690	107,578	93
39	26,637			2	300	12,954	8,807	78	2,769	1,800	18,707	18,375	332	98,595	94
39	18,314					3,489	1,676	98	1,715		12,089	11,628	461	48,450	95
28	18,230	1	600			2,507	1,255	35	1,217		13,664	11,931	1,733	53,798	96
2,042	942,108	1,318	355,634	59	9,754	699,154	52,674	44,639	590,443	11,898	5,532,720	5,416,460	116,270	9,262,715	97

leather, tanned, curried, and finished, 2; lime and cement, 1; lumber and timber products, 2; mattresses and spring beds, 1; millinery and lace goods, 1; mullage and paste, 2; musical instruments and materials, not specified, 1; needles and pins, 1; oil, not elsewhere specified, 2; paper and wood pulp, 1; pencils, lead, 1; petroleum, refining, 1; pickles, preserves, and sauces, 2; plated and britannia ware, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; printing materials, 1; regalia and society banners and emblems, 1; rubber and elastic goods, 1; saws, 1; screws, machine, 1; show cases, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 2; sporting goods, 1; stumped ware, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; stereotyping and electrotyping, 2; surgical appliances, 1; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; toys and games, 1; trunks and valises, 2; typewriter repairing, 2; typewriters and supplies, 2; umbrellas and canes, 1; varnish, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 2; woolen goods, 1.

SCHENECTADY.

3,779	\$2,363,961	607	\$155,371	45	\$8,020	\$635,955	\$50,119	\$17,104	\$423,138	\$145,594	\$4,953,602	\$4,851,135	\$102,527	\$9,288,387	1
8	4,450	—	—	—	—	1,114	709	—	405	—	3,214	3,037	177	12,683	2
25	15,104	—	—	—	—	2,089	1,389	104	605	—	12,527	11,769	758	45,815	3
12	5,161	—	—	—	—	2,178	1,930	32	210	—	8,187	7,869	318	28,278	4
18	8,303	—	—	—	—	4,645	1,176	88	3,381	—	32,652	32,246	406	59,770	5
42	23,457	5	1,277	—	—	9,936	5,277	30	4,629	—	84,725	82,295	2,430	149,559	6
39	16,007	—	—	1	187	1,176	—	161	1,015	—	35,735	35,410	325	66,500	7
221	141,671	—	—	—	—	130,577	882	112	4,379	125,204	968,789	968,493	296	703,444	8
66	38,029	14	3,668	—	—	9,966	3,719	233	1,814	4,200	53,052	51,993	1,059	129,955	9
2	900	70	18,240	2	205	3,010	2,640	18	352	—	4,903	4,355	548	48,449	10
5	2,492	1	208	—	—	1,001	392	113	496	—	6,182	5,962	170	13,843	11
10	7,546	—	—	—	—	2,205	445	100	1,660	—	15,430	15,360	70	81,150	12
2,302	1,494,190	—	—	—	—	84,161	130	9,836	74,145	—	3,209,395	3,137,069	72,326	5,207,583	13
9	5,684	—	—	—	—	1,094	996	10	88	—	4,934	4,794	140	19,228	14
1	300	—	—	—	—	280	240	—	40	—	1,810	1,810	—	8,650	15
154	103,748	—	—	—	—	2,927	372	40	2,215	300	111,309	111,069	240	251,492	16
12	5,356	36	12,322	2	294	6,620	5,120	104	1,384	12	65,460	65,220	240	103,623	17
8	6,720	2	468	—	—	3,348	860	80	3,408	—	9,871	9,516	355	30,960	18
130	77,215	—	—	—	—	844	30	124	690	—	7,877	7,800	77	21,200	19
1	624	17	5,100	1	255	5,443	2,518	48	2,877	—	36,218	35,982	236	153,516	20
127	67,046	—	—	—	—	201,091	120	388	200,583	—	13,771	13,851	420	247,400	21
5	2,614	—	—	—	—	5,414	80	164	5,170	—	59,412	54,712	4,700	148,636	22
148	98,585	—	—	2	420	1,822	1,080	20	622	100	3,844	3,666	178	15,980	23
6	3,518	—	—	—	—	6,062	2,436	146	3,480	—	115,799	114,610	1,189	263,406	24
41	23,433	19	8,478	1	156	2,438	820	—	413	1,250	3,706	3,182	524	13,250	25
						15,446	2,760	—	11,431	1,255	15,809	14,494	1,815	80,388	26

TABLE 8.—MANUFACTURES IN CITIES

SCHENECTADY—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
27	Roofing and roofing materials -----	3	\$3,900			\$1,300	\$7,600	4			19	\$10,996
28	Saddlery and harness -----	4	3,475			1,275	2,200	4			4	2,298
29	Tinsmithing, coppersmithing, and sheet-iron working.	4	6,125	\$300	\$150	900	4,775	5			6	3,151
80	Tobacco, cigars and cigarettes -----	11	35,015	5,000	6,400	1,540	22,075	14	1	\$600	44	21,659
31	Watch, clock, and jewelry repairing -----	8	6,230			3,210	3,020	8			6	5,112
32	All other industries ¹	35	2,002,128	87,581	189,261	288,477	1,486,809	39	75	80,640	787	285,205

¹ Embraces agricultural implements, 1; awnings, tents, and sails, 1; boxes, fancy and paper, 1; carriages and wagons, 2; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; electrical apparatus and supplies, 1; electroplating, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; gloves and mittens, 1; hammocks, 1; hats and caps, not including fur hats and wool hats, 1; hosiery and knit goods, 1;

SYRACUSE.

1 All industries	1,383	\$31,858,055	\$2,901,002	\$5,044,222	\$3,882,531	\$14,529,700	1,514	1,431	\$1,424,270	14,917	\$6,735,177
2 Awnings, tents, and sails	3	64,375	25,000	25,000	475	14,400	3	1	170	20	6,070
3 Baskets, and rattan and willow ware	3	4,305	50	200	290	3,765	5			7	3,050
4 Bicycle and tricycle repairing	28	35,250	2,500	3,550	12,100	17,100	33	8	687	28	12,792
5 Bicycles and tricycles	3	775,071	35,174	71,869	307,843	360,185	2	102	57,100	610	202,614
6 Blacksmithing and wheelwrighting	54	84,461	25,767	21,460	14,265	22,979	60			82	49,261
7 Bookbinding and blank book making	4	19,467			11,900	7,567	6			41	12,654
8 Boots and shoes, custom work and repairing	69	27,287	8,620	4,175	10,455	9,037	65	1	520	27	13,124
9 Boots and shoes, factory product	4	481,533	25,908	14,093	74,268	367,264	4	52	54,498	469	178,548
10 Bottling	5	18,586	600	400	3,375	14,211	11	7	2,080	9	5,630
11 Boxes, fancy and paper	3	81,664	13,000	29,000	14,500	25,164	6	2	650	89	21,623
12 Brass castings and brass finishing	5	104,435	23,500	25,500	20,150	35,285	9			63	37,500
13 Bread and other bakery products	61	430,917	28,458	85,391	246,493	120,575	72	52	38,251	221	102,615
14 Brooms and brushes	3	15,545			925	14,620	5	1	886	34	19,642
15 Carpentering	89	212,435	36,950	26,950	54,070	94,525	102	5	8,392	420	237,232
16 Carriages and wagons	20	494,982	25,150	68,900	41,162	359,770	22	16	33,310	314	153,792
17 Cars and general shop construction and repairs by steam railroad companies	3	80,457	12,800	27,500	31,600	8,557		9	9,239	117	59,004
18 Clothing, men's, custom work and repairing	91	260,099	7,850	7,450	19,461	225,838	98	20	10,648	231	118,005
19 Clothing, men's, factory product	98	2,019,343	12,400	28,150	79,683	1,899,110	126	93	81,101	1,078	396,704
20 Clothing, women's, dressmaking	44	28,108	550	1,500	9,540	16,518	52	14	17,433	466	121,381
21 Clothing, women's, factory product	8	140,793			20,840	125,958	9	12	8,612	261	64,809
22 Coffee and spice, roasting and grinding	4	112,240			18,340	98,900	7	3	2,580	21	9,244
23 Confectionery	9	88,168	1,000	2,310	40,435	44,423	11	9	5,006	63	28,324
24 Cooperage	6	43,460	8,700	5,200	1,660	27,900	6	1	900	43	21,828
25 Dyeing and cleaning	9	22,085	5,900	4,700	5,555	5,930	11	2	403	22	10,153
26 Electrical apparatus and supplies	4	74,723			24,000	50,723	3	10	6,464	67	40,376
27 Electrical construction and repairs	10	47,919			14,624	33,295	12	7	3,069	31	21,268
28 Electroplating	5	6,985			3,610	3,375	5			20	8,393
29 Flavoring extracts	3	11,635	2,280	600	705	8,050	3			5	1,912
30 Food preparations	4	258,076	500	800	27,243	229,533	2	38	39,352	93	28,930
31 Foundry and machine shop products	40	2,680,935	256,422	368,527	531,124	1,524,862	39	137	134,280	1,403	676,113
32 Fur goods	5	26,140			1,200	24,940	8	3	3,240	25	11,160
33 Furniture, cabinetmaking, repairing, and upholstering	27	74,260	14,500	5,900	21,535	32,325	30	5	2,647	59	33,509
34 Furniture, factory product	5	435,278	30,000	64,697	51,388	239,193	9	23	23,150	322	150,362
35 Gloves and mittens	5	19,203			2,327	16,876	6	3	1,275	31	9,179
36 Hairwork	5	11,149			785	10,364	5			7	1,844
37 Hand stamps	3	6,350			3,800	2,550	3	8	1,040	4	2,141
38 Hosiery and knit goods	5	345,786	23,300	26,975	77,493	218,018	9	16	17,790	234	76,456
39 Iron and steel	3	1,811,560	736,001	288,142	137,740	599,677	32	32	67,204	751	406,703
40 Ironwork, architectural and ornamental	3	12,250			5,700	6,550	3	3	1,595	21	8,960
41 Lime and cement	5	233,830	34,625	89,525	47,353	112,322	1	17	14,188	50	20,360
42 Liquors, malt	10	2,993,798	279,150	853,348	462,149	1,398,651	16	67	123,313	252	168,023
43 Lock and gun smithing	12	11,145	2,000	900	5,637	2,568	13			7	2,568
44 Looking-glass and picture frames	12	73,437	4,000	5,000	13,980	50,507	17	2	1,200	76	35,276
45 Lumber, planing mill products, including sash, doors, and blinds	9	403,593	43,000	87,400	90,000	188,198	12	12	8,280	207	84,740
46 Marble and stone work	5	10,290	1,000	570	3,770	4,950	7			22	20,355
47 Masonry, brick and stone	34	181,232	20,880	14,880	47,860	98,612	47	14	6,170	479	214,045
48 Mattresses and spring beds	4	35,563			1,350	33,719	2	5	4,933	35	18,317
49 Millinery, custom work	20	49,010	5,000	6,000	4,370	33,140	26	8	3,484	143	53,055
50 Mineral and soda waters	7	100,743	16,000	24,500	37,178	28,065	8	13	8,003	34	15,068
51 Models and patterns	3	5,300			2,500	2,800	3			7	5,320
52 Monuments and tombstones	7	50,905	20,000	8,230	1,825	20,850	11			12	7,014
53 Optical goods	4	14,500			2,500	12,000	7	2	1,374	7	3,460
54 Painting, house, sign, etc.	33	56,137	4,550	9,430	6,805	35,832	41	4	2,612	126	68,499
55 Patent medicines and compounds	10	30,785	800	700	1,243	28,037	9	11	8,868	6	2,297
56 Paving and paving materials	8	246,629	22,995	15,000	84,288	124,346	5	13	15,196	344	115,733

BY SPECIFIED INDUSTRIES: 1900—Continued.

SCHENECTADY—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average num- ber.	Wages.										
19	\$10,996					\$499	\$390		\$109		\$20,309	\$20,151	\$158	\$36,947	27
4	2,298					822	634		188		8,360	8,340	20	16,934	28
6	8,151					503	440	\$3	60		6,591	6,510	81	13,700	29
40	20,859	1	\$300	3	\$500	10,192	1,517	54	8,621		31,849	31,629	220	82,107	30
6	5,112					2,141	1,585		556		5,497	5,350	147	19,524	31
312	173,892	442	105,310	33	6,003	110,366	9,891	5,096	88,106	\$13,273	596,495	583,091	13,404	1,269,414	32

house furnishing goods, not elsewhere specified, 1; liquors, malt, 2; lock and gun smithing, 2; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 1; musical instruments, pianos and materials, 1; paints, 1; paper hanging, 2; perfumery and cosmetics, 1; sausage, 1; sewing machine repairing, 1; shirts, 2; varnish, 1; vinegar and cider, 1.

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11,880	\$5,975,574	2,779	\$719,719	258	\$39,834	\$3,428,671	\$317,709	\$115,058	\$2,329,899	\$665,945	\$14,771,128	\$14,304,196	\$466,932	\$31,948,055	1
13	4,820	7	1,250			3,436	230	500	2,206	500	17,605	17,230	375	30,120	2
7	3,050					340	192	4	44	100	2,287	2,252	35	8,533	3
23	12,792					6,343	3,590	83	1,273	1,457	32,085	31,023	1,057	79,409	4
603	291,714	7	900			130,131	9,388	3,663	117,130		430,638	409,241	21,395	747,329	5
82	49,261					9,271	6,827	518	1,796	130	42,151	39,472	2,679	133,833	6
12	6,544	27	5,824	2	286	1,504	965	8	531		7,641	7,156	485	31,100	7
26	12,999	1	125			6,090	5,006	260	740	75	20,363	19,597	766	72,865	8
319	137,250	140	39,278	10	2,020	54,598	4,230	1,616	48,692		470,483	467,083	3,400	804,762	9
8	5,470	1	160			4,594	453	10	4,131		35,458	35,410	48	61,790	10
19	8,570	57	12,105	13	948	4,288	1,980	392	1,916		32,365	31,676	689	70,314	11
63	37,500					5,061	348	503	4,210		135,659	131,034	4,625	201,400	12
176	98,210	44	9,330	1	75	60,591	18,923	1,421	40,247		413,975	401,260	12,715	730,133	13
18	8,096	4	1,086			2,113	880	46	1,187		21,184	21,084	100	40,586	14
420	237,322			12	1,460	98,260	4,030	732	7,450	86,048	410,661	437,942	2,719	939,633	15
302	156,161	12	2,631			29,931	9,446	2,086	17,929	470	258,521	253,315	5,206	520,435	16
117	59,004					791		504	200		37,189	36,043	1,146	100,226	17
157	92,742	68	19,620	6	648	89,507	26,223	367	18,069	49,848	240,501	237,325	3,176	535,234	18
455	242,866	605	151,463	18	2,375	463,723	30,690	3,094	60,946	868,993	1,444,437	1,433,011	11,896	2,311,262	19
23	16,417	433	103,914	10	1,050	9,948	7,981	22	1,945		42,420	40,596	1,821	232,923	20
14	7,992	230	54,758	17	2,064	36,481	6,174		29,537	750	228,453	225,336	3,117	383,494	21
15	7,628	6	1,616			5,600	2,310	100	3,190		206,700	205,803	897	243,701	22
40	20,510	23	5,814			8,529	6,033	47	1,945		138,949	136,277	2,672	208,649	23
43	21,828					533	150	137	246		33,457	33,357	100	69,950	24
15	8,250	7	1,903			3,419	1,414	112	1,593	300	5,585	4,311	1,274	88,021	25
65	39,596	2	780			8,602	1,760		6,787	55	72,940	71,234	1,706	160,441	26
31	21,268					4,611	2,126		2,411	75	60,936	60,715	221	117,622	27
18	7,831	2	562			1,397	852	20	515	10	4,315	3,698	617	20,286	28
8	1,340	2	572			1,972	240	7	1,725		12,681	12,608	13	80,908	29
48	18,169	45	10,761			137,136	3,060	1,056	133,020		455,499	451,676	3,823	790,249	30
1,893	673,788	8	1,379	2	446	142,864	12,771	13,220	107,693	9,180	989,208	888,949	50,259	2,216,221	31
8	6,308	17	4,852			3,117	2,220	60	837		24,029	23,940	89	50,645	32
58	33,301	1	208			7,595	3,209	293	8,513	575	41,861	40,598	1,263	116,346	33
307	143,639	13	6,463	2	260	27,689	3,605	1,357	22,137	500	210,167	206,545	3,622	553,873	34
11	3,889	20	5,230			3,340	616		2,724		32,953	32,654	304	56,437	35
		7	1,844			884	660		199	25	5,511	5,379	132	10,500	36
3	1,933			1	208	1,387	760		627		3,171	3,088	83	11,695	37
42	15,875	231	58,782	11	1,799	47,859	3,060	1,174	22,545	21,080	326,126	323,738	2,383	526,343	38
739	404,624			12	2,184	23,911	105	5,832	11,882	6,092	673,519	665,763	67,756	1,361,613	39
20	8,485	1	475			2,822	1,140		182	1,600	17,096	16,355	740	41,890	40
49	20,120			1	240	12,681	870	1,795	10,016		74,240	70,032	4,208	136,169	41
252	168,023					757,320		14,943	742,377		405,357	373,508	31,849	1,314,295	42
7	2,508					1,600	1,098		309	150	2,248	1,826	422	15,155	43
68	31,542	7	3,634	1	100	8,436	3,743	145	4,333	215	46,298	45,593	705	112,937	44
201	83,331	3	600	3	809	23,573	2,365	1,930	13,978	4,800	331,403	328,981	2,422	493,803	45
22	20,355					1,102	360	32	710		13,035	12,860	175	40,250	46
479	214,045					102,821	1,527	563	12,408	33,323	246,332	244,200	2,132	677,432	47
26	10,966	9	2,851			5,247	2,632	50	48,841		49,391	48,841	550	83,056	48
1	312	142	52,743			7,284	4,952	8	2,304		30,872	30,140	732	120,642	49
27	14,006	5	702	2	360	15,556	1,132	332	14,092		34,481	33,438	1,043	93,287	50
7	6,320					878	316		62		3,320	2,911	409	13,798	51
12	7,014					1,544	137	220	802	385	38,248	38,032	161	59,676	52
5	2,600	2	860			3,701	1,778	10	1,913		9,136	8,920	216	29,049	53
124	68,099	2	400			6,713	4,307	251	2,145		47,186	46,785	401	165,132	54
4	1,740	2	557			11,664	1,020	44	10,600		19,373	19,373	216	46,193	55
344	115,733					35,899	1,036	1,654	24,149	9,000	227,994	223,694	4,300	481,481	56

TABLE 8.—MANUFACTURES IN CITIES

SYRACUSE—Continued.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Average number.	Wages.
57	Photography	16	\$42,030		\$75	\$20,480	\$21,475	19	3	\$923	35	\$17,750
58	Plumbing, and gas and steam fitting	43	324,195	\$11,450	9,000	23,461	280,284	60	42	26,591	249	155,028
59	Pottery, terra cotta, and fire-clay products.	4	557,125	64,650	286,154	40,000	216,321	3	15	21,090	424	154,072
60	Printing and publishing, book and job.	29	346,280	35,600	76,000	154,330	80,350	27	24	17,672	212	94,890
61	Printing and publishing, newspapers and periodicals.	16	757,252	45,000	55,000	325,909	331,343	9	83	84,681	420	234,759
62	Roofing and roofing materials	5	63,393	31,200	3,200	4,750	29,243	7			47	22,678
63	Saddlery and harness	19	44,012	200	300	9,656	33,856	20	4	3,380	40	19,027
64	Salt	13	1,135,921	83,771	928,040	75,500	48,610	4	8	9,320	165	84,280
65	Sausage	3	6,900			2,700	4,200	3			9	5,088
66	Shirts	11	10,350			790	9,560	10	1	510	45	18,723
67	Soap and candles	5	611,950	24,400	93,300	142,800	351,450	4	28	34,699	193	67,655
68	Steam fittings and heating apparatus	3	200,800			36,000	164,800	5	22	22,532	87	40,730
69	Tinsmithing, coppersmithing, and sheet-iron working.	54	125,829	13,478	17,825	25,480	69,045	58	9	2,743	124	70,786
70	Tobacco, cigars and cigarettes	72	875,405	31,670	23,330	21,537	293,868	75	29	25,766	395	167,749
71	Watch, clock, and jewelry repairing	33	39,837	1,765	1,401	10,065	26,606	34	2	1,014	36	22,697
72	All other industries	108	10,735,908	747,538	1,376,184	5,137,546	8,424,640	89	313	367,034	2,770	1,292,835

¹ Embraces agricultural implements, 2; axle grease, 1; babbitt metal and solder, 2; baking and yeast powders, 1; belting and hose, leather, 1; billiard tables and materials, 2; blacking, 1; boxes, cigar, 1; boxes, wooden packing, 2; brick and tile, 2; carpets, rag, 2; carriage and wagon materials, 2; carriages and sleds, children's, 1; cheese and butter, urban dairy products, 2; chemicals, 2; china decorating, 1; cleansing and polishing preparations, 2; clocks, 2; cloth, sponging and refinishing, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 1; cordials and sirups, 1; corsets, 1; cutlery and edge tools, 1; enameling and enameled goods, 1; engraving and diesinking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 1; fertilizers, 2; firearms, 2; flouring and grist mill products, 1; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hardware, 1; hardware, saddlery, 1; hats and caps, not including fur hats and wool hats, 2; instruments, professional and scientific, 2; iron and steel, pipe, wrought, 1; jewelry, 1; lamps and reflectors, 1; lead, bar,

TROY.

1	All industries	662	\$23,581,622	\$1,433,776	\$3,238,085	\$4,730,918	\$14,128,843	785	917	\$1,045,237	21,564	\$3,571,923
2	Bicycle and tricycle repairing	9	9,665		100	4,145	5,420	12	1	300	15	6,875
3	Blacksmithing and wheelwrighting	30	43,110	5,000	8,650	8,600	20,860	31	1	1,250	44	29,935
4	Boots and shoes, custom work and repairing.	50	14,511	1,900	1,500	6,348	4,263	50			13	5,014
5	Boxes, fancy and paper	3	155,900	1,505	2,545	43,868	107,982	6	3	2,808	203	78,813
6	Bread and other bakery products.	25	141,739	40,500	88,827	35,070	32,342	26	28	12,897	129	78,927
7	Brick and tile	5	93,300	80,000	11,000	27,500	24,800	4	3	1,144	59	25,385
8	Carpentering	41	194,242	9,220	18,130	29,010	142,883	56	2	2,095	304	173,659
9	Carriages and wagons	8	74,775	16,500	17,000	6,450	34,825	8	1	1,500	51	29,246
10	Clothing, men's, custom work and repairing.	45	183,093	10,200	15,200	9,340	143,353	49	7	3,004	133	81,577
11	Clothing, women's, dressmaking	19	29,845	1,000	2,000	4,920	21,925	26	4	2,424	79	80,114
12	Coffee and spice, roasting and grinding.	3	11,100			3,600	7,500	4	1	1,800	5	8,212
13	Confectionery	6	37,638	2,500	2,500	13,300	19,338	6	14	8,404	43	18,476
14	Electrical construction and repairs	4	10,050			1,500	8,550	4	1	216	16	7,433
15	Foundry and machine shop products.	24	2,736,306	168,276	317,185	645,494	1,605,351	28	90	116,082	971	558,006
16	Fur goods	3	19,750		2,150	17,600		4			13	6,334
17	Furnishing goods, men's.	21	5,741,836	206,000	747,402	482,749	4,305,685	48	288	314,690	10,125	3,288,573
18	Furniture, cabinetmaking, repairing, and upholstering.	8	19,011	200	1,000	2,990	14,821	9	2	1,848	45	24,710
19	Hand stamps.	3	2,425			1,900	525	2	1	1,200	4	2,024
20	Hosiery and knit goods	6	835,507	24,436	98,102	283,581	432,388	3	20	37,358	755	319,687
21	Liquors, malt	8	2,267,251	189,760	567,749	463,076	1,096,666	8	67	95,136	257	158,686
22	Lock and gun smithing	5	2,725			1,500	1,225	5			1	203
23	Lumber, planing mill products, including sash, doors, and blinds.	4	64,016	5,350	7,415	9,630	41,621	8	3	578	63	80,518
24	Marble and stone work	3	27,840	2,700	1,500	8,140	15,500	4			14	4,925
25	Masonry, brick and stone	12	49,645	1,200	400	18,620	29,425	16			147	74,466
26	Millinery, custom work	37	91,653			7,047	84,606	41	19	10,072	116	36,879
27	Mineral and soda waters.	6	50,780	5,200	5,500	31,700	8,380	7	5	4,030	39	18,554
28	Models and patterns	3	83,777	22,500	20,000	8,850	32,427	4	6	5,417	45	27,697
29	Monuments and tombstones	5	21,670		1,045	7,025	13,600	6			14	9,122
30	Painting, house, sign, etc	28	46,591			14,750	31,841	30	2	584	143	77,111
31	Paper and wood pulp	5	1,104,889	49,550	179,300	280,031	598,008	9	9	10,062	170	82,295
32	Photography	11	48,350	4,000	6,000	23,750	14,600	11	4	1,564	21	10,490
33	Plumbing, and gas and steam fitting	25	169,864	2,500	5,000	16,214	145,050	31	6	3,904	138	81,232
34	Printing and publishing, book and job.	14	123,073			94,128	28,947	20	10	6,630	84	39,045
35	Printing and publishing, newspapers and periodicals.	12	669,690	41,000	59,000	305,250	233,440	7	32	38,614	260	160,370
36	Roofing and roofing materials	4	38,979	3,000	6,000	4,419	25,560	6	2	1,208	39	17,539
37	Saddlery and harness	11	15,600		100	4,800	10,700	14	3	1,200	89	20,312
38	Shirts	8	3,026,501	58,897	183,885	270,230	2,508,689	21	124	175,249	4,697	1,667,854
39	Tinsmithing, coppersmithing, and sheet-iron working.	21	89,197	10,200	16,500	17,053	45,444	28	6	4,712	76	42,418
40	Tobacco, cigars and cigarettes	41	144,003	3,500	6,850	10,217	123,436	53	7	3,881	238	110,853
41	Watch, clock, and jewelry repairing	18	15,455			4,975	10,480	21			10	8,615
42	All other industries	68	5,023,769	567,132	865,300	1,515,500	2,075,787	64	145	173,396	1,941	1,129,714

¹ Embraces awnings, tents, and sails, 1; bells, 1; belting and hose, leather, 2; bookbinding and blank book making, 2; boots and shoes, factory product, 1; boxes, wooden packing, 1; bronze castings, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 2; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cutlery and edge tools, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 1; electroplating, 2; enameling and enameled goods, 1; engraving, wood, 2; files, 1; flouring and grist mill products, 2; fur hats, 1; furniture, factory product, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; hardware, 1; hats and caps, not including fur hats and wool

BY SPECIFIED INDUSTRIES: 1900—Continued.

SYRACUSE—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
17	\$9,857	18	\$7,893			\$8,426	\$5,058	\$2	\$8,266	\$100	\$22,662	\$22,006	\$656	\$70,018	57
245	154,293			4	\$735	28,934	14,245	609	12,124	1,956	407,393	404,674	2,719	758,996	58
273	112,241	151	41,831			22,892		3,080	19,812		75,539	49,606	25,938	291,767	59
148	80,588	36	9,166	28	5,136	25,816	5,858	1,750	17,653	1,560	136,567	130,547	6,020	336,384	60
388	224,625	25	9,216	7	918	70,604	13,487	3,653	48,072	5,392	159,776	152,267	7,509	707,486	61
47	22,678					2,852	450	334	2,015	53	66,952	66,598	354	113,800	62
38	18,299	2	728			5,161	4,633	19	609		31,946	31,241	705	81,764	63
159	82,998			6	1,282	23,829		4,915	18,114	800	27,842	17,649	10,293	208,826	64
9	5,088					1,712	1,116		596		35,976	35,125	851	44,591	65
4	3,125	41	10,598			2,318	1,344		324	650	15,712	15,692	20	40,512	66
180	57,699	53	8,566	10	1,390	47,074	1,727	2,884	41,263	1,200	426,490	417,742	8,748	605,409	67
75	37,930	12	2,800			22,210	4,510	250	17,450		221,506	220,820	686	362,087	68
122	70,224			2	512	10,311	6,654	524	2,953	175	115,056	112,826	2,280	263,360	69
302	142,726	77	22,575	16	2,448	94,557	8,952	846	84,759		280,386	278,139	2,247	664,434	70
36	22,697					11,569	6,854	73	3,987	655	19,443	18,979	461	88,446	71
2,538	1,242,440	171	39,759	61	10,636	600,746	31,512	34,755	581,711	2,768	3,529,976	3,397,332	132,644	7,201,748	72

pipe, and sheet, 1; leather goods, 1; lithographing and engraving, 1; lumber and timber products, 1; malt, 2; mirrors, 1; musical instruments and materials, not specified, 1; paper hanging, 1; paper hangings, 1; photographic apparatus, 1; photolithographing and photoengraving, 1; plastering and stuccowork, 2; pulp goods, 2; pumps, not including steam pumps, 1; refrigerators, 1; rubber and elastic goods, 1; sewing machine repairing, 2; sewing machines and attachments, 1; show cases, 2; silverware, 1; slaughtering and meat packing, wholesale, 1; sporting goods, 2; springs, steel, car and carriage, 1; stereotyping and electrotyping, 1; surgical appliances, 1; taxidermy, 2; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 2; toys and games, 1; trunks and valises, 1; typewriters and supplies, 1; umbrellas and canes, 1; vinegar and cider, 2; washing machines and clothes wringers, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

TROY.

7,852	\$4,252,669	13,457	\$4,278,878	255	\$40,376	\$2,350,664	\$230,820	\$90,808	\$1,620,473	\$408,563	\$11,201,740	\$1,053,355	\$338,385	\$28,209,259	1
15	6,875					2,248	1,371	3	674	200	6,875	6,490	385	22,700	2
44	29,935					5,629	3,508	272	1,703	46	25,627	24,481	1,196	98,054	3
18	5,014					5,458	5,015	47	396		17,766	17,071	695	51,111	4
87	36,489	78	34,916	88	7,408	25,848	8,630	25	17,193		99,360	97,420	1,910	285,753	5
124	72,483	3	1,088	2	406	19,002	5,856	1,549	11,597		229,008	228,204	5,804	439,619	6
59	25,385					1,666	200	345	1,121		11,728	4,432	7,296	56,050	7
304	173,659					25,585	4,051	1,460	3,299	16,775	386,631	384,196	2,435	729,383	8
51	29,246					3,123	1,134	462	1,227	300	27,662	27,008	654	82,695	9
126	30,226	7	1,351			50,001	13,792	518	7,341	28,350	141,090	139,335	1,755	357,439	10
36	17,642	42	12,342	1	130	6,598	4,874	100	1,524	100	34,389	33,716	673	103,156	11
5	3,212					1,665	1,430		235		14,781	14,021	760	25,478	12
26	14,878	15	8,286	2	312	8,974	2,156	100	1,718		70,543	69,291	1,252	113,137	13
16	7,453					1,327	980		347		34,884	34,884		49,650	14
971	558,006					129,482	11,066	7,395	109,521	1,500	625,309	601,556	23,753	1,777,548	15
3	2,050	10	4,284			8,092	1,026	96	1,070		11,129	10,974	155	26,418	16
1,223	609,457	8,814	2,636,052	88	13,061	639,188	29,184	6,952	384,804	268,248	3,300,716	3,265,377	35,339	8,685,676	17
39	22,742	6	1,968			4,293	2,508	40	1,745		19,482	19,067	416	77,505	18
3	1,824	1	200			639	469		170		1,170	1,160	10	7,653	19
352	169,385	379	146,178	24	4,124	47,988	2,334	2,773	30,924	11,457	506,440	493,409	7,031	969,543	20
255	158,374	2	812			582,079		12,505	569,484		362,495	337,117	25,378	1,438,869	21
		1	208			812	762		50		2,852	2,737	115	7,814	22
63	30,518					3,552	642	231	2,679		61,009	60,339	670	117,339	23
14	4,925					1,147	240	177	730		11,525	11,075	450	27,721	24
147	74,466					3,282	431	23	2,808		97,926	96,501	1,425	223,982	25
2	305	111	36,141	3	433	25,870	20,167		5,713		115,780	114,830	950	248,821	26
39	18,554					6,680	1,500	195	4,985		20,846	20,101	745	82,020	27
45	27,697					6,585	480	543	1,821	4,288	3,457	2,815	642	54,983	28
14	9,122					1,340	485	21	834		8,421	8,268	153	29,692	29
146	76,705			2	406	6,397	2,817		2,980	600	39,841	39,566	275	172,116	30
169	82,018	1	282			44,875	3,300	3,391	38,184		463,960	423,572	34,388	783,176	31
20	10,256			1	234	6,605	4,120	200	2,129	156	16,221	15,701	520	56,193	32
138	81,232					13,830	7,497	159	4,174	2,000	205,724	204,247	1,477	376,749	33
72	36,773	8	1,004	9	1,268	10,612	6,831		3,781		26,556	23,816	2,740	127,467	34
254	158,363	6	2,007			57,201	11,371	435	41,447	3,943	91,200	85,760	5,440	588,898	35
39	17,539					1,877	560	123	1,189		31,062	30,782	280	59,119	36
39	20,312					2,466	2,055	2	409		23,010	22,610	400	66,470	37
790	392,043	3,852	1,327,257	55	8,554	295,319	31,636	4,179	193,368	66,136	1,763,823	1,741,296	22,527	4,774,520	38
76	42,418					6,280	3,705	585	1,964	26	72,524	71,128	1,396	158,671	39
213	108,900	1	900	24	3,053	43,645	6,701	263	36,631		131,299	130,389	910	344,010	40
10	8,615					3,029	2,343		611	75	5,723	5,475	248	31,941	41
1,810	1,089,578	125	39,152	6	934	200,475	23,103	45,541	127,943	3,883	2,172,896	2,027,138	145,758	4,551,130	42

hats, 2; instruments, professional and scientific, 1; iron and steel, 2; iron and steel, forgings, 1; ironwork, architectural and ornamental, 1; leather goods, 1; lithographing and engraving, 1; looking-glass and picture frames, 2; mantels, slate, marble, and marbleized, 1; mattresses and spring beds, 1; paints, 2; patent medicines and compounds, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 2; sausage, 1; scales and balances, 2; sewing machine repairing, 1; ship and boat building, wooden, 1; slaughtering and meat packing, wholesale, 1; springs, steel, car and carriage, 1; stereotyping and electrotyping, 1; varnish, 1; wire, 1; wirework, including wire rope and cable, 2; wood, turned and carved, 1.

TABLE 8.—MANUFACTURES IN CITIES

UTICA.

MANUFACTURING AND MECHANICAL INDUSTRIES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	All industries	783	\$19,289,502	\$897,213	\$2,330,190	\$1,659,432	\$11,402,667	842	888	\$792,574	10,759	\$4,148,415
2	Agricultural implements	8	957,393	30,000	110,000	121,607	695,786	6	34	23,573	186	79,557
3	Bicycle and tricycle repairing	20	15,905	1,100	1,900	9,805	6,600	20			15	6,668
4	Blacksmithing and wheelwrighting	26	66,844	11,800	14,850	9,605	30,589	29			47	24,876
5	Boots and shoes, custom work and repairing.	40	11,835	1,800	2,350	5,020	2,665	85			15	6,846
6	Bottling	7	26,700	3,500	4,000	8,200	11,000	7	1	100	19	8,766
7	Boxes, cigar	3	14,950	1,500	4,000	3,000	6,450	3			12	3,804
8	Bread and other bakery products	36	177,144	10,750	17,450	92,848	56,096	37	28	16,831	124	52,196
9	Carpentering	33	89,305	11,880	11,450	13,200	52,776	40	4	818	800	155,116
10	Carriages and wagons	6	54,468	5,300	8,800	6,163	35,205	8	5	6,912	83	41,476
11	Clothing, men's, custom work and repairing.	54	132,827	2,300	4,900	9,700	115,927	61	6	5,178	161	81,305
12	Clothing, men's, factory product	58	2,358,639	4,750	14,450	45,660	2,293,779	72	151	129,297	1,247	445,889
13	Clothing, women's, dressmaking	34	28,465	2,000	4,400	3,900	17,265	40			96	26,668
14	Confectionery	6	21,250	1,500	4,500	2,200	13,050	10	2	474	9	4,248
15	Flavoring extracts	8	22,873	2,100	5,200	1,760	13,813	15			12	4,462
16	Foundry and machine shop products	16	811,577	66,410	146,523	189,188	410,592	13	46	56,233	486	205,109
17	Fur goods	3	18,874			1,850	17,524	3	3	1,560	16	6,910
18	Furniture, cabinetmaking, repairing, and upholstering.	9	18,065	700	900	1,065	15,400	11			22	10,500
19	Hairwork	6	9,993	50	300	348	9,300	5			4	1,182
20	Hats and caps, not including fur hats and wool hats.	3	6,300	500	1,500	1,500	2,800	3			7	2,734
21	Hosiery and knit goods	12	1,680,159	52,300	204,318	511,102	912,439	7	62	66,842	1,727	503,397
22	Liquors, malt	8	637,771	55,575	151,233	144,916	286,047	8	34	37,718	120	90,089
23	Lock and gun smithing	3	3,800		100	1,350	1,750	4			2	974
24	Looking-glass and picture frames	6	15,175	3,000	2,000	925	9,250	6	2	1,550	7	3,945
25	Lumber, planing mill products, including sash, doors, and blinds.	4	483,686	49,150	72,555	46,320	316,611	8	23	30,880	171	77,686
26	Marble and stone work	6	50,025	5,000	2,100	20,000	22,925	11	2	916	28	14,248
27	Masonry, brick and stone	16	106,250	17,800	24,600	12,585	51,265	22	2	1,940	234	118,220
28	Mattresses and spring beds	8	29,250	5,200	10,800	4,300	8,950	1	5	3,616	37	10,620
29	Millinery, custom work	21	66,339	500	700	2,725	62,414	28	20	6,274	78	24,078
30	Monuments and tombstones	11	39,055	4,400	2,450	4,955	27,250	14	1	250	29	17,095
31	Painting, house, sign, etc	23	36,550	2,650	2,800	4,180	27,420	30	2	525	94	54,445
32	Paper hanging	10	37,845	5,525	5,850	745	25,725	16	8	672	27	13,083
33	Paving and paving materials	7	205,458	9,484	5,200	70,332	120,437	8	17	17,950	389	140,452
34	Photography	10	22,605	100	500	12,500	9,405	12			13	6,422
35	Plumbing, and gas and steam fitting	17	182,199	8,100	13,600	9,695	150,804	30	13	7,380	122	74,900
36	Printing and publishing, book and job.	16	128,000			77,750	46,250	20	16	8,958	116	49,458
37	Printing and publishing, newspapers and periodicals.	9	398,100	70,200	85,735	151,369	88,796	4	92	84,801	196	124,292
38	Roofing and roofing materials	5	6,425	750	2,025	1,250	2,400	5	1	350	12	5,858
39	Saddlery and harness	9	66,150	1,000	1,500	4,773	58,877	13	7	3,802	40	20,128
40	Shirts	4	4,200			1,300	2,900	6	1	468	17	4,650
41	Steam fittings and heating apparatus	3	1,649,559	100,000	236,956	365,342	896,761	2	120	77,352	620	335,302
42	Tinsmithing, coppersmithing, and sheet-iron working.	17	46,513	1,175	4,450	7,040	33,848	21	1	400	31	14,756
43	Tobacco, chewing, smoking, and snuff.	4	71,568			6,225	65,343	4	9	8,344	32	9,951
44	Tobacco, cigars and cigarettes	36	135,066	13,950	22,900	5,240	92,976	48	10	7,004	133	63,512
45	Watch, clock, and jewelry repairing	22	23,478	600	1,300	7,880	18,698	21	2	1,050	18	9,641
46	All other industries ¹	80	8,328,021	331,314	1,070,539	2,662,571	4,268,600	80	158	182,556	3,605	1,174,897

¹ Embraces awnings, tents, and sails, 2; baking and yeast powders, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boot and shoe findings, 1; boot and shoe uppers, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; brick and tile, 2; brooms and brushes, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese and butter, urban dairy products, 2; cloth, sponging and refinishing, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordage and twine, 1; cordials and sirups, 1; cotton goods, 2; cotton waste, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 2; engraving and dieknicking, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; firearms, 1; fire extinguishers, chemical, 1; flouring and grist mill products, 2;

WATERTOWN.

1 All industries	289	\$8,281,845	\$864,381	\$1,139,912	\$2,399,291	\$4,078,261	302	247	\$279,900	3,760	\$1,821,477
2 Bicycle and tricycle repairing	5	6,025			1,980	4,095	7			5	2,085
3 Blacksmithing and wheelwrighting	22	21,121	2,900	4,900	3,050	10,271	22			20	9,945
4 Boots and shoes, custom work and repairing	11	4,915	1,000	800	1,630	1,485	12			3	1,568
5 Bread and other bakery products	18	154,574	875	42,100	27,559	84,040	13	16	12,816	62	26,398
6 Carpentering	18	45,792	4,450	3,650	4,925	32,767	16	1	213	99	54,765
7 Carriages and wagons	4	1,236,480	64,862	239,058	63,551	864,009		59	67,641	463	231,150
8 Cheese, butter, and condensed milk, factory product	4	15,236	855	5,700	1,650	7,581	6			3	1,460
9 Clothing, men's, custom work and repairing	20	45,128			3,443	41,685	20	8	4,875	88	80,810
10 Clothing, women's, dressmaking	22	19,865			2,285	17,580	23	10	820	79	16,888
11 Flouring and grist mill products	5	273,684	78,162	37,600	47,683	115,189	2	11	11,860	27	12,989

BY SPECIFIED INDUSTRIES: 1900—Continued.

UTICA.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
6,874	\$3,177,594	3,272	\$875,813	613	\$95,008	\$2,183,972	\$147,994	\$115,868	\$1,468,899	\$401,211	\$9,405,370	\$9,222,034	\$183,836	\$19,550,850	1
186	79,557					67,760	1,186	1,722	64,852		163,596	158,226	5,370	363,509	2
14	6,304			1	364	2,686	1,388	38	1,210		14,557	14,055	502	35,595	3
47	24,876					3,262	1,848	366	1,048		18,780	17,614	1,166	78,091	4
15	6,846					2,518	2,259	54	205		13,103	12,657	446	88,108	5
19	8,766					1,048	478	115	455		26,927	26,654	273	47,427	6
2	1,870	10	2,434			701	384	95	222		12,258	11,725	533	19,990	7
91	45,525	30	6,471	3	200	20,079	9,307	964	3,808		233,241	225,655	7,586	385,086	8
309	155,116					32,739	1,051	370	3,688	27,630	203,823	203,253	570	465,607	9
83	41,476					7,300	1,900	316	5,084		49,709	47,446	2,263	119,255	10
106	64,355	52	16,537	8	413	16,953	9,832	171	4,454	2,496	127,042	125,550	1,492	314,755	11
545	277,705	688	165,016	19	2,668	434,463	24,157	10,988	203,567	195,751	1,323,849	1,318,250	10,599	2,585,927	12
7	4,692	88	21,919	1	52	4,195	3,284	54	797	60	29,680	29,038	642	90,106	13
9	4,248					8,307	2,690	40	577		24,640	23,617	1,023	48,759	14
6	2,596	5	1,650	1	216	1,432	491	190	751		21,853	21,625	228	52,797	15
478	202,469	8	2,640			85,322	2,917	7,335	75,070		605,867	587,165	18,702	1,101,826	16
4	3,692	10	2,930	2	288	3,150	1,650		1,500		19,411	19,236	175	88,000	17
17	8,550	5	1,950			2,562	2,009	20	368	165	16,611	16,478	133	41,650	18
4	1,784	4	1,182			1,421	1,005	4	412		2,616	2,436	180	9,146	19
		8	950			1,543	1,192	25	1,326		6,569	6,443	126	13,760	20
436	174,075	1,112	304,711	179	24,611	102,999	3,979	8,253	90,767		1,527,826	1,514,745	13,081	2,514,073	21
120	90,039					299,701		4,543	295,248		181,516	169,201	12,315	741,262	22
2	974					450	361	4	85		1,573	1,492	81	5,980	23
7	3,945					1,806	1,096	76	634		8,244	8,139	105	23,629	24
171	77,636					13,956	1,200	2,502	10,254		360,217	359,027	1,190	590,947	25
28	14,248					1,276	591	120	565		41,597	40,545	1,052	76,749	26
234	118,229					23,063	36	573	9,940	12,514	97,643	97,440	203	311,557	27
28	17,500	9	2,120			3,335	200	210	2,925		44,655	43,351	1,304	87,565	28
29	17,695	76	23,792	2	286	15,690	9,546	146	5,893		112,662	111,922	740	209,907	29
92	54,069			2	376	5,289	1,461	155	8,233	440	56,491	56,049	442	106,149	30
						3,704	1,988	61	1,492	163	25,877	25,590	287	122,507	31
26	12,891	1	192			2,226	1,336	153	662	75	18,235	18,044	191	45,853	32
389	149,452					6,699	2,275	458	3,966		117,863	115,187	2,676	354,263	33
5	3,682	8	2,740			4,255	2,509	46	1,401		8,961	8,640	321	43,160	34
122	74,900					26,202	6,822	695	16,635	2,000	188,978	182,562	1,416	354,403	35
92	45,304	12	2,772	12	1,322	14,295	4,613	538	7,734	1,410	59,608	57,243	2,365	179,169	36
190	123,151	2	561	4	580	55,530	3,420	3,522	43,228	360	73,958	70,010	3,948	423,822	37
12	5,858					597	533	36	28		10,755	10,622	133	22,778	38
40	20,123					4,787	1,844	25	2,918		66,327	66,082	245	117,481	39
		16	4,598	1	52	1,263	856	40	367		7,729	7,539	190	17,150	40
620	335,802					120,691	6,255	9,952	104,484		407,438	399,095	8,343	1,204,093	41
81	14,756					4,924	2,277	151	2,496		21,821	21,196	625	62,753	42
24	8,231	7	1,540	1	180	76,803	1,744	825	73,784		43,819	43,043	776	148,390	43
125	62,056	2	364	6	1,092	33,310	2,944	511	29,855		72,062	71,127	935	222,877	44
18	9,641					4,760	3,225	48	1,487		11,541	11,186	405	44,814	45
2,100	803,345	1,129	308,744	876	62,308	614,480	18,555	59,859	378,419	153,147	2,928,842	2,845,884	77,958	5,664,625	46

food preparations, 2; fur hats, 1; furniture, factory product, 1; gas and lamp fixtures, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ironwork, architectural and ornamental, 2; lead, bar, pipe, and sheet, 1; lime and cement, 1; matches, 1; mineral and soda waters, 2; musical instruments, organs and materials, 1; optical goods, 1; patent medicines and compounds, 2; perfumery and cosmetics, 1; photographic materials, 1; photolithography and photo-engraving, 1; plastering and stucco work, 1; pottery, terra cotta, and fire-clay products, 1; sewing machine repairing, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; sugar and molasses, refining, 1; trunks and valises, 2; upholstering materials, 1; varnish, 1; vinegar and cider, 1; worsted goods, 1.

WATERTOWN.

3,230	\$1,709,626	512	\$109,492	18	\$2,419	\$455,916	\$56,421	\$26,245	\$356,156	\$17,094	\$1,152,344	\$3,993,750	\$153,594	\$7,881,977 1
5	2,085					1,405	1,165	8	232		6,647	6,475	172	14,124 2
20	9,945					2,855	2,119	88	148		9,543	8,542	901	39,092 3
3	1,568					963	926	20	17		3,869	3,754	115	10,202 4
48	23,398	13	2,948	1	52	16,741	3,150	506	13,085		84,332	82,360	1,872	169,173 5
99	54,765					14,080		115	894	13,071	108,472	108,246	226	218,199 6
446	226,546	16	4,351	1	253	101,074		2,077	98,997		552,058	547,520	4,533	985,440 7
2	1,330					136	30	29	77		39,636	39,363	273	46,140 8
88	18,268	50	12,547			8,069	4,084	50		1,215	41,561	40,812	749	111,938 9
		79	16,388			4,458	3,186		1,272		25,671	25,044	627	85,184 10
25	12,524	2	415			9,135	60	827	8,248		278,429	278,160	269	329,753 11

TABLE 8.—MANUFACTURES IN CITIES

WATERTOWN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Num-ber of estab-lish-ments.	CAPITAL.					Propri-eters and firm mem-bers.	SALARIED OF-FICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Num-ber.	Salaries.	Total.	
											Aver-age num-ber.	Wages.
12	Foundry and machine shop products.	6	\$3,594,582	\$142,500	\$281,966	\$1,862,922	\$1,807,194	3	34	\$68,800	1,347	\$744,924
13	Furniture, cabinetmaking, repairing, and upholstering.	5	11,505	500	500	1,825	8,680	5	1	400	21	10,400
14	Looking-glass and picture frames.	5	8,600			675	7,925	7			4	2,450
15	Lumber, planing mill products, includ-ing sash, doors, and blinds.	5	157,855	14,820	25,870	17,670	99,495	9	7	4,682	94	45,549
16	Masonry, brick and stone.	4	28,521			8,509	20,012	6	2	800	58	35,983
17	Millinery, custom work.	18	29,456			510	28,946	19	11	2,939	36	7,951
18	Mineral and soda waters.	3	9,900			4,700	5,200	2			8	3,450
19	Painting, house, sign, etc.	15	7,710	125	600	1,265	5,720	15			28	15,480
20	Paper and wood pulp.	6	1,458,304	257,432	324,173	399,805	476,894		32	63,647	640	300,501
21	Photography.	9	9,159			6,289	2,870	11			8	2,185
22	Plumbing, and gas and steam fitting.	16	59,056	300	750	8,810	49,196	20	5	2,946	58	29,629
23	Printing and publishing, book and job.	3	88,704	2,500	21,881	45,785	18,538	4	7	6,229	54	15,616
24	Printing and publishing, newspapers and periodicals.	8	202,839	12,000	22,500	82,580	85,759	5	15	18,168	38	49,013
25	Saddlery and harness.	6	12,450	400	2,500	540	9,010	7			9	5,060
26	Tinsmithing, coppersmithing, and sheet-iron working.	3	23,250			1,050	22,200	8			17	8,241
27	Tobacco, cigars and cigarettes.	6	10,768			750	10,018	6			18	7,347
28	Watch, clock, and jewelry repairing.	7	5,640			2,950	2,690	7			4	3,050
29	All other industries ¹	45	740,776	86,200	125,364	289,950	289,282	53	28	23,064	424	140,711

¹ Embraces awnings, tents, and sails, 1; bottling, 2; brass castings and brass finishing, 2; brick and tile, 1; carpets, rag, 1; cars and general shop construction and repairs by street railroad companies, 1; clothing, women's, factory product, 1; confectionery, 2; cooperage, 1; dyeing and cleaning, 1; electrical construction and repairs, 1; electroplating, 2; engraving, steel, including plate printing, 1; flavoring extracts, 1; fur goods, 2; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1; instruments, professional and scientific, 2; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 1; lumber and timber

YONKERS.

1 All industries	387	\$13,097,205	\$1,681,818	\$1,406,697	\$3,001,228	\$6,407,462	404	329	\$453,426	8,615	\$3,888,892
2 Awnings, tents, and sails.	3	10,250		1,700	2,850	5,700	2	1	1,500	6	3,655
3 Bicycle and tricycle repairing.	8	5,175			2,700	2,475	8			9	4,882
4 Blacksmithing and wheelwrighting.	26	57,150	15,000	14,000	7,700	20,450	28			47	29,974
5 Boots and shoes, custom work and repairing.	46	10,582	1,510	1,075	8,867	4,080	46			11	4,641
6 Bottling.	4	17,315	1,700	2,500	2,915	10,200	7	1	576	4	1,916
7 Bread and other bakery products.	17	68,775	8,200	21,000	9,635	29,940	18	5	1,918	75	42,679
8 Carpententry.	24	195,511	30,600	22,200	15,795	126,916	33	2	2,460	200	137,666
9 Clothing, men's, custom work and repairing.	27	17,805			4,000	18,305	28			44	22,570
10 Clothing, women's, dressmaking.	11	26,950	6,000	2,000	2,470	16,480	11			27	15,980
11 Confectionery.	8	22,850			13,150	9,700	8	8	3,072	26	13,208
12 Electrical construction and repairs.	3	7,450			450	7,000	4			15	9,060
13 Foundry and machine shop products.	12	1,012,892	202,000	225,500	287,520	297,872	12	63	48,945	595	852,114
14 Furniture, cabinetmaking, repairing, and upholstering.	9	20,455	5,000	7,000	2,380	6,075	11			15	9,335
15 Look and gun smithing.	4	2,010			860	1,150	4			2	594
16 Looking-glass and picture frames.	3	2,960			510	2,650	3			3	1,540
17 Marble and stone work.	3	40,100	24,000	950	4,450	10,700	4	1	1,500	37	28,844
18 Masonry, brick and stone.	8	110,722	21,850	6,000	12,480	70,392	8	4	4,120	289	154,301
19 Millinery, custom work.	10	10,343			480	9,863	11			10	3,422
20 Mineral and soda waters.	5	44,400	5,000	10,000	10,300	18,100	6			32	17,592
21 Painting, house, sign, etc.	14	65,775	17,700	28,100	5,075	17,900	17			39	60,237
22 Patent medicines and compounds.	4	174,407	2,972	5,540	20,602	145,284	6	35	115,117	80	30,711
23 Photography.	7	9,925			9,750	6,175	7			7	3,501
24 Pickles, preserves, and sauces.	4	14,300	5,100	1,800	3,800	4,100	5			9	3,450
25 Plumbing, and gas and steam fitting.	25	110,300	5,700	12,500	10,425	81,675	30	2	2,150	126	78,684
26 Printing and publishing, book and job.	6	10,060			6,400	3,660	6			9	4,452
27 Printing and publishing, newspapers and periodicals.	6	123,450	11,750	40,000	45,000	26,700	1	12	16,720	37	22,428
28 Roofing and roofing materials.	3	48,000	3,000	2,700	5,800	34,500	2	3	2,340	20	10,160
29 Saddlery and harness.	7	7,300			1,275	6,025	7			5	2,896
30 Tinsmithing, coppersmithing, and sheet-iron working.	12	40,515	11,000	12,400	5,065	12,050	12	1	300	67	39,066
31 Tobacco, cigars and cigarettes.	17	16,240			910	15,330	17			12	7,722
32 Watch, clock, and jewelry repairing.	11	18,665			3,625	15,040	11			10	5,310
33 All other industries ¹	40	10,775,123	1,303,786	993,223	3,090,139	5,378,975	31	191	252,708	6,697	2,760,404

¹ Embraces boxes, fancy and paper, 1; brass castings and brass finishing, 1; bridges, 1; carpets and rugs, other than rag, 1; carriages and wagons, 1; cars and general shop construction and repairs by street railroad companies, 1; cheese and butter, urban dairy products, 1; dyeing and cleaning, 2; electrical apparatus and supplies, 2; flouring and grist mill products, 1; fur hats, 2; furnishing goods, men's, 1; gas, illuminating and heating, 1; hairwork, 1; ice, manufactured, 1; ironwork, architectural and ornamental, 1; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mattresses and spring beds, 1;

BY SPECIFIED INDUSTRIES: 1900—Continued.

WATERTOWN—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
1,345	\$744,624			2	\$300	\$59,229	\$15,150	\$3,482	\$35,597		\$1,353,875	\$1,323,492	\$35,363	\$2,352,945	12
21	10,400					1,538	1,233	45	260		11,215	11,160	55	32,250	13
4	2,450					1,490	1,050	15	425		9,138	9,110	28	14,450	14
92	45,819			2	200	8,224	1,300	876	5,798	\$250	168,588	167,833	705	262,345	15
58	85,983					752	75		677		68,651	68,211	440	119,258	16
		36	\$7,951			5,302	3,090	73	2,139		38,029	38,570	359	72,741	17
8	3,450					504	896		108		2,996	2,921	75	14,129	18
28	15,480					800	678	13	109		11,287	11,145	142	40,425	19
571	291,033	69	15,868			100,676		8,640	92,036		906,938	811,582	95,356	1,870,282	20
1	450	7	1,735			1,693	1,525		168		3,645	3,466	179	13,948	21
57	29,473			1	156	6,032	4,706	57	1,269		67,964	67,195	769	137,787	22
38	12,543	15	3,025	1	48	2,491	462	527	1,502		23,192	21,863	1,329	55,370	23
61	39,761	20	8,952	2	300	22,909	2,081	829	18,791	1,203	25,778	23,471	2,307	149,841	24
8	4,819	1	250			1,367	930	60	347		27,626	27,510	116	42,167	25
13	6,451	4	1,790			24,870	670	30	24,170		14,303	14,150	153	64,000	26
17	7,247			1	100	3,533	851	17	2,665		7,060	6,928	132	21,718	27
4	3,050					1,148	944		54	150	1,495	1,415	80	10,000	28
218	106,639	199	33,062	7	1,010	54,942	6,530	2,861	44,351	1,200	254,501	248,352	6,149	599,071	29

products, 1; mattresses and spring beds, 2; models and patterns, 1; monuments and tombstones, 2; optical goods, 2; patent medicines and compounds, 1; plastering and stucco work, 2; roofing and roofing materials, 2; silk and silk goods, 1; springs, steel, car and carriage, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1.

YONKERS.

5,564	\$2,899,613	2,782	\$936,586	269	\$52,093	\$1,059,522	\$98,585	\$40,452	\$850,608	\$63,817	\$10,555,218	\$10,385,957	\$169,261	\$19,580,324	1
5	3,565	1	90			965	510	85	360		12,276	11,961	315	25,851	2
8	4,610			1	252	1,252	995		257		4,874	4,690	178	16,950	3
47	29,974					4,376	3,607	804	465		29,882	28,068	1,284	100,477	4
11	4,641					4,813	4,106	41	166		15,213	14,620	593	46,982	5
8	1,500	1	416			2,208	780	50	1,378		18,899	18,738	161	28,684	6
69	40,913	5	1,626	1	140	9,730	4,961	881	4,888		142,726	139,167	3,559	251,996	7
200	187,666					34,197	2,175	464	4,945	26,613	213,915	212,040	1,875	454,351	8
98	20,598	5	1,920	1	52	5,339	4,555		434	300	42,848	41,292	1,056	98,916	9
17	12,190	10	3,790			2,282	1,796	100	386		48,595	48,127	408	81,040	10
22	11,008	4	1,600			6,294	5,614		650		81,822	29,983	1,839	78,362	11
15	9,060					3,614	579		3,035		13,851	13,570	281	98,500	12
595	352,114					70,565	2,250	7,157	61,158		798,207	784,788	13,469	1,831,903	13
16	9,235					1,753	1,163	160	440		10,104	9,632	472	30,466	14
1	450			1	144	700	672		28		1,205	1,130	75	4,810	15
3	1,540					682	580		102		2,402	2,372	30	7,830	16
37	28,844					4,219	700	94	1,425	2,000	25,832	25,252	80	72,200	17
289	154,301					32,897	484	265	2,344	29,804	233,222	232,537	685	517,616	18
82	17,592	10	3,422			3,782	3,400	20	252		21,644	21,308	336	39,417	19
89	66,287					6,923	1,420	400	5,103		34,407	33,812	595	68,442	20
						3,469	2,046	469	944		30,512	30,200	312	129,993	21
35	14,827	40	15,027	5	857	233,713	3,400	878	229,435		221,053	220,381	1,272	744,784	22
4	2,391	3	1,110			2,735	2,056		679		5,023	5,698	228	21,600	23
9	3,450					1,130	860	65	205		13,088	12,948	140	25,260	24
126	78,634					9,613	4,975	310	4,328		195,830	193,895	1,935	352,974	25
8	4,296			1	156	1,403	1,092		361	40	3,437	3,396	101	14,500	26
29	19,903	4	1,615	4	900	10,107	2,520	546	3,441	3,600	14,106	11,968	2,138	108,172	27
20	10,160					5,415	2,075	94	3,246		14,735	14,341	394	40,350	28
5	2,866					1,136	1,067		69		10,669	10,528	141	20,849	29
66	33,819	1	250			2,460	1,446	222	792		51,421	50,744	677	117,588	30
12	7,722					5,493	1,975	6	3,512		14,990	14,690	300	39,014	31
10	5,810					1,851	1,458	50	343		5,844	5,479	365	20,124	32
3,744	1,804,492	2,698	905,720	255	50,192	584,886	33,178	34,301	515,947	1,460	3,266,643	3,132,676	183,967	14,605,074	33

models and patterns, 1; monuments and tombstones, 2; paper hangings, 1; paving and paving materials, 1; photographic apparatus, 2; photographic materials, 1; ship and boat building, wooden, 1; silk and silk goods, 1; sugar and molasses, refining, 1; surgical appliances, 1; taxidermy, 1; window shades, 1; wood, turned and carved, 2; wool hats, 1.

TABLE 9.—MANUFACTURES IN CITIES AND

CITIES AND VILLAGES.		Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
			Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and villages.....	7,705	\$169,268,323	\$12,261,780	\$25,617,042	\$40,509,865	\$90,879,686	8,645	6,055	\$6,067,874	93,987	\$39,029,176
2	Albion.....	58	352,261	49,777	61,853	118,923	121,708	68	8	5,865	235	87,245
3	Athens.....	16	236,610	35,750	41,801	57,408	101,656	20	5	5,120	256	101,207
4	Baldwinsville.....	55	821,470	124,500	108,928	234,112	353,930	54	33	31,944	349	163,976
5	Ballston Spa.....	62	3,415,471	422,522	632,493	953,378	1,357,078	65	22	51,612	992	439,183
6	Batavia.....	126	3,582,968	81,700	409,182	546,197	2,495,889	183	192	108,354	1,773	753,494
7	Brockport.....	39	528,469	18,018	61,885	112,863	335,753	48	32	29,984	400	134,792
8	Canandaigua.....	86	1,338,189	56,839	222,728	266,266	792,336	97	52	55,524	579	254,701
9	Canastota.....	52	768,521	30,160	106,989	128,806	502,566	56	43	33,570	468	194,262
10	Catskill.....	75	1,579,609	212,808	464,000	452,063	450,733	88	44	43,831	903	376,644
11	Clyde.....	46	533,305	35,384	75,906	78,510	343,505	52	21	16,904	222	97,658
12	Corinth.....	23	71,930	13,200	15,300	23,545	19,885	28	2	550	67	22,411
13	Corning.....	133	2,212,109	144,665	380,640	368,123	1,813,681	154	135	154,442	1,965	870,770
14	Cortland.....	118	2,857,094	215,629	485,914	692,772	1,462,779	130	123	128,691	1,629	715,749
15	Coxsackie.....	36	499,385	37,205	74,810	164,530	222,840	40	21	20,320	353	170,684
16	Dansville.....	78	446,469	81,075	83,877	124,075	206,842	92	22	19,579	253	87,944
17	Dunkirk.....	86	4,226,495	118,581	583,905	1,033,976	2,490,033	89	122	121,655	2,615	1,374,017
18	Ellenville.....	59	353,768	14,875	64,738	105,239	168,951	77	5	3,856	243	88,388
19	Fairport.....	33	352,871	25,825	63,500	79,225	184,321	31	36	30,849	212	76,064
20	Fishkill Landing ¹	38	721,829	77,050	104,575	212,100	323,104	41	20	20,565	436	215,324
21	Fort Plain.....	44	457,257	36,678	75,215	181,265	164,099	42	14	10,570	321	105,825
22	Fredonia.....	41	514,975	26,100	45,100	49,622	394,153	50	45	41,668	210	63,363
23	Fulton.....	63	1,910,181	188,107	431,078	661,843	629,153	74	58	57,814	730	301,017
24	Geneva.....	161	2,617,661	155,132	313,361	571,820	1,571,288	169	133	155,489	1,586	689,101
25	Glens Falls.....	162	4,474,907	729,693	802,222	1,092,836	1,850,156	203	169	139,914	3,230	1,033,416
26	Gloversville.....	312	5,740,327	200,306	457,439	600,911	4,481,671	403	247	239,755	8,111	2,536,853
27	Green Island.....	46	2,472,997	71,223	257,390	413,174	1,731,210	50	65	84,224	933	470,980
28	Hadley.....	6	101,297	24,800	14,550	21,550	40,397	7	4	4,800	72	24,578
29	Haverstraw.....	110	1,806,235	186,445	225,403	368,572	525,815	131	20	15,753	1,174	510,864
30	Herkimer.....	73	1,836,979	142,728	281,719	449,158	993,374	79	49	81,664	1,344	515,627
31	Homer.....	36	495,611	14,625	61,100	62,869	357,017	42	10	5,930	280	108,274
32	Hoosick Falls.....	57	3,070,843	93,315	514,499	456,137	2,006,892	58	75	79,288	1,405	669,893
33	Hornellsville.....	164	1,952,072	225,218	298,355	445,689	982,330	187	129	103,688	1,757	680,974
34	Hudson.....	144	2,357,304	189,242	380,809	521,762	1,265,491	158	84	94,590	1,403	591,430
35	Ilion.....	47	2,172,209	68,151	256,582	534,710	1,312,766	57	58	60,826	1,946	1,185,975
36	Ithaca.....	194	2,998,057	311,578	601,701	622,656	1,462,122	231	133	98,377	1,286	631,984
37	Johnstown.....	214	3,695,819	184,160	331,475	702,520	2,477,664	293	180	119,696	3,884	1,248,587
38	Lansingburg.....	127	2,957,650	198,286	433,350	465,026	1,805,988	155	128	261,345	2,940	1,328,808
39	Leroy.....	62	1,956,988	257,090	583,486	326,308	784,104	59	158	101,176	430	158,232
40	Lestershire.....	40	1,577,367	30,200	57,315	216,810	1,273,042	39	53	29,266	1,891	712,333
41	Little Falls.....	124	4,020,573	327,074	668,016	971,879	2,053,604	147	106	120,499	3,112	1,125,777
42	Lockport.....	243	6,250,709	680,661	1,083,621	1,725,056	2,761,871	284	245	238,799	2,699	1,217,672
43	Lyons.....	80	713,840	33,125	114,200	167,481	379,034	93	62	27,807	288	119,395
44	Malone.....	116	593,853	55,885	87,675	151,117	299,176	136	26	19,114	508	201,864
45	Matteawan.....	43	1,119,745	29,257	204,537	161,250	724,701	42	40	97,449	735	322,633
46	Mechanicsville.....	66	2,652,410	130,907	973,757	877,923	669,823	80	32	74,356	1,150	505,732
47	Medina.....	54	786,744	117,925	125,207	165,846	377,766	63	41	39,661	568	217,835
48	Middletown.....	103	2,060,834	261,976	337,746	574,176	886,938	125	58	58,778	1,553	650,123
49	Mt. Morris.....	51	341,793	18,250	40,165	82,038	206,346	53	15	11,560	247	76,412
50	Newark.....	77	555,332	48,425	96,850	133,794	276,263	98	26	14,059	361	123,893
51	New Rochelle.....	131	3,837,269	168,240	303,949	2,927,628	437,452	140	54	38,422	715	457,658
52	Niagara Falls.....	265	14,821,819	666,242	1,025,883	3,228,136	9,301,553	255	393	420,499	8,513	1,690,195
53	North Tonawanda.....	75	5,026,841	495,688	774,008	1,010,867	2,746,280	73	139	149,761	1,713	786,639
54	Norwich.....	109	1,308,683	47,686	174,835	347,104	739,053	117	90	79,053	799	330,166
55	Nyack.....	88	796,587	77,975	116,792	232,069	369,751	92	61	50,857	719	364,533
56	Ogdensburg.....	197	1,855,116	180,050	224,813	475,965	974,283	207	96	72,244	1,052	404,955
57	Olean.....	152	5,915,740	243,244	609,007	1,412,506	3,650,983	167	152	132,928	2,011	935,932
58	Oneida.....	104	1,801,431	87,411	223,760	235,585	754,725	121	69	64,752	730	336,266
59	Oneonta.....	111	1,892,250	72,950	187,665	484,631	1,196,954	123	67	45,605	387	397,815
60	Ossining ²	137	1,357,816	165,840	213,359	213,784	764,833	156	52	94,593	392	445,238
61	Owego.....	82	1,023,961	30,421	80,840	298,107	614,593	94	53	47,318	402	183,524
62	Peekskill.....	153	1,712,335	167,000	251,678	314,323	979,329	171	102	101,886	1,524	751,833
63	Penn Yan.....	34	322,142	59,090	133,035	233,348	396,669	103	65	40,939	382	129,889
64	Plattsburg.....	131	2,210,045	244,967	381,819	537,071	1,046,188	139	69	45,424	852	306,284
65	Port Chester.....	79	3,024,814	159,730	316,540	453,802	2,095,242	81	86	96,047	1,569	646,202
66	Port Jervis.....	83	654,472	53,850	133,234	228,945	238,443	87	44	30,743	977	392,054
67	Rensselaer.....	53	711,031	32,550	226,973	158,766	292,742	59	14	17,721	502	252,227
68	Rome.....	196	3,738,051	137,449	394,834	1,312,061	1,897,707	204	154	154,666	2,633	1,014,352
69	Salamanca.....	62	1,887,289	48,520	256,855	263,056	1,298,858	65	29	26,376	419	138,656
70	Sandy Hill.....	50	3,999,674	695,041	604,207	1,296,046	1,404,380	54	39	121,996	939	437,904
71	Saratoga Springs.....	170	1,863,526	70,800	134,972	448,784	1,208,990	176	79	130,235	939	369,876
72	Saugerties.....	117	1,202,299	143,781	82,925	286,380	684,263	146	50	60,436	580	264,614
73	Seneca Falls.....	65	2,422,256	157,464	578,173	505,368	1,151,251	62	119	112,001	1,365	611,630
74	Silver Creek.....	27	626,396	50,875	94,990	81,066	399,466	27	53	55,086	298	146,716
75	Solvay.....	8	214,116	7,200	84,800	150,979	41,137	7	9	5,235	99	59,153
76	South Glens Falls.....	7	316,085	6,000	8,500	12,100	294,485	9	8	6,000	144	63,402

¹ Given as Fishkill-on-Hudson in 1890.² Given as Sing Sing in 1890.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
67,351	\$32,614,993	25,328	\$6,196,816	1,308	\$217,867	\$11,030,278	\$1,035,257	\$580,147	\$3,707,180	\$707,694	\$99,258,599	\$95,854,636	\$3,413,903	\$180,681,771	1
193	81,338	33	5,545	4	862	14,802	4,897	1,273	7,432	1,200	203,695	199,156	4,539	405,774	2
170	74,413	76	25,169	10	1,625	3,845	828	648	2,678	200	178,777	170,798	7,979	354,540	3
285	152,455	60	11,244	4	277	99,891	3,230	2,092	63,999		628,762	619,306	9,456	1,085,262	4
973	434,989	17	3,753	2	450	57,260	2,976	10,637	73,587		2,107,160	2,014,037	93,123	3,075,886	5
1,400	601,683	869	61,899	4	512	219,002	15,920	12,347	143,235	42,500	1,426,430	1,401,151	24,285	2,993,297	6
305	114,340	94	20,802	1	150	75,433	4,307	2,214	68,912		480,284	475,518	4,766	816,208	7
532	242,050	46	12,555	1	96	257,904	8,700	5,722	263,542		789,719	774,928	14,791	1,514,576	8
434	189,777	27	3,173	7	1,912	37,779	3,950	1,671	31,446	702	468,604	448,062	15,542	890,365	9
659	300,599	221	72,582	23	3,472	74,113	7,735	6,518	69,803		495,860	480,224	35,636	1,196,543	10
161	88,598	48	6,950	13	2,110	22,441	5,205	1,722	15,604	10	352,998	336,208	16,790	657,169	11
33	15,425	30	6,752	4	234	3,225	1,332	412	1,481		40,047	39,296	751	81,722	12
1,688	789,657	256	61,823	21	19,190	109,783	22,211	7,472	72,400	7,650	1,429,473	1,351,115	78,353	3,061,172	13
1,405	655,255	221	59,902	3	592	123,044	12,121	5,852	108,291	1,780	1,073,877	1,038,055	35,822	3,466,262	14
278	155,700	82	13,130	13	1,834	40,123	1,555	1,260	32,818	5,000	238,867	219,909	18,958	556,854	15
166	76,897	56	16,897	1	150	88,201	5,019	1,876	30,894	426	246,940	241,449	5,491	490,007	16
2,449	1,338,683	108	24,834	58	10,530	324,824	7,282	13,646	300,311	3,085	3,084,197	2,936,239	87,965	5,898,053	17
181	77,898	52	9,067	15	1,376	27,767	3,105	1,461	23,201		211,167	205,911	6,256	415,078	18
193	56,386	79	19,678			14,589	1,882	1,463	11,234		205,328	198,517	6,811	434,039	19
331	187,975	106	27,849			40,570	3,031	2,146	35,939		351,909	332,730	9,179	681,039	20
166	68,155	140	36,434	9	1,236	19,889	4,809	1,009	18,471		268,494	255,521	7,973	497,154	21
91	42,095	113	25,813	6	455	84,789	3,175	1,172	30,442		217,440	214,053	3,384	462,455	22
671	288,535	58	12,832	1	100	118,084	6,594	9,477	99,593	420	905,316	875,349	29,967	1,607,954	23
1,253	684,390	303	52,432	20	2,270	235,472	15,462	11,435	207,968	607	1,913,634	1,869,435	44,190	3,398,806	24
1,683	637,456	1,574	842,665	23	3,295	290,980	31,038	34,886	191,151	34,350	2,280,408	2,102,290	128,118	4,571,253	25
3,565	1,608,170	4,498	921,648	48	7,035	271,162	55,510	11,693	202,894	1,215	5,518,391	5,446,738	71,655	9,647,137	26
788	421,358	139	48,643	6	984	105,568	9,043	1,887	94,164	974	1,029,273	969,070	30,203	1,992,038	27
72	24,578					1,527	50		1,073		82,018	81,927	91	75,822	28
1,116	495,689	45	12,345	13	2,830	177,327	107,688	6,109	42,208	21,824	405,801	284,500	121,101	1,366,158	29
1,016	489,110	390	71,617	28	4,903	159,725	6,849	10,312	144,064		940,818	915,953	24,865	2,063,606	30
214	98,144	65	15,180			10,750	2,214	1,184	18,277	75	275,992	270,801	5,191	622,890	31
1,001	549,810	402	120,352	2	231	200,336	5,790	17,193	177,137	249	1,031,421	982,314	49,107	2,734,861	32
1,308	578,075	436	105,748	13	2,151	174,055	15,271	7,285	121,997	23,502	1,515,287	1,488,087	32,200	2,873,970	33
917	463,360	462	128,884	30	4,186	365,133	13,110	17,174	327,129	13,750	1,495,030	1,458,481	36,549	3,096,759	34
1,838	1,150,365	100	84,373	8	1,237	230,486	6,762	14,769	208,534	409	564,422	543,351	21,071	2,944,655	35
1,116	594,977	169	46,787	1	220	149,946	29,773	6,362	73,200	40,610	1,114,845	1,084,927	49,918	2,535,151	36
1,977	913,650	1,877	330,536	30	4,401	300,845	27,013	11,848	186,072	76,412	3,130,043	3,078,047	51,996	5,480,072	37
913	503,057	1,968	618,211	59	7,535	340,563	23,355	13,311	299,337	5,550	1,598,204	1,569,315	38,889	3,778,277	38
334	134,987	94	23,023	2	272	262,162	6,490	5,367	249,105	1,200	497,716	465,939	31,777	1,137,210	39
1,321	549,467	520	150,866	50	12,000	115,089	17,743	3,325	96,667	7,299	2,941,777	2,927,932	13,845	3,904,112	40
1,607	751,943	1,285	355,752	120	18,077	298,162	17,875	15,829	264,338	70	2,361,593	2,325,941	35,652	4,364,994	41
2,178	1,101,823	504	113,822	17	2,527	338,660	34,723	19,325	337,702	6,907	3,827,109	3,216,366	110,248	5,847,905	42
254	111,071	38	8,167	1	157	45,061	4,974	3,748	36,804	85	546,390	536,689	9,701	831,939	43
381	171,945	125	29,211	2	208	32,610	9,110	3,885	19,665	450	581,929	574,431	7,498	935,797	44
580	270,827	161	45,114	44	6,632	77,365	9,268	4,581	63,519		643,749	617,619	26,130	1,224,425	45
898	423,776	246	74,466	6	1,500	251,641	6,279	9,433	208,295	37,634	1,024,400	920,576	94,024	2,186,005	46
511	203,201	31	7,055	26	2,579	31,675	5,504	2,647	23,324		510,854	489,969	20,885	1,032,032	47
1,159	670,001	376	78,691	18	1,431	97,252	17,051	9,730	69,337	9,500	1,443,489	1,406,619	36,970	2,426,001	48
148	60,241	82	14,121	17	2,050	25,711	4,417	1,166	19,125	1,033	313,038	308,590	4,042	510,129	49
248	100,687	101	20,898	12	2,350	51,418	5,184	1,972	42,789	1,523	517,257	509,334	7,923	900,974	50
676	447,878	86	9,584	4	696	118,396	19,550	8,708	63,079	22,555	338,829	327,068	11,736	1,811,332	51
2,951	1,558,157	557	130,202	10	1,836	862,125	57,898	37,858	699,955	66,414	5,511,437	5,095,087	416,400	9,309,228	52
1,591	763,785	118	21,269	9	1,595	282,107	10,913	18,371	250,158	2,170	4,321,875	3,827,752	494,123	6,445,339	53
604	281,814	191	48,132	4	670	115,134	11,225	2,685	69,970	31,254	801,821	781,123	20,698	1,556,696	54
553	317,708	157	44,489	9	2,333	85,233	14,520	2,665	39,232	28,916	661,956	643,312	12,664	1,321,237	55
756	338,863	280	69,718	16	1,374	103,096	16,208	7,333	75,075	4,480	1,661,759	1,643,184	18,575	2,668,952	56
1,914	914,076	62	15,358	35	6,493	274,447	11,845	20,191	227,689	9,242	5,009,818	4,877,311	132,507	6,624,390	57
618	233,489	164	42,093	6	684	149,576	11,350	4,752	118,224	15,260	842,851	823,839	18,962	1,613,572	58
727	362,406	142	33,557	18	1,852	118,861	13,322	1,672	50,007	44,860	1,308,549	1,299,040	9,509	2,118,452	59</

TABLE 9.—MANUFACTURES IN CITIES AND

CITIES AND VILLAGES.	Number of establishments.	CAPITAL.					Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC.		AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES.	
		Total.	Land.	Buildings.	Machinery, tools, and imple-ments.	Cash and sundries.		Number.	Salaries.	Total.	
										Average number.	Wages.
77 Tarrytown	77	\$467,707	\$62,650	\$56,350	\$197,219	\$151,488	81	24	\$12,656	375	\$207,453
78 Tonawanda	60	1,540,789	108,798	125,559	175,329	1,130,103	60	42	43,517	898	158,851
79 Wappingers Falls	31	1,947,381	68,200	272,311	713,109	893,761	33	12	15,768	944	448,815
80 Warsaw	48	3,285,826	461,655	1,493,484	724,221	606,466	44	47	52,247	329	181,611
81 Waterford	58	2,593,021	136,800	289,037	810,572	1,356,612	68	62	88,527	1,921	773,786
82 Waterloo	36	1,644,687	72,160	227,347	232,385	1,112,795	39	33	48,998	736	305,648
83 Watervliet	135	1,826,691	109,100	233,700	324,181	1,153,710	136	69	81,721	1,167	460,352
84 Waverly	90	477,724	41,005	81,893	124,064	230,762	98	37	17,905	295	112,332
85 Wolkeville	64	1,344,488	90,800	219,650	283,077	748,011	85	21	19,743	351	131,835
86 Westfield	32	864,409	20,633	84,165	88,869	160,942	37	27	17,420	114	46,556
87 Whitehall	47	643,228	7,730	49,800	227,613	358,079	53	29	37,469	403	125,816

Given as West Troy in 1890.

VILLAGES UNDER 20,000 IN POPULATION: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.			Value of products, including custom work and repairing.	
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.		Total.	Rent of works.	Taxes, not in- cluding internal revenue.	Rent of offices, interest, etc.	Contract work.	Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.		
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.										
298	\$190,584	76	\$16,669	1	\$200	\$85,980	\$9,845	\$1,460	\$22,965	\$1,600	\$327,008	\$319,444	\$7,564	\$719,020	77
366	164,005	8	2,290	24	2,556	40,382	3,557	2,456	16,844	17,525	1,227,349	1,228,472	3,877	1,676,280	78
781	413,274	119	28,241	44	7,800	23,858	1,574	8,331	13,953		450,023	392,883	57,740	972,838	79
256	114,234	72	17,252	1	125	61,757	11,940	4,733	45,084		296,820	208,855	57,965	631,627	80
865	404,115	988	356,405	68	13,266	152,450	5,503	6,108	140,229	610	1,544,719	1,515,648	29,071	2,966,060	81
508	233,495	212	69,828	16	2,325	141,272	3,149	7,263	130,860		907,222	892,529	14,693	1,580,395	82
756	350,168	383	106,692	28	3,492	154,118	13,860	7,891	125,271	7,096	849,934	828,831	21,103	1,809,241	83
249	103,950	42	7,933	4	449	40,780	6,430	1,730	31,835	785	359,246	353,224	6,022	656,784	84
309	121,798	40	9,825	2	212	36,285	4,156	1,788	27,329	12	668,283	663,355	4,928	1,017,515	85
91	40,085	22	6,341	1	130	24,294	1,503	1,232	26,559		136,444	133,813	2,601	326,018	86
257	98,432	128	25,431	18	1,903	37,846	7,743	2,145	27,458		320,424	311,746	8,678	506,971	87