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 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 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	42,739	36,206	22,624	23,553	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	$99,901,405	40.1	119.8	40.1	112.3	73.1
Salaried officials, clerks, etc., number	74,480	[2] 98,018	(3)	(3)	(3)	(3)	[1] 24.0				
Salaries	$82,075,648	[2] $96,466,083	(3)	(3)	(3)	(3)	[1] 14.9				
Wage-earners, average number	849,056	752,066	531,533	351,800	280,112	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	33.2
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	$338,030,434	$312,759,301	(3)	(3)	(3)	(3)	8.1				
Women, 16 years and over	230,181	194,350	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	[1] 58.5	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	$237,597,249	27.1	58.4	37.6	107.2	59.5
Total population	[5] 7,263,110	5,997,853	5,082,871	4,382,759	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	531,533	351,800	280,112	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	[6] $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[7]	$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 5,784 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. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	87,396	$1,674,088,301	97,837	854,234	$410,768,950	$222,216,246	$1,146,034,092	$261,072,332	$852,484,167	$32,477,593	$2,182,737,337
Hand trades[1]	34,498	86,095,759	40,115	105,340	62,257,695	33,756,717	94,075,257	1,387,831	90,994,107	1,693,319	246,681,237
Governmental establishments	8	18,439,326	----------	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	40,363	8,502	431,162	56,527	363,401	11,234	651,861
Establishments with a product of less than $500	8,689	3,438,880	9,083	2,859	148,224	295,851	669,772	82,184	587,588	----------	2,330,544
All other establishments	44,160	1,565,114,461	48,639	743,716	346,597,957	188,129,554	1,049,716,519	259,545,190	759,433,914	30,737,415	1,929,045,663

[1] Includes bicycle and tricycle repairing, 1,094; blacksmithing and wheelwrighting, 5,394; boots and shoes, custom work and repairing, 4,941; carpentering, 2,081; 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 establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Agricultural implements	1	$60,000	Lumber, planing mill products, including sash, doors, and blinds	7	[illegible]
Brick and tile	9	172,839	Malt	7	[illegible]
Brooms and brushes	2	14,040	Marble and stone work	5	[illegible]
Carpentering	5	187,350	Matches	1	[illegible]
Carriage and wagon materials	2	15,500	Millinery and lace goods	1	[illegible]
Cheese, butter, and condensed milk, factory product	11	19,620	Models and patterns	1	[illegible]
Chemicals	1	50,000	Musical instruments, organs and materials	1	[illegible]
Dye stuffs and extracts	1	27,500	Oil, essential	3	[illegible]
Flouring and grist mill products	21	175,925	Oil, linseed	2	[illegible]
Foundry and machine shop products	12	253,966	Paper and wood pulp	3	[illegible]
Fruits and vegetables, canning and preserving	32	119,554	Paving and paving materials	5	[illegible]
Furniture, factory product	1	26,400	Pottery, terra cotta, and fire-clay products	2	[illegible]
Glass	4	337,900	Salt	2	[illegible]
Hosiery and knit goods	10	784,050	Silk and silk goods	1	[illegible]
Iron and steel	8	2,976,532	Stamped ware	1	[illegible]
Leather, tanned, curried, and finished	7	303,275	Woodenware, not elsewhere specified	2	[illegible]
Liquors, distilled	5	88,945	Woolen goods	8	[illegible]
Liquors, malt	2	204,526	All other industries	57	[illegible]
Lumber and timber products	21	52,027			

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

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products including custom work and repairing
Total for selected industries for state	1900	24,417	$1,156,396,994	502,839	$234,922,692	$152,077,272	$759,215,666	[illegible]
	1890	21,309	760,830,178	445,867	211,497,587	86,352,935	583,692,855	[illegible]
Increase, 1890 to 1900		3,108	395,566,816	56,972	23,425,105	65,724,337	175,522,811	[illegible]
Per cent of increase		14.6	52.0	12.8	11.1	76.1	30.1	[illegible]
Per cent of total of all industries in state	1900	31.0	70.0	59.2	57.5	68.5	66.4	[illegible]
	1890	32.4	67.3	59.3	57.1	70.8	67.0	[illegible]
Agricultural implements	1900	87	20,115,962	5,551	2,797,269	833,948	4,824,871	[illegible]
	1890	116	19,924,731	5,620	2,726,538	2,263,680	3,743,157	[illegible]
Boots and shoes, factory product	1900	223	11,985,239	15,796	6,138,653	1,251,902	15,611,386	[illegible]
	1890	257	11,950,891	15,361	6,629,641	812,099	12,883,851	[illegible]
Carriages and wagons	1900	893	14,141,207	6,981	3,899,899	873,942	5,174,662	[illegible]
	1890	1,098	15,363,984	9,776	5,346,529	963,546	6,786,570	[illegible]
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	[illegible]
	1890	46	4,213,639	8,585	4,420,441	----------	4,527,381	[illegible]
Cheese, butter, and condensed milk, factory product	1900	1,908	7,084,130	2,439	1,157,081	337,303	22,486,869	[illegible]
	1890	1,308	4,002,026	2,461	640,827	149,946	12,362,992	[illegible]
Chemical products: Total	1900	279	46,459,948	8,854	4,638,859	2,980,719	24,554,418	[illegible]
	1890	288	34,813,828	8,720	4,372,019	3,637,132	24,581,078	[illegible]
Chemicals (acids, bases, and salts)	1900	92	22,105,837	4,531	2,302,999	1,142,851	8,669,561	[illegible]
	1890	133	16,075,805	5,266	2,548,278	2,007,320	11,781,828	[illegible]
Dye stuffs and extracts	1900	19	2,548,136	538	300,832	128,447	1,263,843	[illegible]
	1890	15	2,752,195	497	266,288	69,645	1,381,906	[illegible]
Fertilizers	1900	32	4,600,559	1,033	491,898	317,826	1,909,158	[illegible]
	1890	31	3,895,779	690	325,006	217,514	2,138,915	[illegible]
Oil, essential	1900	14	256,885	42	24,295	88,411	412,832	[illegible]
	1890	7	54,930	28	9,430	31,898	91,980	[illegible]
Paints	1900	82	11,318,449	2,173	1,175,277	815,946	8,344,936	[illegible]
	1890	70	7,534,668	1,810	937,502	767,808	6,395,947	[illegible]
Varnish	1900	40	5,630,082	537	343,558	537,238	3,954,088	[illegible]
	1890	32	4,500,951	429	285,515	542,947	2,790,502	[illegible]
Clothing: Total	1900	4,204	80,633,853	90,017	41,567,834	28,803,498	121,348,345	[illegible]
	1890	3,466	57,534,954	78,874	34,922,393	9,163,467	67,961,888	[illegible]
Clothing, men's, factory product	1900	2,531	51,950,648	41,300	19,579,938	20,396,003	64,500,271	[illegible]
	1890	2,661	46,153,319	54,110	24,100,196	6,937,994	45,898,538	[illegible]
Clothing, women's, factory product	1900	1,673	29,283,205	48,717	21,987,896	8,407,495	56,848,074	[illegible]
	1890	805	11,381,635	24,764	10,822,197	2,225,473	22,063,350	[illegible]
Coffee and spice, roasting and grinding	1900	87	9,405,886	1,541	711,404	1,523,357	18,130,868	[illegible]
	1890	70	4,882,987	1,260	640,981	326,986	28,338,042	[illegible]
Confectionery	1900	858	8,330,656	7,230	2,674,077	1,753,214	10,683,276	[illegible]
	1890	657	5,678,878	5,920	2,184,685	782,798	6,971,074	[illegible]
Electrical apparatus and supplies	1900	134	17,697,352	10,370	5,666,702	893,038	12,538,790	[illegible]
	1890	66	8,976,892	3,890	2,091,860	420,468	4,125,504	[illegible]
Flouring and grist mill products	1900	1,513	23,384,858	2,489	1,284,438	1,014,018	36,523,959	[illegible]
	1890	1,235	21,128,597	3,389	1,599,168	1,410,681	44,890,115	[illegible]
Foundry and machine shop products	1900	1,352	107,926,155	50,178	27,576,789	7,390,514	41,814,790	[illegible]
	1890	1,081	68,086,728	39,133	23,245,546	4,637,952	27,273,952	[illegible]
Fur goods	1900	560	7,299,989	4,454	2,486,071	1,208,935	8,792,323	[illegible]
	1890	281	5,620,290	4,342	2,322,314	452,392	6,897,292	[illegible]

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

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Furnishing goods, men's	1900	270	$16,158,628	21,610	$7,299,054	$1,963,863	$15,865,729	$31,000,834
	1890	215	5,284,529	11,671	3,349,872	1,360,611	6,788,652	14,379,970
Furniture, factory product	1900	354	16,436,743	14,481	6,983,087	1,813,548	9,908,514	23,643,245
	1890	415	13,417,296	13,211	7,605,418	1,322,226	9,504,797	23,539,011
Gas, illuminating and heating	1900	101	171,379,067	5,381	3,676,712	5,060,906	5,866,549	20,917,726
	1890	94	77,899,876	3,970	3,062,641	2,521,614	4,944,042	18,716,683
Gloves and mittens	1900	244	6,219,227	9,889	2,716,223	341,567	6,317,093	10,835,898
	1890	212	4,143,502	6,208	1,998,737	253,785	3,724,094	7,369,730
Iron and steel	1900	30	12,183,866	5,418	3,062,711	503,558	7,676,155	13,858,553
	1890	44	15,982,435	6,848	3,303,811	877,541	10,424,852	15,849,537
Ironwork, architectural and ornamental	1900	203	6,167,239	4,942	2,936,838	835,632	6,877,269	12,745,249
	1890	155	3,739,291	4,018	2,591,595	322,298	4,147,313	8,386,281
Jewelry	1900	250	5,828,008	3,022	2,001,816	474,446	5,427,002	10,244,624
	1890	195	3,461,294	1,994	1,380,241	246,216	3,489,132	7,385,139
Leather, tanned, curried, and finished	1900	147	19,062,817	6,530	2,775,115	558,470	17,424,300	23,205,991
	1890	210	14,553,591	6,200	2,914,165	802,564	16,328,321	23,348,078
Liquors: Total	1900	279	97,610,103	7,730	5,741,081	27,996,873	11,942,896	58,282,253
	1890	249	68,219,486	7,084	5,562,402	16,730,168	18,966,530	54,009,249
Liquors, distilled	1900	16	394,906	62	26,621	909,958	141,626	1,201,851
	1890	6	195,793	48	22,073	261,257	118,750	422,824
Liquors, malt	1900	225	95,057,875	7,424	5,630,996	26,954,024	11,418,383	56,137,854
	1890	232	67,759,552	7,001	5,525,189	16,445,206	18,776,129	53,429,685
Liquors, vinous	1900	38	2,157,322	244	83,464	132,891	382,887	942,548
	1890	11	264,141	35	15,140	23,705	71,651	156,740
Lithographing and engraving	1900	111	12,288,055	6,335	3,497,757	1,543,750	3,790,350	11,062,856
	1890	94	6,675,542	4,094	2,799,634	462,130	3,012,751	8,333,764
Lumber: Total	1900	2,274	44,814,743	18,365	8,320,604	1,721,391	27,545,491	45,523,234
	1890	2,274	45,509,401	27,160	11,180,221	2,371,739	28,561,204	59,925,720
Lumber and timber products	1900	1,765	21,873,203	6,850	2,737,361	523,407	9,038,425	15,766,977
	1890	1,734	21,430,739	12,981	3,369,484	1,028,246	8,865,653	17,160,547
Lumber, planing mill products, including sash, doors, and blinds.	1900	509	22,941,510	11,515	5,583,243	1,197,987	18,507,066	29,756,257
	1890	540	24,078,662	14,179	7,810,737	1,343,493	19,695,551	33,765,173
Millinery and lace goods	1900	393	7,720,991	11,274	4,031,573	1,139,237	11,177,259	21,037,782
	1890	165	3,845,161	6,038	2,754,089	513,469	4,671,761	10,803,361
Musical instruments: Total	1900	193	14,313,495	7,244	4,200,754	1,194,288	6,868,284	15,509,839
	1890	211	11,091,456	7,142	5,025,059	685,269	6,160,196	15,718,919
Musical instruments and materials, not specified	1900	58	1,146,213	448	237,495	52,116	305,749	763,403
	1890	81	277,821	309	163,143	38,845	190,802	588,834
Musical instruments, organs and materials	1900	17	269,336	151	101,900	17,858	119,339	326,517
	1890	23	549,473	321	220,887	27,212	257,201	670,017
Musical instruments, pianos and materials	1900	118	12,897,946	6,650	3,861,359	1,124,314	6,443,196	14,419,914
	1890	107	10,264,162	6,512	4,641,029	619,212	5,706,193	14,455,068
Paper and wood pulp	1900	179	37,349,390	9,268	4,099,771	2,398,994	14,563,222	26,715,628
	1890	153	17,124,359	5,339	2,234,747	1,417,066	8,061,038	14,192,240
Patent medicines and compounds	1900	392	12,809,437	2,885	1,182,657	5,845,921	4,914,438	17,075,937
	1890	227	4,565,538	1,467	615,669	2,003,686	2,202,079	8,032,938
Petroleum, refining	1900	4	16,970,492	2,629	1,306,084	974,321	23,435,357	27,184,524
	1890	9	24,166,205	3,096	1,626,065	576,161	20,979,247	25,786,841
Printing and publishing: Total	1900	2,640	80,588,361	32,948	20,309,991	20,845,531	23,864,449	95,282,051
	1890	2,230	47,569,089	27,587	19,009,061	13,746,517	16,398,183	68,929,001
Book and job	1900	1,412	24,114,794	16,273	9,265,500	4,915,318	8,691,912	31,413,113
	1890	953	17,541,631	13,175	7,876,656	2,413,066	6,692,084	24,191,080
Music	1900	22	987,093	215	119,736	251,297	160,647	853,862
	1890	14	311,430	134	69,298	52,448	55,949	344,850
Newspapers and periodicals	1900	1,206	55,486,474	16,460	10,924,755	15,178,916	14,511,890	62,965,076
	1890	1,263	29,716,028	14,278	11,063,107	11,281,003	9,650,150	44,393,071
Shirts	1900	324	9,526,124	13,565	4,699,177	3,313,052	10,721,902	22,782,302
	1890	377	7,794,695	17,948	5,193,886	1,243,222	7,349,370	17,483,958
Slaughtering: Total	1900	110	15,357,075	3,099	1,846,434	1,274,534	50,523,186	57,431,203
	1890	181	12,605,460	3,744	2,431,142	960,083	67,560,780	76,642,151
Slaughtering and meat packing, wholesale	1900	53	7,309,162	1,530	777,738	520,208	16,980,708	19,624,187
	1890	76	6,740,912	1,922	1,123,539	460,478	29,832,621	34,848,582
Slaughtering, wholesale, not including meat packing	1900	57	8,047,913	1,569	1,068,696	754,326	33,542,478	37,807,106
	1890	105	5,864,548	1,822	1,310,603	499,605	37,728,159	41,793,569
Soap and candles	1900	91	7,669,979	2,020	821,340	2,020,165	7,853,624	12,833,645
	1890	101	4,654,025	1,711	812,809	816,599	5,295,768	9,036,982
Sugar and molasses, refining	1900	14	64,020,999	3,275	1,877,320	2,300,545	86,148,971	90,680,478
	1890	14	3,877,973	610	274,701	246,957	15,272,692	17,157,094

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

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Textiles:								
Total	1900	537	$93,722,819	64,901	$22,672,339	$6,701,209	$50,584,295	$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	8,603	3,308,438	541,841	7,681,097	15,029,218
	1890	15	11,178,342	8,879	3,218,367	399,322	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	10,788,603
	1890	42	13,296,745	8,816	2,448,031	724,405	5,561,251	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	1,454,119	3,636,051
Felt goods	1900	11	2,183,050	735	297,853	114,900	987,380	1,734,136
	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	329,861	167	65,739	18,122	310,783	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	1,376,721
	1890	5	1,444,767	976	323,620	54,233	860,937	1,489,132
Woolen goods	1900	65	7,338,813	4,033	1,399,527	761,841	3,499,864	6,715,005
	1890	91	7,243,380	2,838	946,711	353,245	2,930,932	5,188,020
Worsted goods	1900	7	8,809,890	3,726	1,201,228	241,410	3,406,918	5,958,259
	1890	16	5,615,875	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	6,969,643	21,012,650	51,853,976
Chewing, smoking, and snuff	1900	42	1,757,687	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	4,431,373
Cigars and cigarettes	1900	3,055	20,733,667	26,051	11,157,020	10,655,023	17,380,949	49,028,479
	1890	2,858	23,436,083	28,768	13,157,088	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 $1,380,975,268, 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; flouring 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] One Hundred Years of American Commerce, Vol. II, page 561.
[2] Eighth Census of the United States, Manufactures, Introduction, page lxiv.
[3] Eighth Census of the United States, Manufactures, Introduction, page lxxxiii.
[4] History of American Manufactures, by J. L. Bishop, Vol. II, page 586.
[5] Ibid., pages 587 and 592.
[6] Report of the New York State Department of Labor, 1901.

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 $35,386,048. 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 $1,044,000.

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

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

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

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

[4] History 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 ingrains, 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 9,259 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 woolen 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.

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

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 Rhinelander's 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

[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 113,435, 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

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

[2] History 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 134 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 $17,075,937. 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 $16,104,850. 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 193 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 is 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. 308. 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 353 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. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	78,658	$1,651,210,220	849,056	$408,855,652	$221,886,271	$1,143,791,776	$2,175,726,906
	1890	65,840	1,130,161,195	752,066	370,380,559	122,042,219	871,264,085	1,711,577,671
Per cent of increase		19.5	46.1	12.9	10.4	81.8	31.3	27.1
Albany	1900	1,566	21,328,764	12,389	6,111,059	2,383,917	11,121,501	24,992,021
	1890	1,305	17,270,705	13,011	6,191,299	1,909,304	11,773,241	25,531,486
Per cent of increase		20.0	23.5	[1] 4.8	[1] 1.3	24.9	[1] 5.5	[1] 2.1
Auburn	1900	316	12,810,363	6,530	2,706,948	644,519	5,630,925	10,591,109
	1890	258	11,123,298	5,721	2,220,669	1,899,705	3,783,971	9,634,785
Per cent of increase		22.5	15.2	14.1	21.9	[1] 54.0	48.8	9.9
Binghamton	1900	594	9,295,859	6,106	2,461,084	1,040,419	6,339,365	12,638,547
	1890	704	9,058,651	9,178	3,507,184	907,357	7,659,007	15,040,152
Per cent of increase		[1] 15.6	2.6	[1] 33.5	[1] 29.8	14.7	[1] 17.2	[1] 16.0
Buffalo	1900	3,902	103,939,655	43,422	19,915,817	9,559,245	73,359,466	122,230,661
	1890	3,565	70,707,145	45,911	20,567,769	7,489,363	54,120,611	100,052,298
Per cent of increase		9.5	47.0	[1] 5.4	[1] 3.2	27.6	35.5	22.2
Cohoes	1900	316	11,316,482	8,673	3,140,668	653,130	6,120,342	11,656,130
	1890	212	11,275,137	8,641	2,881,923	741,435	5,739,987	10,856,290
Per cent of increase		49.1	0.4	0.4	9.0	[1] 11.9	6.6	7.4
Elmira	1900	362	7,365,534	4,914	1,965,056	486,960	4,961,635	8,558,786
	1890	539	6,895,180	4,332	1,874,565	538,070	4,593,211	8,844,996
Per cent of increase		[1] 32.8	6.8	13.4	4.8	[1] 9.5	8.0	[1] 3.2
Kingston	1900	344	3,657,551	2,685	1,245,557	327,143	2,560,822	5,280,478
	1890	198	3,251,835	2,238	929,678	323,558	1,730,637	4,009,554
Per cent of increase		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
	1890	287	5,773,354	4,096	1,741,476	472,773	3,521,078	6,964,287
Per cent of increase		[1] 11.8	[1] 9.7	[1] 4.2	[1] 4.4	[1] 25.0	[1] 11.3	[1] 6.7
New York: Total	1900	39,776	921,876,081	462,763	245,021,881	163,170,343	709,109,412	1,371,358,468
	1890	37,163	622,982,074	415,552	236,250,857	78,455,897	538,596,570	1,084,850,236
Per cent of increase		7.0	48.0	11.4	3.7	108.0	31.7	26.4
Brooklyn	1900	10,713	271,375,301	100,881	51,107,604	25,778,955	213,474,921	342,127,124
	1890	10,623	163,887,204	94,660	51,235,463	15,797,608	151,789,433	270,829,734
Per cent of increase		0.8	65.6	6.6	[1] 0.2	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
	1890	25,403	426,113,272	309,144	178,409,209	59,991,710	366,422,722	777,222,741
Per cent of increase		6.9	42.8	11.3	3.5	119.8	26.6	25.5
Queens	1900	1,292	30,271,787	11,836	6,158,656	3,782,132	24,262,945	38,093,141
	1890	575	19,899,700	7,393	4,188,864	1,313,014	14,591,019	24,472,[illegible]
Per cent of increase		124.7	52.1	60.1	47.0	188.0	66.3	55.7
Richmond	1900	603	11,567,183	5,992	3,153,526	1,729,482	7,576,252	15,970,001
	1890	562	13,076,898	4,355	2,417,321	1,353,565	5,793,396	12,350,861
Per cent of increase		7.3	[1] 11.5	37.6	30.5	27.8	30.8	29.5
Oswego	1900	207	7,322,907	3,845	1,543,905	667,109	4,611,975	8,137,950
	1890	249	6,254,200	2,967	1,102,352	684,969	4,604,096	7,482,578
Per cent of increase		[1] 16.9	17.1	29.6	40.1	[1] 2.6	0.2	8.8
Poughkeepsie	1900	377	5,688,058	3,432	1,583,268	411,495	3,475,100	6,826,[illegible]
	1890	303	4,850,650	3,328	1,495,796	311,022	3,200,593	6,254,[illegible]
Per cent of increase		24.4	17.3	3.1	5.8	32.3	8.6	9.2
Rochester	1900	2,616	49,086,212	33,408	13,832,122	9,143,154	32,082,063	69,129,[illegible]
	1890	1,892	46,301,058	28,962	13,144,957	5,613,852	33,320,398	65,091,[illegible]
Per cent of increase		38.3	6.0	15.4	5.2	62.9	[1] 3.7	6.2
Syracuse	1900	1,383	31,358,055	14,917	6,735,177	3,428,671	14,771,128	31,918,[illegible]
	1890	1,246	22,853,424	15,570	6,733,010	2,689,781	14,104,504	29,297,231
Per cent of increase		11.0	37.2	[1] 4.2	(2)	27.5	4.7	9.0
Troy	1900	662	23,531,622	21,564	8,571,923	2,350,664	11,291,740	23,200,[illegible]
	1890	840	24,030,753	23,901	8,291,580	2,837,802	13,150,156	20,248,[illegible]
Per cent of increase		[1] 21.2	[1] 2.1	[1] 9.8	3.4	[1] 17.2	[1] 14.1	[1] 3.6
Utica	1900	733	19,289,502	10,759	4,148,415	2,133,972	9,405,370	19,550,8[illegible]
	1890	565	14,332,510	11,627	3,418,614	992,294	7,790,766	15,615,[illegible]
Per cent of increase		29.7	34.6	[1] 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
	1890	628	10,989,789	10,443	5,073,977	819,340	10,995,699	21,319,017
Per cent of increase		[1] 38.4	19.2	[1] 17.5	[1] 23.4	29.3	[1] 4.0	[1] 8.2
Total for 16 cities	1900	53,794	1,246,178,386	647,948	324,536,949	197,814,749	908,519,652	1,757,105,715
	1890	49,954	887,949,703	605,478	315,425,706	106,186,517	718,681,555	1,440,072,315
Per cent of increase		7.7	40.3	7.0	2.9	86.3	26.4	22.0
Per cent of 16 cities to total for state	1900	68.4	75.5	76.3	79.4	89.2	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 $1,440,072,313 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 $1,371,358,408, 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. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Products. Value.	Products. Rank.	Products. Per cent of total.	Population. Total.	Population. Rank.	Per cent of total.
Total for state	78,658	$1,651,210,220	88,754	849,056	$408,855,652	$221,886,271	$1,143,791,776	$2,175,726,900	-------	100.0	[1]7,263,110	-------	[illegible]
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	-------	[illegible]
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	[illegible]	[illegible]
Albion	58	352,261	68	285	87,245	14,802	203,695	405,774	100	(2)	4,477	[illegible]	[illegible]
Amsterdam	213	10,119,879	257	6,769	2,680,359	584,019	6,424,315	11,502,316	11	0.5	20,929	[illegible]	[illegible]
Athens	16	236,610	20	256	101,207	3,845	178,777	351,540	101	(2)	2,171	[illegible]	[illegible]
Auburn	816	12,810,363	355	6,580	2,706,948	644,549	5,680,925	10,591,109	12	0.5	30,345	12	[illegible]
Baldwinsville	55	821,470	54	349	163,976	69,891	628,762	1,085,262	74	0.1	2,992	91	[illegible]
Ballston Spa	62	3,415,471	65	992	439,183	87,250	2,107,160	3,075,836	37	0.1	3,923	[illegible]	[illegible]
Batavia	126	3,532,968	133	1,773	753,494	219,002	1,425,436	2,993,297	39	0.1	9,189	[illegible]	[illegible]
Binghamton	594	9,295,859	663	6,106	2,461,084	1,040,419	6,339,365	12,638,547	9	0.6	39,647	9	[illegible]
Brockport	39	528,469	48	400	134,792	75,433	480,284	816,208	84	(2)	3,398	[illegible]	[illegible]
Buffalo	3,902	103,939,655	4,280	43,422	19,915,817	9,559,245	78,359,466	122,230,061	2	5.6	352,387	[illegible]	[illegible]
Canandaigua	86	1,338,169	97	579	254,701	267,964	789,719	1,514,576	61	0.1	6,151	[illegible]	[illegible]
Camsteta	52	768,521	56	468	194,202	37,779	463,604	890,365	82	(2)	3,030	[illegible]	[illegible]
Catskill	75	1,579,609	88	903	376,644	74,116	495,860	1,196,543	72	0.1	5,481	[illegible]	[illegible]
Clyde	46	533,305	52	222	97,658	22,441	352,998	557,169	93	(2)	2,507	94	[illegible]
Cohoes	316	11,816,482	327	8,073	3,140,668	653,130	6,120,342	11,636,130	10	0.5	23,910	16	[illegible]
Corinth	23	71,930	28	67	22,411	3,225	40,017	81,722	105	(2)	2,039	101	[illegible]
Corning	138	2,212,109	154	1,965	870,770	109,733	1,429,473	3,061,172	38	0.1	11,061	[illegible]	[illegible]
Cortland	118	2,857,094	130	1,629	715,749	128,044	1,973,877	3,456,262	34	0.2	9,014	[illegible]	[illegible]
Coxsackie	36	499,385	40	353	170,684	40,128	233,367	559,854	92	(2)	2,735	[illegible]	[illegible]
Dansville	78	446,469	92	253	87,944	38,204	246,940	490,007	96	(2)	3,633	[illegible]	[illegible]
Dunkirk	86	4,226,495	89	2,615	1,374,017	324,324	3,084,197	5,393,053	27	0.3	11,616	[illegible]	[illegible]
Ellenville	59	353,768	77	248	88,338	27,767	211,167	413,078	99	(2)	2,879	[illegible]	[illegible]
Elmira	362	7,365,534	392	4,914	1,965,056	486,960	4,961,635	8,558,786	16	0.4	35,672	10	[illegible]
Fairport	33	352,871	31	212	76,064	14,599	205,328	434,683	98	(2)	2,489	[illegible]	[illegible]
Fishkill Landing[3]	38	721,829	41	436	215,324	40,570	361,909	681,038	86	(2)	3,673	[illegible]	[illegible]
Fort Plain	44	457,257	42	321	105,825	19,889	263,494	497,154	95	(2)	2,444	[illegible]	[illegible]
Fredonia	41	514,975	50	210	68,363	34,789	217,440	462,455	97	(2)	4,127	[illegible]	[illegible]
Fulton	68	1,910,181	74	730	301,017	118,084	905,316	1,607,954	61	0.1	5,281	[illegible]	[illegible]
Geneva	161	2,617,661	169	1,586	689,101	235,472	1,913,634	3,366,806	35	0.2	10,433	[illegible]	[illegible]
Glens Falls	162	4,474,907	203	3,280	1,033,416	200,980	2,230,408	4,571,253	29	0.2	12,613	[illegible]	[illegible]
Gloversville	312	5,740,327	403	8,111	2,536,853	271,152	5,518,391	9,647,167	14	0.4	18,349	[illegible]	[illegible]
Green Island	46	2,472,997	50	933	470,980	105,568	1,029,273	1,992,098	55	0.1	4,770	[illegible]	[illegible]
Hadley	6	101,297	7	72	24,578	1,527	32,018	75,822	106	(2)	914	104	[illegible]
Haverstraw	110	1,306,295	131	1,174	510,864	177,327	405,601	1,366,158	66	0.1	5,935	[illegible]	[illegible]
Herkimer	73	1,836,979	79	1,844	515,627	159,725	940,818	2,053,605	52	0.1	5,555	[illegible]	[illegible]
Homer	36	495,611	42	280	108,274	16,750	275,992	622,890	88	(2)	2,381	[illegible]	[illegible]
Hoosick Falls	57	3,070,843	58	1,405	669,893	200,366	1,031,421	2,734,861	44	0.1	5,671	[illegible]	[illegible]
Hornellsville	154	1,952,072	187	1,757	680,974	174,055	1,515,287	2,873,670	43	0.1	11,918	[illegible]	[illegible]
Hudson	144	2,357,304	158	1,403	591,430	365,163	1,495,636	3,096,759	36	0.1	9,528	[illegible]	[illegible]
Ilion	47	2,172,209	57	1,946	1,185,975	230,485	564,422	2,944,655	42	0.1	5,188	[illegible]	[illegible]
Ithaca	194	2,998,057	231	1,286	631,984	149,945	1,114,845	2,535,151	46	0.1	13,136	[illegible]	[illegible]
Jamestown	178	8,552,470	214	4,685	1,800,192	583,097	4,096,302	8,218,922	17	0.4	22,892	[illegible]	[illegible]
Johnstown	214	3,695,819	293	3,884	1,248,587	300,845	3,130,043	5,480,072	26	0.3	10,130	[illegible]	[illegible]
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	[illegible]
Lansingburg	127	2,957,650	155	2,940	1,128,803	340,563	1,598,204	3,778,277	33	0.2	12,595	[illegible]	[illegible]
Leroy	62	1,955,988	59	430	158,232	202,162	497,716	1,137,210	73	0.1	3,144	[illegible]	[illegible]
Lestershire	40	1,577,367	39	1,891	712,333	115,039	2,941,777	3,964,112	31	0.2	3,111	[illegible]	[illegible]
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	[illegible]	[illegible]
Lockport	243	6,250,709	284	2,699	1,217,672	398,660	3,327,109	5,887,905	25	0.3	16,581	[illegible]	[illegible]
Lyons	80	713,840	93	288	119,395	45,061	546,390	881,939	88	(2)	4,300	[illegible]	[illegible]
Malone	116	593,853	136	508	201,364	32,610	581,929	985,797	77	0.1	5,935	[illegible]	[illegible]
Matteawan	43	1,119,745	42	785	322,633	77,365	643,749	1,224,025	71	0.1	5,807	[illegible]	[illegible]
Mechanicsville	66	2,652,410	80	1,150	505,732	261,641	1,014,400	2,186,005	49	0.1	4,695	[illegible]	[illegible]
Medina	54	786,744	63	568	217,835	31,675	510,854	1,032,632	75	0.1	4,716	[illegible]	[illegible]
Middletown	108	2,060,834	125	1,553	650,123	97,252	1,443,489	2,426,001	47	0.1	14,522	[illegible]	[illegible]
Mt. Morris	51	341,799	58	247	76,412	25,711	313,038	510,129	94	(2)	2,410	[illegible]	[illegible]
Newark	77	555,332	98	361	123,393	51,418	517,257	900,974	81	(2)	4,578	[illegible]	[illegible]
Newburg	253	5,214,536	266	3,926	1,665,177	354,456	3,123,590	6,497,088	22	0.3	24,943	[illegible]	[illegible]
New Rochelle	131	3,337,269	140	715	457,658	118,898	838,829	1,811,332	56	0.1	14,720	[illegible]	[illegible]
New York	39,776	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	[illegible]
Niagara Falls	265	14,821,819	255	3,518	1,690,195	862,125	5,511,437	9,909,228	13	0.5	19,457	[illegible]	[illegible]
North Tonawanda	75	5,026,841	73	1,718	786,639	282,107	4,321,875	6,445,836	23	0.3	9,069	[illegible]	[illegible]
Norwich	109	1,308,688	117	799	330,166	115,134	801,821	1,556,696	63	0.1	5,766	[illegible]	[illegible]
Nyack	88	796,587	92	719	364,533	85,233	661,966	1,321,237	68	0.1	4,275	[illegible]	[illegible]

[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.

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Ogdensburg	197	$1,855,116	207	1,052	$404,955	$103,096	$1,661,759	$2,668,952	45	0.1	12,633	29	0.2
Olean	152	5,915,740	167	2,011	935,932	274,447	5,009,818	6,624,390	21	0.3	9,462	41	0.1
Oneida	104	1,301,431	121	790	336,266	149,576	842,851	1,613,572	60	0.1	6,364	53	0.1
Oneonta	111	1,892,250	123	887	397,815	118,861	1,308,549	2,118,452	50	0.1	7,147	51	0.1
Ossining[1]	137	1,357,816	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	8,137,950	18	0.4	22,199	18	0.3
Owego	82	1,023,961	94	402	183,524	38,602	780,769	1,261,161	69	0.1	5,039	63	0.1
Peekskill	153	1,712,335	171	1,524	751,833	121,718	1,024,282	2,339,370	48	0.1	10,358	38	0.1
Penn Yan	84	822,142	103	382	129,889	49,975	542,395	915,542	80	(2)	4,650	67	0.1
Plattsburg	131	2,210,045	139	852	306,284	102,839	716,467	1,455,150	65	0.1	8,434	46	0.1
Port Chester	79	3,024,814	81	1,569	646,202	64,231	2,700,829	3,840,732	32	0.2	7,440	49	0.1
Port Jervis	88	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	0.3	24,029	15	0.3
Rensselaer[3]	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	9,143,154	32,082,063	69,129,820	3	3.2	162,608	3	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	1,302,602	1,764,476	58	0.1	4,251	76	0.1
Sandy Hill	50	3,999,674	54	939	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	939	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	73,690	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	611,630	136,941	840,702	1,992,115	54	0.1	6,519	52	0.1
Silver Creek	27	626,396	27	298	146,716	53,930	217,842	563,662	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
Tarrytown	77	467,707	81	375	207,453	35,930	327,608	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	23,531,622	785	21,564	8,571,923	2,350,664	11,291,740	28,209,259	5	1.3	[4]60,651	6	0.8
Utica	733	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	1,947,381	33	944	448,815	23,858	450,623	972,838	78	(2)	3,504	83	(2)
Warsaw	48	3,285,826	44	329	131,611	61,757	296,820	631,627	89	(2)	3,048	89	(2)
Waterford	58	2,593,021	68	1,021	773,786	152,450	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	8,281,845	302	3,760	1,821,477	455,916	4,152,344	7,881,977	19	0.4	21,696	19	0.3
Watervliet[5]	135	1,826,601	186	1,167	460,352	154,118	849,934	1,809,241	57	0.1	14,321	27	0.2
Waverly	90	477,724	98	295	112,332	40,780	359,246	656,784	87	(2)	4,465	71	0.1
Wellsville	64	1,344,438	85	351	131,835	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	643,228	53	403	125,816	37,346	320,424	596,971	90	(2)	4,377	72	0.1
Yonkers	387	13,097,205	404	8,615	3,888,892	1,059,522	10,555,218	19,580,324	7	0.9	47,931	8	0.7
Total for state exclusive of urban manufactures	16,091	202,291,453	17,030	87,476	36,460,147	10,782,257	116,376,962	200,687,812	-------	9.2	2,048,342	-------	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 Sing Sing in 1890.
[2] Less than one-tenth of 1 per cent.
[3] Given as Greenbush in 1890.
[4] 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.
[5] 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, 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.

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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	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,[illegible]
2	Albany	2,251	39,188,293	3,211,757	7,236,825	9,591,313	19,093,398	2,427	1,350	1,523,001	24,528	10,767,[illegible]
3	Allegany	447	3,122,687	275,004	500,355	806,986	1,540,292	522	106	94,011	1,184	454,[illegible]
4	Broome	868	12,550,516	861,441	1,520,714	3,488,614	6,679,747	948	620	556,274	8,518	3,392,[illegible]
5	Cattaraugus	691	13,787,844	903,939	1,571,572	2,752,125	8,560,208	750	299	243,595	4,648	2,000,[illegible]
6	Cayuga	615	18,965,545	684,705	1,899,610	1,985,533	9,395,697	704	374	348,996	6,940	2,861,[illegible]
7	Chautauqua	781	16,740,821	1,226,465	2,311,871	3,747,018	9,455,467	904	711	765,661	9,320	3,934,[illegible]
8	Chemung	466	8,922,688	608,501	1,213,733	2,240,799	4,859,655	497	370	337,064	5,590	2,251,[illegible]
9	Chenango	460	2,491,161	137,140	437,715	699,876	1,216,430	486	124	103,446	1,501	607,[illegible]
10	Clinton	339	4,664,229	707,751	950,071	1,109,961	1,896,446	371	127	145,315	2,143	754,[illegible]
11	Columbia	392	7,592,208	770,839	1,228,152	1,826,629	3,766,588	415	230	222,867	4,211	1,630,[illegible]
12	Cortland	301	4,373,458	299,594	720,512	960,419	2,392,933	340	176	171,653	2,332	989,[illegible]
13	Delaware	418	3,026,809	409,464	568,270	947,031	1,102,044	445	105	105,189	1,310	537,[illegible]
14	Dutchess	769	11,470,138	727,942	1,951,318	2,829,504	5,961,374	848	351	480,913	6,987	3,211,[illegible]
15	Erie	4,492	116,397,404	12,655,725	18,042,579	34,368,404	51,330,696	4,920	4,455	3,961,107	48,331	22,167,[illegible]
16	Essex	190	5,090,566	1,076,533	890,334	1,365,467	1,758,232	191	101	118,009	1,525	622,[illegible]
17	Franklin	361	5,762,802	3,200,524	409,693	594,607	1,557,978	405	84	55,462	1,519	667,[illegible]
18	Fulton	655	10,601,175	517,770	924,695	1,542,968	7,615,742	856	409	384,928	13,029	4,104,[illegible]
19	Genesee	321	6,047,584	470,035	1,107,571	1,026,741	3,443,237	342	369	288,535	2,453	1,001,[illegible]
20	Greene	321	2,788,161	348,123	685,191	811,651	943,196	360	80	72,721	1,707	727,[illegible]
21	Hamilton	27	96,788	17,935	15,075	26,860	36,918	36	.....	.....	30	9,[illegible]
22	Herkimer	529	11,201,228	868,366	1,754,292	2,764,051	5,814,519	562	293	342,380	7,908	3,416,[illegible]
23	Jefferson	903	12,773,758	1,517,618	2,019,023	3,750,417	5,486,700	974	403	392,384	5,436	2,514,[illegible]
24	Kings	10,713	271,375,301	31,640,913	40,350,331	61,067,106	138,316,951	11,708	7,332	9,389,992	100,881	51,107,[illegible]
25	Lewis	336	3,878,282	835,015	539,080	851,090	1,653,097	364	69	89,872	1,129	4[illegible]
26	Livingston	351	8,945,950	5,262,244	1,213,744	909,424	1,560,538	407	82	99,126	1,191	4[illegible]
27	Madison	456	3,811,183	233,916	651,730	776,702	2,148,835	501	187	157,704	2,092	827,[illegible]
28	Monroe	2,986	53,459,730	3,941,871	6,752,727	12,091,904	30,673,228	3,228	3,466	3,447,762	35,687	14,684,[illegible]
29	Montgomery	456	13,304,642	795,656	1,776,271	3,400,572	7,332,143	504	305	321,767	8,864	3,464,[illegible]
30	Nassau	321	3,433,224	726,253	817,274	766,378	1,123,319	349	50	55,891	1,675	767,[illegible]
31	New York	27,168	608,661,810	61,263,277	54,918,159	136,700,098	355,780,276	32,242	39,428	44,575,510	344,054	184,602,[illegible]
32	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,[illegible]
33	Oneida	1,521	33,079,437	1,748,772	5,068,963	9,113,087	17,149,515	1,684	1,270	1,191,197	18,860	7,046,[illegible]
34	Onondaga	1,863	43,551,892	3,914,672	8,466,735	12,353,249	18,817,236	2,021	1,798	1,845,857	20,085	9,011,[illegible]
35	Ontario	474	5,779,564	312,118	812,365	1,094,438	3,560,643	517	281	271,163	2,871	1,[illegible]
36	Orange	890	13,955,179	1,896,186	2,545,263	3,503,230	6,010,500	942	570	583,999	9,754	4,031,[illegible]
37	Orleans	317	1,766,717	302,572	305,820	419,329	738,996	377	65	51,146	1,412	[illegible]
38	Oswego	659	15,052,361	1,164,971	2,303,412	3,871,927	7,712,051	688	440	552,613	6,757	2,[illegible]
39	Otsego	571	3,808,529	190,760	568,224	976,854	2,072,691	638	130	92,054	2,096	[illegible]
40	Putnam	81	1,253,734	112,025	286,211	308,758	551,740	87	18	17,276	811	[illegible]
41	Queens	1,292	30,271,787	3,553,186	5,373,216	7,003,883	14,341,502	1,341	774	1,059,807	11,836	6,[illegible]
42	Rensselaer	1,105	33,213,946	1,908,441	4,969,738	6,526,648	19,809,119	1,288	1,218	1,475,093	27,927	11,[illegible]
43	Richmond	603	11,567,183	1,592,026	2,189,564	2,236,799	5,548,794	631	477	620,155	5,992	3,[illegible]
44	Rockland	315	7,043,571	531,693	1,417,028	1,699,246	3,395,604	349	206	208,547	4,616	2,[illegible]
45	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,[illegible]
46	Saratoga	550	16,615,963	1,494,217	3,380,971	4,767,810	6,972,905	597	406	482,090	7,390	3,[illegible]
47	Schenectady	444	14,409,716	868,725	1,657,652	2,472,104	9,411,235	480	352	322,767	9,702	5,[illegible]
48	Schoharie	251	1,053,933	173,775	232,185	316,587	331,386	288	31	20,835	590	[illegible]
49	Schuyler	159	2,605,392	248,909	762,381	486,373	1,107,729	174	38	46,772	450	[illegible]
50	Seneca	181	4,414,481	271,684	912,513	854,171	2,376,113	186	160	167,119	2,223	[illegible]
51	Steuben	783	8,755,887	945,161	1,503,013	1,691,060	4,616,653	895	402	369,880	5,293	2,[illegible]
52	Suffolk	550	6,552,492	504,931	917,017	1,220,982	3,909,562	616	195	221,050	2,897	1,[illegible]
53	Sullivan	302	1,198,266	206,225	224,225	312,982	454,834	334	23	14,173	624	[illegible]
54	Tioga	279	2,277,052	117,491	254,643	556,596	1,348,322	317	110	75,417	964	[illegible]
55	Tompkins	383	6,365,873	745,901	1,621,445	1,401,348	2,597,179	432	194	153,150	1,840	[illegible]
56	Ulster	817	9,553,501	1,675,086	1,571,163	2,415,155	3,892,097	911	342	358,667	6,469	2,[illegible]
57	Warren	285	5,510,160	876,546	1,000,849	1,273,942	2,358,823	362	186	156,385	4,153	1,[illegible]
58	Washington	397	8,949,513	1,217,137	1,426,745	2,787,518	3,518,113	404	222	258,371	3,270	1,[illegible]
59	Wayne	660	3,765,700	301,210	719,017	751,714	1,993,759	746	210	138,330	1,777	[illegible]
60	Westchester	1,411	30,188,513	3,662,722	3,639,632	9,309,236	13,576,953	1,481	981	1,172,675	16,988	8,[illegible]
61	Wyoming	340	5,838,061	662,983	2,216,133	1,389,839	1,569,106	382	156	161,523	1,884	[illegible]
62	Yates	158	1,244,148	112,460	218,465	350,578	562,645	195	78	45,413	597	[illegible]

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,[illegible]
2	Agricultural implements	87	20,115,962	634,917	2,262,183	1,618,470	15,600,392	80	659	675,999	5,551	2,797,[illegible]
3	Artificial feathers and flowers	157	2,981,273	34,750	22,300	257,081	2,667,142	229	229	226,841	4,019	1,257,[illegible]
4	Artificial limbs	9	97,130	8,000	12,000	32,900	44,230	10	23	18,282	75	49,[illegible]
5	Artists' materials	4	10,906	.....	.....	1,240	9,666	4	1	636	5	3,[illegible]
6	Awnings, tents, and sails	217	847,816	67,450	60,350	135,398	584,618	257	49	38,234	993	531,[illegible]
7	Axle grease	7	142,416	18,000	32,000	13,410	79,006	8	16	16,300	45	15,[illegible]
8	Babbitt metal and solder	11	1,198,422	41,500	74,200	127,705	955,017	19	29	33,084	203	115,[illegible]
9	Bags, other than paper	18	678,300	40,200	21,500	132,500	484,100	17	52	110,548	645	203,[illegible]
10	Bags, paper	18	2,518,200	268,439	314,909	919,652	1,015,200	11	215	217,323	921	332,[illegible]
11	Baking and yeast powders	31	3,887,135	514,350	523,850	305,012	2,543,923	30	70	97,361	234	115,[illegible]

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	$338,030,434	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	$1,120,853,659	$22,938,117	$2,175,726,900	1
16,824	8,444,298	7,147	2,214,198	557	108,896	3,451,590	403,282	203,235	2,594,313	250,760	20,254,280	19,655,727	598,553	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	2,633,029	2,677	742,729	82	16,847	1,212,074	108,751	39,188	1,024,424	39,711	10,536,787	10,390,438	146,349	18,474,305	4
4,074	1,382,091	460	105,786	114	18,645	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	562,851	30,618	6,481,887	6,332,456	149,431	11,963,192	6
7,281	3,442,890	1,731	452,413	308	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	5,766,561	147,685	10,416,608	8
1,198	532,733	290	72,626	18	1,812	171,711	21,567	7,963	109,121	33,060	2,232,596	2,187,001	45,595	3,747,645	9
1,597	643,882	540	108,722	6	705	222,336	17,587	19,308	180,601	4,840	1,781,131	1,686,737	94,394	3,565,081	10
2,671	1,189,159	1,406	416,930	134	24,475	867,321	25,295	30,722	759,643	51,661	4,215,106	4,005,284	209,822	8,184,411	11
1,901	875,720	423	112,192	8	1,267	184,992	17,279	9,833	156,025	1,855	3,057,809	3,008,030	49,869	5,281,895	12
1,065	465,289	229	69,012	16	2,722	154,224	19,400	13,698	107,182	13,944	1,869,559	1,787,848	81,711	3,306,080	13
5,684	2,899,348	1,139	288,451	164	26,444	781,638	146,795	45,832	572,369	16,642	6,691,284	6,246,053	445,231	12,865,438	14
40,715	20,605,546	6,968	1,475,008	648	86,852	9,985,584	983,315	462,524	7,922,220	617,525	81,283,339	79,407,044	1,876,295	134,330,391	15
1,294	574,112	219	46,428	12	1,950	345,379	6,345	31,729	259,597	47,708	1,947,609	1,772,416	175,193	3,385,351	16
1,352	567,203	165	40,001	2	208	136,892	16,012	23,900	95,330	1,650	2,609,981	2,584,064	25,917	4,044,210	17
6,070	2,728,413	6,870	1,362,687	89	13,339	667,167	86,060	28,309	457,629	95,169	9,507,859	9,364,996	142,863	16,670,966	18
1,947	907,626	496	92,832	10	1,184	506,910	27,758	19,469	415,919	43,764	2,286,389	2,213,117	73,272	4,759,546	19
1,292	667,922	366	112,206	49	7,386	182,895	13,548	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	1,004	2,625	40,894	40,464	430	68,806	21
5,593	2,839,064	2,140	550,405	175	27,266	845,361	43,893	55,171	744,687	1,670	6,590,207	6,460,548	129,659	13,430,060	22
4,704	2,355,567	702	151,778	30	4,261	810,643	86,165	40,830	657,883	25,765	7,684,389	7,409,892	274,497	13,738,196	23
77,504	44,681,557	21,563	6,131,684	1,814	294,363	25,778,955	3,053,585	1,244,126	19,001,186	2,480,058	213,474,921	210,168,348	3,306,573	342,127,124	24
1,049	419,710	68	15,255	12	2,268	144,728	10,311	13,640	120,727	50	2,120,072	2,077,170	42,902	3,877,016	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	434	97,697	84	4,787	251,641	24,349	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	34,665,821	631,662	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	16,324,884	29
1,397	702,807	253	60,876	25	3,429	186,251	19,176	17,039	58,569	91,467	1,895,596	1,818,890	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	463,795,294	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	79,520	1,327,184	75,491	14,043,710	12,994,018	1,049,692	23,662,842	32
12,352	6,420,624	5,587	1,476,449	921	149,752	2,908,550	195,105	164,904	2,112,989	435,602	18,852,163	18,302,264	549,899	35,197,339	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	34,403	21,147	531,882	3,546	3,817,360	3,735,425	81,935	6,837,749	35
7,226	3,386,019	2,287	608,821	241	36,708	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	3,477	1,171,215	1,127,854	43,361	2,375,836	37
4,936	2,206,381	1,584	375,605	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	28,566	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	5,701,367	1,516	420,101	301	34,185	3,782,132	182,005	167,599	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	3,096,910	276,855	133,652	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	13,993	1,729,482	78,158	70,466	1,424,113	156,745	7,576,252	7,354,637	221,615	15,970,001	43
4,100	2,010,522	434	109,732	82	14,573	582,422	168,356	36,784	300,857	76,425	2,922,714	2,610,582	312,132	6,730,245	44
3,094	1,340,274	464	118,197	27	4,280	563,687	35,385	43,057	427,829	57,416	6,766,979	6,619,594	147,385	10,822,930	45
5,135	2,388,535	2,138	673,342	117	21,909	994,218	56,591	71,679	800,585	65,363	8,338,611	7,918,469	420,142	15,038,794	46
8,556	5,385,828	1,064	298,185	82	14,999	786,290	52,434	31,227	544,620	158,009	11,109,811	10,866,622	243,189	20,207,473	47
426	161,364	160	35,703	4	362	40,203	8,717	4,190	27,041	255	781,091	757,110	23,981	1,631,156	48
367	146,036	81	19,298	2	220	67,062	10,143	8,174	43,295	450	630,491	580,703	49,788	1,088,041	49
1,821	850,151	375	107,113	27	3,838	803,501	19,510	17,687	765,479	825	1,992,199	1,946,107	46,092	4,456,485	50
4,357	1,890,659	881	208,850	55	24,405	507,987	54,578	31,158	383,369	38,882	5,490,950	5,315,070	175,880	10,254,224	51
2,320	1,280,263	503	130,266	74	11,683	610,724	34,814	18,377	339,693	217,840	3,368,825	3,300,298	68,527	6,710,336	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	807,450	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	5,479,466	5,143,409	336,057	11,345,733	56
2,166	856,175	1,963	444,085	24	3,505	345,913	36,486	38,003	208,574	62,850	2,800,432	2,660,980	139,452	5,713,058	57
2,577	1,103,740	657	172,973	36	5,963	536,136	28,252	34,131	464,191	9,562	4,011,347	3,753,734	257,613	7,313,307	58
1,374	597,124	354	74,883	49	8,135	213,227	20,785	13,636	176,438	2,368	2,822,463	2,744,408	78,055	4,680,877	59
12,349	6,763,954	4,292	1,368,277	347	66,537	1,971,790	236,857	95,703	1,488,848	150,382	19,799,793	19,381,286	418,507	37,688,057	60
1,165	493,476	668	184,110	51	10,115	253,171	22,886	12,288	217,997	----------	2,054,416	1,867,264	187,352	3,759,832	61
465	174,162	125	26,249	7	1,131	67,284	14,726	3,570	48,838	150	862,771	834,210	28,561	1,416,432	62

SPECIFIED INDUSTRIES: 1900.

605,686	$338,030,434	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	$1,120,853,659	$22,938,117	$2,175,726,900	1
5,522	2,790,620	24	6,022	5	627	833,948	6,919	59,652	760,590	6,787	4,824,871	4,659,505	165,366	10,537,254	2
516	269,618	3,376	965,879	127	21,646	331,711	198,815	4,269	91,377	37,250	2,198,956	2,187,643	11,313	5,016,463	3
67	46,070	7	3,080	1	175	37,183	10,787	630	25,366	400	24,167	21,392	2,775	199,744	4
5	3,265	-------	----------	-------	----------	2,890	1,255	24	1,611	----------	8,761	8,646	115	28,277	5
701	424,420	289	106,170	3	505	158,881	69,902	1,816	35,187	51,976	1,503,314	1,493,985	9,329	2,918,777	6
33	13,610	12	2,144	-------	----------	12,997	2,134	455	10,408	----------	93,413	92,701	712	162,114	7
203	115,587	-------	----------	-------	----------	53,593	12,585	3,877	37,131	----------	2,718,869	2,704,318	14,551	3,076,577	8
207	84,756	438	118,886	-------	----------	84,193	22,060	2,198	54,835	5,100	1,697,957	1,692,599	5,358	2,249,600	9
536	232,915	374	97,167	11	2,440	151,429	32,939	3,135	111,355	4,000	2,030,271	2,012,364	17,907	3,350,532	10
109	74,051	123	41,043	2	600	1,117,356	8,557	15,647	1,093,152	----------	2,118,422	2,113,440	4,982	4,587,485	11

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Baskets, and rattan and willow ware	180	$693,188	$49,770	$98,173	$146,972	$398,273	208	31	$23,391	1,059	$313,877
13	Bells	4	110,926	16,500	17,250	32,377	44,799	4	6	5,330	49	26,621
14	Belting 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	1,212	47	25,924	959	458,568
16	Bicycles and tricycles	66	3,326,943	240,167	365,820	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	483,591	8,400	22,124	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	2,919,140
20	Bluing	17	92,735	9,100	8,250	9,760	65,625	21	15	13,620	66	27,885
21	Bookbinding and blank book making	298	5,354,004	57,800	176,217	2,188,241	2,931,746	364	418	501,359	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	210,001	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 repairing.	4,941	1,938,183	193,955	244,780	527,345	972,103	4,937	39	27,932	2,470	1,101,881
26	Boots and shoes, factory product	223	11,988,239	285,835	623,594	2,362,396	8,711,414	264	1,076	1,018,153	15,796	6,138,653
27	Bottling	410	3,512,632	400,005	598,995	671,685	1,841,947	463	188	187,326	1,492	786,882
28	Boxes, cigar	66	800,608	142,400	79,900	231,512	346,796	76	57	51,050	1,198	452,620
29	Boxes, fancy and paper	246	3,725,166	134,955	260,695	1,230,022	2,099,494	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	113,182	1,622	741,295
33	Bread and other bakery products	3,000	19,434,257	2,626,187	3,369,625	7,619,901	5,818,544	3,168	2,081	1,472,513	14,554	7,414,013
34	Brick and tile	217	8,740,660	2,483,682	1,982,756	1,833,949	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	870,100	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	88,195	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	3,308,438
43	Carpets, rag	78	71,627	9,531	13,680	25,486	22,830	80	5	2,422	66	23,203
44	Carpets, wood	11	188,664	----------	----------	17,785	170,879	10	22	20,500	302	216,752
45	Carriage and wagon materials	39	1,387,657	105,950	200,229	362,556	718,922	34	77	77,674	942	356,739
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 companies.	82	11,244,747	1,200,582	2,679,844	2,790,025	4,574,296	--------	448	344,596	13,062	6,763,504
49	Cars and general shop construction and repairs by street railroad companies.	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 products.	20	64,161	4,850	11,391	22,695	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	4,531	2,302,999
55	China decorating	37	97,860	6,300	5,100	22,915	63,545	41	11	6,727	107	45,764
56	Chocolate and cocoa products	11	1,262,758	14,000	65,000	275,170	908,588	15	151	163,958	619	197,290
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	512,039
59	Cloth, sponging and refinishing	26	125,748	----------	----------	61,710	64,038	34	26	20,870	344	180,121
60	Clothing, horse	8	48,389	2,600	950	6,400	38,439	7	3	6,260	61	24,306
61	Clothing, men's, custom work and repairing.	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	1,138,477	1,828,158	47,340,630	3,353	3,542	3,785,990	41,300	19,579,938
63	Clothing, men's, factory product, buttonholes.	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	5,354,667	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	525,480	2,431,648	25,806,827	2,466	4,152	4,097,946	48,717	21,987,836
66	Coffee and spice, roasting and grinding	87	9,405,886	625,315	1,113,681	1,258,680	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	626,367
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	Cooperage	413	4,518,957	409,538	1,044,297	669,281	2,395,841	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	1,292,139
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	66,133
74	Corsets	74	930,479	5,500	34,610	172,048	718,321	86	114	126,463	1,524	461,507
75	Cotton goods	34	14,509,211	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	550,988	12,500	42,000	203,455	292,983	22	42	36,449	600	163,454
77	Cutlery and edge tools	59	1,987,913	171,637	330,749	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	49,810	111	51,800
79	Druggists' preparations, not including prescriptions.	42	3,959,371	366,835	352,665	526,996	2,712,875	47	249	355,008	1,016	411,672
80	Drug grinding	10	729,269	27,000	53,000	74,991	574,278	14	30	38,914	150	66,607
81	Dyeing and cleaning	331	1,442,419	159,342	278,469	381,218	623,390	381	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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
667	$238,634	313	$64,899	79	$10,344	$40,887	$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	84,905	83,042	1,863	148,284	13
553	318,666			5	1,130	140,943	37,023	6,088	97,732	100	2,400,486	2,384,165	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	988,050	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	50,098	3,842,020	16
192	128,069	4	1,364	1	182	128,250	19,793	1,527	103,080	3,850	340,002	335,531	4,471	781,497	17
101	59,041	157	42,450	1	156	146,072	22,205	2,439	121,428		371,225	366,173	5,052	882,360	18
4,895	2,012,055			38	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	1,134,610	128	23,863	721,719	322,660	12,379	344,964	41,716	3,132,118	3,055,949	76,169	9,049,198	21
240	102,229	212	40,464	25	3,757	2[illegible],816	16,139	432	12,084	261	1,208,923	1,203,736	5,187	1,677,661	22
133	61,670	133	28,753			30,145	11,675	15	10,255	8,200	316,819	311,842	4,977	541,755	23
95	49,319	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	31,023		759,896	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	34,435	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
897	468,679	4	1,055	6	1,246	106,014	30,666	8,053	65,295	1,100	1,509,941	1,470,633	39,308	2,495,500	31
1,288	658,495	305	77,412	29	5,388	184,910	54,210	5,018	106,047	19,635	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	48,051,251	33
6,662	2,748,130	1	225	74	16,524	561,721	235,210	53,434	271,552	1,525	1,108,595	315,298	793,297	5,684,320	34
2,183	1,316,219	1	300			188,141	3,482	10,844	172,315	1,500	2,816,797	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
1,780	830,102	742	171,388	120	19,585	184,041	50,844	7,948	112,083	13,166	2,265,682	2,239,957	25,725	4,335,471	37
1,157	464,518	1,349	326,130	141	22,330	110,717	35,932	863	63,322	10,600	943,432	924,034	19,398	2,371,196	38
33	14,288					4,752	2,702		2,050		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	20,579,936	20,487,855	92,081	46,617,814	41
3,911	1,887,556	4,112	1,313,904	580	106,078	541,841	53,200	47,608	425,654	15,379	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	1,391	104,722	43
302	216,752					26,034	12,980		13,054		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	373,299	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	5,051,629	123,033	18,068,385	47
13,013	6,747,126	49	15,378			208,221	3,400	63,721	136,100		8,879,813	8,721,294	158,519	15,191,850	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	5,119	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	2,343	240	1,545		111,793	109,814	1,979	136,835	52
2,035	1,063,837	345	91,917	9	1,327	337,303	31,270	31,715	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	15,994,366	54
50	29,256	52	15,767	5	741	18,348	10,820	239	7,289		69,023	64,441	4,582	201,299	55
281	129,640	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	170,321	2	800			71,772	36,620	200	34,752	200	11,301	6,775	4,526	384,017	59
19	8,256	38	15,550	4	500	7,463	6,120	23	1,320		78,094	77,437	657	140,358	60
10,485	6,237,008	2,613	761,525	85	13,169	3,994,370	1,707,463	41,000	597,884	1,648,023	11,778,039	11,625,372	152,667	31,538,053	61
24,274	14,626,270	16,700	4,908,283	326	45,385	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	123,475	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	1,331,445	1,072,539	15,388	210,293	33,225	5,490,079	5,411,611	78,468	14,915,538	64
19,673	12,307,231	28,751	9,627,931	293	52,734	8,407,495	1,901,971	25,695	2,444,860	4,034,969	56,848,074	56,620,372	227,702	106,892,390	65
945	555,625	553	148,509	43	7,270	1,523,357	123,794	43,131	1,354,347	2,085	18,130,868	18,007,458	123,415	22,470,856	66
938	582,917	309	93,063	3	387	209,597	53,764	9,966	145,331	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	406,595	68
3,548	1,848,905	3,441	791,259	241	33,918	1,753,214	508,544	66,273	1,182,362	2,035	10,683,276	10,510,046	173,230	18,842,148	69
3,068	1,472,670	20	3,810	65	12,320	278,327	45,169	24,314	205,239	3,605	3,830,679	3,787,201	43,478	6,471,782	70
2,080	824,987	1,485	418,405	259	48,747	511,422	75,234	23,903	412,285		6,534,147	6,446,792	87,355	9,790,644	71
35	14,500	27	6,386			24,401	10,735	798	12,618	250	166,280	165,075	1,205	306,866	72
104	48,995	68	17,138			19,945	11,248	12	8,685		290,952	288,389	2,563	466,523	73
172	75,171	1,304	379,001	48	7,185	211,945	65,236	864	145,845		892,271	881,102	11,169	2,000,226	74
4,094	1,412,902	3,761	1,024,845	804	144,647	909,351	24,943	135,327	579,833	169,248	5,257,419	5,034,368	223,051	9,947,986	75
146	70,815	447	92,034	7	1,105	34,497	15,240	905	15,152	3,200	460,870	455,350	5,520	840,017	76
1,443	681,400	83	20,642	49	8,473	114,070	13,843	7,551	82,385	10,291	554,864	512,120	42,744	1,665,644	77
61	37,082	49	14,568	1	150	25,552	3,988	14	20,350	1,200	365,579	363,855	1,724	603,118	78
645	306,868	368	104,259	3	545	665,031	44,359	22,515	598,157		3,731,186	3,641,112	90,074	6,242,481	79
105	58,357	40	8,000	5	250	49,221	16,998	1,033	19,140	12,050	1,152,225	1,141,542	10,683	1,492,763	80
759	404,296	534	171,889	16	3,059	356,703	112,066	9,601	220,776	14,260	560,916	506,667	54,249	2,171,777	81

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
82	Dyeing and finishing textiles	42	$6,230,657	$339,909	$1,935,748	$2,097,541	$2,457,459	50	107	$134,345	3,117	$1,424,578
83	Dye stuffs and extracts	19	2,548,136	567,463	345,504	436,703	1,198,466	7	78	91,680	538	300,832
84	Electrical apparatus and supplies	134	17,697,352	1,301,218	2,442,795	3,092,606	10,860,733	111	1,113	904,201	10,370	5,666,702
85	Electrical construction and repairs	288	1,381,225	55,000	55,150	231,745	1,039,330	335	220	171,758	1,438	927,882
86	Electroplating	121	624,359	6,000	31,646	241,992	344,721	157	44	37,088	796	376,575
87	Emery wheels	8	44,854	2,500	1,000	16,000	25,354	1			16	11,360
88	Enameling and enameled goods	30	2,672,709	312,800	564,885	690,181	1,104,843	35	49	42,725	1,483	537,358
89	Engravers' materials	6	49,466	600	400	13,130	35,336	7	8	17,114	47	25,605
90	Engraving and diesinking	117	257,048	6,300	1,500	126,475	122,773	136	17	19,276	380	192,727
91	Engraving, steel, including plate printing.	97	3,607,505	800,250	164,500	1,223,230	1,419,525	119	118	184,987	1,677	1,153,354
92	Engraving, wood	42	39,316	1,000	4,000	14,985	19,331	47	1	520	63	48,707
93	Envelopes	12	719,448	10,000	50,000	376,082	283,361	6	97	100,471	671	263,526
94	Explosives	5	451,505	40,000	67,475	101,815	242,215	2	19	18,003	35	52,288
95	Fancy articles, not elsewhere specified	166	1,910,797	140,600	145,320	415,522	1,209,355	213	247	184,956	1,865	719,457
96	Felt goods	11	2,183,050	143,500	396,534	528,401	1,114,615	7	41	73,130	735	297,853
97	Fertilizers	32	4,600,559	452,071	720,629	1,012,378	2,415,481	24	192	211,207	1,033	491,898
98	Files	17	226,379	26,700	38,914	82,076	78,689	23	7	7,144	163	78,934
99	Firearms	8	2,057,594	68,451	203,010	663,958	1,122,175	3	90	84,885	1,685	929,999
100	Fire extinguishers, chemical	7	102,288			9,825	92,413	3	22	15,393	22	17,320
101	Fireworks	9	480,707	42,000	95,856	102,330	240,521	4	40	56,295	547	197,089
102	Fish, canning and preserving	9	100,564	17,021	25,553	10,005	47,985	15	7	6,520	66	26,842
103	Flags and banners	13	405,535	300	1,000	44,110	360,125	17	25	30,112	195	64,027
104	Flavoring extracts	94	721,739	27,955	52,951	62,658	578,175	118	165	144,898	250	116,322
105	Flouring and grist mill products	1,513	28,384,858	6,275,068	5,563,206	4,792,699	6,753,890	1,844	888	440,929	2,489	1,284,438
106	Food preparations	123	3,333,760	259,000	753,100	620,909	1,700,751	141	305	309,069	1,712	618,363
107	Foundry and machine shop products	1,352	107,926,155	7,349,084	12,439,853	24,634,682	63,502,536	1,424	4,250	5,079,822	50,173	27,576,739
108	Foundry supplies	5	133,404	21,000	34,600	21,510	56,294	4	10	8,663	29	15,652
109	Fruits and vegetables, canning and preserving.	511	6,649,059	355,910	1,025,624	906,809	4,360,716	589	261	201,025	5,518	1,462,820
110	Fur goods	560	7,299,989	163,600	66,940	318,016	6,751,433	826	659	634,433	4,454	2,486,071
111	Fur hats	15	3,050,381	246,000	476,746	634,112	1,693,523	12	135	224,354	4,133	2,079,454
112	Furnishing goods, men's	270	16,158,628	657,400	1,417,815	1,432,656	12,650,757	412	1,329	1,541,451	21,610	7,299,054
113	Furniture, cabinetmaking, repairing, and upholstering.	1,295	3,581,938	340,530	390,805	462,840	2,387,703	1,491	240	210,954	3,452	2,218,030
114	Furniture, factory product	354	16,436,748	1,582,173	2,134,533	2,197,712	10,522,325	453	1,072	1,208,885	14,481	6,983,087
115	Furs, dressed	40	458,241	65,900	73,050	107,398	211,893	46	25	26,340	470	302,154
116	Galvanizing	5	71,327	6,000	4,000	12,198	49,129	5	10	10,342	41	21,229
117	Gas and lamp fixtures	76	3,112,930	153,050	136,708	772,508	2,050,664	86	290	352,777	2,169	1,183,117
118	Gas and oil stoves	8	437,155			47,934	389,221	9	30	26,505	168	84,237
119	Gas, illuminating and heating	101	171,379,067	23,719,690	24,384,916	91,224,969	32,049,492		1,324	1,320,036	5,381	3,676,712
120	Gas machines and meters	19	809,037	92,106	106,897	156,667	453,367	17	54	58,267	512	295,714
121	Glass	27	2,242,834	242,675	397,004	300,232	1,302,923	17	117	139,698	2,556	1,305,264
122	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
123	Gloves and mittens	244	6,219,227	150,022	330,370	359,687	5,388,148	345	328	294,574	9,889	2,716,223
124	Glue	8	489,001	7,500	55,434	95,285	330,782	8	22	28,446	133	69,165
125	Gold and silver, leaf and foil	52	478,776	68,900	67,650	88,355	253,871	61	21	23,700	586	246,424
126	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	38,624
127	Grease and tallow	44	1,302,494	184,495	281,850	252,426	583,723	53	51	60,898	416	222,349
128	Hairwork	94	502,817	1,550	2,800	26,455	472,012	104	22	19,130	408	155,117
129	Hand knit goods	16	103,795	2,200	2,100	21,975	77,520	20	19	11,650	156	34,369
130	Hand stamps	54	306,699			135,212	171,487	60	21	21,406	253	121,069
131	Hardware	63	2,547,436	128,275	302,107	780,300	1,336,754	65	176	188,956	1,851	812,995
132	Hardware, saddlery	10	682,692	63,000	120,912	156,351	342,429	10	31	32,941	505	195,992
133	Hat and cap materials	28	754,675	35,500	38,500	108,885	571,790	37	24	27,918	610	196,343
134	Hats and caps, not including fur hats and wool hats.	288	2,601,654	79,700	52,300	306,655	2,162,999	409	194	197,119	4,506	1,994,247
135	Hones and whetstones	4	69,736	300	700	4,384	64,352	5	2	1,352	41	19,379
136	Hosiery and knit goods	242	30,208,640	1,194,978	3,944,878	9,001,637	16,062,652	230	805	930,764	26,470	8,964,097
137	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
138	Ice, manufactured	41	2,554,722	341,518	595,070	1,432,701	185,433	17	63	51,789	319	201,391
139	Ink, printing	24	1,083,970	94,800	230,700	159,676	598,794	26	128	153,610	201	122,134
140	Ink, writing	10	431,723	53,000	61,365	47,322	270,036	11	13	26,099	105	47,408
141	Instruments, professional and scientific	99	1,620,866	146,500	152,500	361,864	960,002	119	132	132,488	993	530,088
142	Iron and steel	30	12,183,866	1,715,094	2,494,419	2,711,409	5,262,944	15	238	377,988	5,418	3,062,711
143	Iron and steel, bolts, nuts, washers, and rivets.	8	1,830,763	99,333	319,770	805,759	605,901	10	59	71,466	821	372,856
144	Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,534
145	Iron and steel, forgings	11	952,863	138,606	154,151	297,256	362,850	8	40	46,306	315	204,629
146	Iron and steel, nails and spikes cut and wrought, including wire nails.	12	736,791	82,500	118,535	155,409	380,347	15	27	40,401	348	149,635
147	Ironwork, architectural and ornamental.	203	6,167,239	871,582	882,828	1,236,646	3,176,183	242	342	402,753	4,942	2,936,838
148	Ivory and bone work	23	251,396	7,000	19,000	57,393	168,003	31	22	22,206	306	126,415
149	Japanning	7	9,119		700	3,025	5,394	8			18	10,781
150	Jewelry	250	5,828,008	10,000	37,200	703,221	5,077,587	361	304	304,294	3,022	2,001,816
151	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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
2,895	$1,244,051	636	$166,424	86	$14,103	$210,395	$29,067	$34,749	$140,586	$5,993	$1,402,873	$1,191,735	$210,638	$3,625,882	82
538	300,832					128,447	10,460	10,432	107,555		1,263,843	1,232,277	31,566	2,111,811	83
9,266	5,341,834	1,023	309,044	81	15,824	893,038	110,367	51,717	690,170	40,784	12,538,790	12,304,944	233,846	22,695,024	84
1,421	924,092	5	1,530	12	2,260	193,899	83,154	2,538	86,965	21,242	1,958,439	1,945,831	12,608	4,095,033	85
717	353,974	62	19,667	17	2,934	93,037	49,281	842	40,969	1,945	410,730	389,895	20,835	1,197,716	86
16	11,360					1,842	600	106	1,136		35,774	34,084	1,690	73,897	87
1,185	472,732	213	52,839	85	11,787	35,762	8,548	5,466	19,948	1,800	1,643,392	1,603,654	39,738	2,866,363	88
47	25,605					8,855	4,086	12	4,757		126,254	123,614	2,640	195,029	89
290	183,334	21	6,334	19	3,059	42,253	29,369	170	9,504	3,210	57,922	51,088	6,834	514,630	90
1,039	894,517	594	250,990	44	7,847	248,509	160,836	20,449	52,449	14,775	723,384	712,241	11,093	2,726,644	91
57	47,819	2	320	4	568	20,923	8,092	40	3,241	9,550	13,797	13,485	312	160,982	92
181	100,756	490	162,770			85,826	40,638	786	44,402		657,934	649,800	8,134	1,221,029	93
85	52,288					11,543		1,968	9,575		201,331	196,656	4,675	332,998	94
882	444,194	934	267,108	49	8,155	265,667	86,247	8,630	157,796	14,994	1,359,061	1,339,803	19,258	3,294,529	95
507	228,966	197	62,379	31	6,508	114,900	2,500	7,492	104,908		987,380	955,201	32,179	1,734,136	96
1,033	491,898					317,826	7,410	20,420	289,846	150	1,909,158	1,713,459	195,699	3,147,894	97
163	78,934					10,086	1,993	1,236	6,857		49,688	42,711	6,977	192,917	98
1,650	920,736	29	8,431	6	832	272,496	5,220	10,055	231,221	26,000	459,258	439,096	20,162	1,969,624	99
22	17,320					16,625	1,838	407	13,380	1,000	29,771	29,244	527	103,285	100
367	149,904	142	37,160	38	10,025	27,486	7,750	1,626	16,510	1,600	329,108	326,493	2,615	807,153	101
39	18,424	27	2,418			11,741	1,100	1,056	9,585		134,211	132,486	1,725	197,869	102
88	39,407	77	20,056	30	4,564	55,615	20,220	240	34,955	200	285,518	283,338	2,180	520,950	103
143	79,912	105	35,994	2	416	105,852	27,708	4,021	73,403	720	763,043	759,272	3,771	1,547,828	104
2,404	1,267,340	85	17,098			1,014,018	90,102	119,038	804,578	300	36,523,959	36,232,302	291,657	42,796,340	105
1,138	495,215	567	121,783	7	1,365	660,715	70,225	18,801	570,849	840	4,242,134	4,177,189	64,945	7,405,641	106
49,607	27,425,564	402	118,423	164	32,752	7,390,514	813,842	460,990	4,977,628	1,138,054	41,814,790	40,144,049	1,670,741	96,636,517	107
28	14,840	1	212			2,949	924	787	1,238		30,392	18,996	11,396	76,747	108
2,292	811,564	3,007	623,168	219	28,088	495,478	15,910	17,503	461,802	763	5,592,462	5,452,088	140,374	8,975,321	109
2,702	1,772,239	1,736	711,300	16	2,532	1,208,935	420,370	7,553	483,140	297,872	8,732,323	8,705,049	27,274	15,828,996	110
2,960	1,566,907	1,112	499,772	61	12,785	300,185	11,360	8,792	269,283	10,750	2,607,454	2,542,099	65,355	5,602,458	111
3,075	1,677,767	18,334	5,590,145	201	31,142	1,963,863	361,177	24,770	984,871	593,045	15,865,729	15,782,078	83,651	31,000,834	112
2,988	2,054,901	443	159,454	21	3,675	814,515	348,982	13,185	199,945	252,403	2,894,361	2,856,678	37,683	8,108,237	113
13,992	6,846,566	311	108,881	178	27,640	1,813,548	436,329	61,006	1,154,531	161,682	9,908,514	9,751,867	156,647	23,643,245	114
456	296,510	13	5,344	1	300	30,125	12,180	1,927	16,018		246,602	235,010	11,592	777,227	115
41	21,229					4,380	2,860	340	1,180		149,657	147,722	1,935	221,253	116
2,122	1,171,200	30	8,921	17	2,996	339,409	82,958	24,534	230,191	1,726	1,429,796	1,385,956	43,840	3,853,518	117
168	84,237					46,141	15,660	310	27,274	2,900	414,991	411,246	3,745	628,199	118
5,379	3,675,892	2	820			5,060,906	28,743	1,293,177	3,738,986		5,866,549	5,517,190	349,359	20,917,726	119
498	292,240	14	3,465			50,010	9,372	6,038	34,600		494,152	481,749	12,403	1,061,233	120
2,201	1,239,971	73	17,831	282	47,462	145,505	8,945	8,122	115,369	13,069	899,590	672,432	227,158	2,756,978	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	1,296,958	6,987	1,410,314	63	8,951	341,567	47,115	11,194	197,438	85,820	6,317,033	6,281,008	36,025	10,835,398	123
117	65,065	16	4,100			19,750	5,546	1,124	13,080		572,710	547,656	25,054	743,279	124
273	156,101	301	88,365	12	1,958	19,442	7,938	1,825	9,499	180	829,062	825,047	4,015	1,459,393	125
54	38,624					24,890	9,008	2,840	12,292	750	4,313,818	4,308,124	5,694	4,528,119	126
410	220,633	6	1,716			88,279	9,193	6,779	72,307		1,705,013	1,666,788	38,225	2,300,060	127
89	54,529	319	100,588			106,746	54,836	69	46,600	5,241	306,949	304,497	2,452	861,894	128
14	6,414	142	27,955			8,932	4,975	231	2,595	1,131	47,793	47,669	124	142,086	129
215	107,802	36	12,729	2	508	54,830	21,547	109	28,284	4,890	126,174	122,727	3,447	476,653	130
1,699	778,513	125	29,462	27	5,020	155,244	44,047	8,293	94,304	8,600	1,338,239	1,311,153	27,086	2,929,572	131
434	182,242	27	6,072	44	7,678	52,957	2,990	2,787	47,180		282,104	266,570	15,534	621,574	132
269	123,925	313	69,426	28	2,992	54,321	18,364	2,059	30,648	3,250	1,255,887	1,246,016	9,871	1,751,850	133
2,807	1,461,372	1,691	531,439	8	1,426	347,269	199,011	2,876	126,775	18,547	4,288,588	4,257,495	31,093	8,343,983	134
41	19,379					5,897	2,480	87	3,330		38,626	37,680	946	84,198	135
8,327	3,612,989	17,219	5,180,572	924	170,536	2,199,029	144,387	94,980	1,818,590	141,072	20,218,200	19,924,742	293,458	35,886,048	136
732	334,654	1,315	346,732	51	7,992	228,566	57,197	4,280	122,199	44,890	4,041,852	4,017,274	24,578	5,578,690	137
319	201,394					177,727	31,056	13,813	112,282	20,576	268,695	80,346	188,349	1,051,372	138
196	120,488	5	1,646			108,145	24,486	2,867	80,792		694,585	676,300	18,285	1,417,820	139
60	35,136	45	12,272			42,496	9,085	3,203	30,208		257,976	256,052	1,924	506,336	140
801	488,845	180	38,826	12	2,417	153,508	44,021	6,986	94,254	8,247	437,476	422,405	15,071	1,656,934	141
5,365	3,052,386	35	7,550	18	2,775	503,558	65,531	60,460	369,255	8,312	7,676,155	5,874,846	1,801,309	13,858,553	142
733	352,151	84	19,541	4	1,164	88,986	585	8,336	68,843	11,222	1,178,992	1,142,647	31,345	2,025,995	143
30	31,534					4,211	3,252		959		26,260	25,518	742	87,080	144
315	204,629					60,506	1,420	4,685	54,401		228,296	205,367	22,929	678,109	145
259	130,121	80	17,714	9	1,800	15,512	3,680	4,142	7,680	10	320,636	308,234	12,402	637,978	146
4,895	2,927,351	4	1,567	43	7,020	835,632	117,992	27,368	311,137	379,135	6,877,269	6,781,705	95,564	12,745,249	147
256	116,703	49	9,452	1	260	19,563	10,380	383	7,600	1,200	226,582	222,252	4,330	500,836	148
17	10,570	1	211			2,828	2,010		818		7,375	6,718	657	26,110	149
2,433	1,823,277	457	157,249	132	21,290	474,446	145,844	3,113	240,756	84,733	5,427,002	5,385,676	41,326	10,244,624	150
238	137,638	244	70,782	25	4,736	63,309	22,425	306	20,238	20,340	270,493	265,404	5,089	756,341	151

TABLE 7.—MANUFACTURES BY

	Manufacturing and mechanical industries.	Number of establishments.	Capital. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
152	Kaolin and other earth grinding	24	$5,090,088	$8,280,647	$241,706	$280,914	$1,286,821	19	48	$54,765	201	$95,[illegible]
153	Kindling wood	24	421,343	154,650	83,400	100,843	82,450	31	20	15,036	329	166,[illegible]
154	Labels and tags	13	143,935	----------	----------	81,977	61,958	13	25	47,506	174	79,435
155	Lamps and reflectors	37	1,339,562	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	34	45,761	398	450,634
157	Lasts	19	211,901	650	3,000	88,086	120,165	20	13	15,599	227	118,113
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,[illegible]
160	Leather, tanned, curried, and finished	147	19,062,817	633,849	2,251,812	2,204,338	13,972,818	199	193	264,724	6,530	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,[illegible]
163	Liquors, malt	225	95,057,875	13,022,037	22,686,162	15,843,299	43,506,377	153	1,721	3,673,854	7,424	5,630,[illegible]
164	Liquors, vinous	38	2,157,322	99,695	420,635	185,555	1,451,437	31	104	102,341	244	83,[illegible]
165	Lithographing and engraving	111	12,288,055	325,000	749,386	5,516,626	5,697,043	113	688	958,328	6,335	3,497,[illegible]
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	389	187	196,456	1,758	900,401
168	Lumber and timber products	1,765	21,873,203	8,097,840	1,648,986	3,853,452	8,272,925	2,161	333	270,891	6,850	2,747,[illegible]
169	Lumber, planing mill products, including sash, doors, and blinds.	509	22,941,540	2,564,841	2,882,382	3,687,736	13,806,581	648	860	857,588	11,515	5,583,243
170	Malt	57	13,656,870	2,624,808	4,302,968	1,012,843	5,716,251	47	94	120,722	756	363,[illegible]
171	Mantels, slate, marble, and marbleized	7	603,042	55,000	20,500	34,300	493,242	7	55	56,361	287	201,[illegible]
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	4,131,[illegible]
173	Masonry, brick and stone	905	12,915,072	1,189,466	917,540	1,499,418	9,308,648	1,089	573	675,548	16,634	10,391,[illegible]
174	Matches	3	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	3,000	169	82,940
176	Mattresses and spring beds	152	1,359,855	31,416	58,186	166,908	1,103,345	181	155	174,161	1,303	619,377
177	Millinery and lace goods	393	7,720,991	53,950	67,350	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,[illegible]
179	Mineral and soda waters	525	5,925,536	928,313	909,667	2,377,733	1,649,823	616	352	320,377	2,400	1,319,185
180	Mirrors	36	1,456,184	10,800	31,200	188,349	1,225,835	59	95	108,938	944	522,678
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	331,851	287,739	1,672,770	517	104	88,436	1,523	988,[illegible]
183	Mucilage and paste	16	188,169	12,300	23,800	46,840	105,229	14	39	31,626	79	37,5[illegible]
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	3,861,[illegible]
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,[illegible]
189	Oil, lard	3	218,773	15,000	15,000	13,516	175,257	3	14	14,142	47	25,[illegible]
190	Oil, linseed	9	4,084,574	803,786	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	803	326,[illegible]
193	Optical goods	82	2,392,243	90,700	249,867	561,631	1,490,045	107	255	183,900	1,494	703,[illegible]
194	Painting, house, sign, etc	2,742	5,505,827	595,255	669,466	807,996	3,432,610	3,167	326	222,417	11,499	8,541,[illegible]
195	Paints	82	11,818,449	2,129,678	1,095,653	1,495,299	6,597,819	34	505	717,339	2,173	1,175,[illegible]
196	Paper and wood pulp	179	37,349,390	6,389,909	7,880,814	12,239,407	10,839,260	129	604	858,662	9,268	4,099,771
197	Paper goods, not elsewhere specified	64	3,937,106	292,246	515,754	885,207	2,243,899	71	302	386,618	1,972	740,[illegible]
198	Paper hanging	103	921,262	30,375	91,310	142,841	656,736	118	64	65,447	651	334,[illegible]
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,[illegible]
200	Paper patterns	6	192,239	30,025	70,200	21,075	70,939	3	86	58,452	625	189,[illegible]
201	Patent medicines and compounds	392	12,809,437	1,193,270	1,765,640	1,029,901	8,820,626	364	1,379	1,471,594	2,885	1,182,[illegible]
202	Paving and paving materials	168	12,454,065	5,150,570	706,540	1,932,318	4,664,637	164	273	298,555	4,691	2,169,[illegible]
203	Pencils, lead	3	1,493,381	131,500	119,000	126,000	1,116,881	1	46	69,602	1,415	492,[illegible]
204	Pens, fountain and stylographic	9	261,670	----------	----------	25,175	236,495	8	49	56,834	105	48,[illegible]
205	Pens, gold	14	307,734	----------	----------	88,856	218,878	17	39	45,672	302	194,[illegible]
206	Perfumery and cosmetics	85	1,870,160	62,100	126,750	208,136	1,473,174	93	340	416,162	707	232,[illegible]
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,[illegible]
208	Phonographs and graphophones	3	77,800	----------	----------	46,600	31,200	1	2	5,000	66	38,[illegible]
209	Photographic apparatus	21	1,223,188	46,800	164,720	196,353	815,315	11	91	67,373	1,412	539,[illegible]
210	Photographic materials	31	2,377,764	95,052	397,906	635,340	1,249,466	26	140	140,025	670	287,[illegible]
211	Photography	927	2,021,706	115,975	147,343	912,872	845,516	1,028	169	131,417	1,407	710,[illegible]
212	Photolithographing and photoengraving.	56	544,542	----------	----------	274,405	270,137	73	133	126,664	719	557,[illegible]
213	Pickles, preserves, and sauces	98	1,726,651	231,925	249,242	390,138	855,346	112	205	216,122	910	361,[illegible]
214	Pipes, tobacco	39	672,415	2,100	2,900	107,455	559,960	46	80	73,289	854	483,[illegible]
215	Plastering and stucco work	152	676,141	41,100	33,050	123,325	478,666	212	39	41,540	1,108	880,[illegible]
216	Plated and britannia ware	13	1,122,989	21,455	78,364	309,124	714,046	17	118	94,578	880	359,[illegible]
217	Plumbers' supplies	43	1,517,419	190,220	165,800	357,243	804,156	32	136	158,996	695	381,[illegible]
218	Plumbing, and gas and steam fitting	2,491	11,192,264	1,148,699	1,248,409	1,209,197	7,585,959	2,958	707	568,504	12,677	8,215,[illegible]
219	Pocketbooks	52	385,296	13,510	44,150	31,196	296,440	65	71	52,526	636	252,[illegible]
220	Pottery, terra cotta, and fire-clay products.	52	4,102,667	908,764	1,163,615	641,221	1,389,067	43	176	200,468	2,270	872,[illegible]
221	Printing and publishing, book and job	1,412	24,114,794	702,910	920,352	12,155,818	10,335,714	1,656	1,879	1,945,692	16,273	9,265,[illegible]
222	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,[illegible]
223	Printing and publishing, newspapers and periodicals.	1,206	55,486,474	3,977,982	3,944,294	15,564,120	32,000,078	1,107	7,415	9,096,420	16,460	10,924,[illegible]
224	Printing materials	20	345,847	300	300	143,156	202,091	14	24	28,247	137	76,[illegible]
225	Pulp goods	9	1,434,893	17,475	112,044	231,310	1,074,064	2	35	50,704	376	161,[illegible]
226	Pumps, not including steam pumps	18	84,884	15,129	31,450	17,575	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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
201	$895,947					$43,908	$3,750	$5,707	$32,852	$1,599	$275,878	$259,136	$16,737	$587,287	152
289	153,663	35	$11,516	5	$1,450	34,256	15,836	6,181	12,239		264,406	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	82,202	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	926,284	918,293	12,941	2,350,587	155
376	444,676	14	4,571	8	1,887	66,886	20,583	4,843	40,751	709	4,514,539	4,506,513	8,026	5,500,861	156
227	118,113					36,278	13,018	292	22,963		100,344	95,732	4,612	354,708	157
91	48,710	2	600			55,521	13,240	1,735	40,546		1,468,727	1,456,671	12,056	1,773,228	158
1,815	850,784	1,044	293,884	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	558,470	89,090	50,148	468,232	1,000	17,424,300	17,254,947	169,353	23,205,991	160
3,861	1,748,174	6	2,360	18	2,678	635,461	59,274	56,884	518,953	350	2,408,569	1,817,623	590,946	6,188,342	161
61	26,361	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	566,136	26,290,528	4,500	11,418,383	10,519,578	898,805	56,137,854	163
220	70,473	24	3,991			132,891	1,925	6,172	124,794		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	1,134,581	88,532	3,790,350	3,703,786	86,564	11,062,856	165
310	180,482	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	340,356	175,383	7,247	147,829	9,897	1,749,925	1,730,835	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	1,560	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	156,223	29,756,257	169
756	363,198					326,542	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		250,892	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	12,354,313	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			11,676		1,563	10,113		95,905	92,881	3,024	232,700	175
1,023	521,736	272	96,608	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
2,349	1,308,539	25	5,859	26	4,787	662,390	140,583	43,329	478,478		1,835,426	1,780,701	54,635	5,794,438	179
860	509,388	71	19,840	18	2,460	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	230,173	216,596	13,577	983,642	181
1,521	988,462			2	500	201,279	49,114	10,633	77,875	63,657	1,865,997	1,845,207	20,790	4,018,349	182
62	33,287	7	1,910	10	2,300	44,199	9,272	778	34,149		140,992	136,918	4,074	312,381	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	9,321	100	119,339	116,133	3,206	326,517	185
6,476	3,831,639	15	4,055	159	25,665	1,124,314	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	3,460	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	29,876		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	135,347	8	1,958	1	312	103,410	28,081	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	1,064,946	1,046,581	17,465	2,653,020	193
11,394	8,510,642	63	23,058	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	815,946	99,494	66,984	650,468	5,000	8,341,936	8,223,023	121,913	12,543,825	195
8,811	3,995,068	451	103,060	6	1,643	2,398,994	86,628	181,954	2,036,983	99,429	14,563,222	13,124,270	1,438,952	26,715,628	196
973	476,583	956	257,931	43	6,485	444,888	91,498	16,741	317,344	19,300	2,747,199	2,701,683	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	588,047	6,322	1,336,561	198
1,807	1,003,704	249	74,737	72	14,934	252,558	101,155	20,972	123,007	7,424	2,534,088	2,460,634	73,454	4,812,288	199
64	57,495	561	132,069			22,037	6,600	1,822	13,615		86,547	86,087	460	388,675	200
1,309	736,309	1,559	443,488	17	2,860	5,845,921	170,091	63,817	5,559,117	52,896	4,914,438	4,843,081	71,357	17,075,987	201
4,688	2,169,426			8	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	179,798	184	21,716	191,382	720	13,289	177,373		755,549	747,060	8,489	1,581,351	203
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	235,550	233,714	1,836	524,079	204
274	181,517	28	10,106			27,846	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	3,219,465	206
2,612	1,302,942	9	1,803	8	1,339	974,321		142,423	831,898		23,435,357	22,934,238	501,119	27,184,524	207
56	34,672	10	4,090			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	366,755	10,434	1,236,342	209
426	226,510	240	60,417	4	695	201,847	12,069	5,658	174,677	9,443	1,446,405	1,417,153	29,252	2,950,534	210
1,096	569,708	372	136,040	29	5,203	475,883	340,625	4,383	118,772	12,053	1,036,764	1,013,213	23,551	3,626,088	211
694	544,797	14	10,823	11	2,110	94,067	52,389	371	34,932	6,375	223,542	209,698	13,844	1,178,579	212
535	262,411	364	97,232	11	1,720	379,797	76,626	7,299	295,872		2,199,438	2,174,382	25,056	3,610,246	213
700	425,481	146	56,420	8	1,570	85,590	31,134	157	43,159	11,140	807,607	797,548	10,059	1,690,830	214
1,070	867,849	30	10,516	8	1,650	102,128	50,465	2,496	22,798	26,369	376,514	371,709	4,805	1,737,124	215
729	313,194	145	45,463	6	990	104,399	15,427	2,090	86,742	140	562,853	550,065	12,788	1,562,049	216
683	380,347	10	3,560	2	686	146,978	34,333	10,079	85,580	16,986	1,068,771	1,051,955	16,816	2,048,957	217
12,572	8,222,514	3	1,041	102	22,284	1,121,886	589,683	37,623	357,709	136,871	15,612,376	15,466,026	146,350	31,947,275	218
439	201,628	170	47,825	27	3,161	49,736	18,794	792	27,988	2,162	491,610	488,643	2,967	1,030,591	219
1,908	781,208	341	88,929	21	2,446	334,157	10,939	25,629	296,589	1,000	522,408	314,594	207,814	2,389,449	220
13,314	8,279,319	2,642	932,932	317	53,249	4,915,318	1,071,530	46,636	1,543,232	2,253,920	8,691,912	8,387,686	304,226	31,413,113	221
190	110,066	23	9,240	2	430	251,297	37,387	250	40,234	173,426	160,647	156,569	4,048	853,862	222
13,304	9,861,947	2,849	1,018,564	307	44,244	15,178,916	1,175,060	241,097	7,877,636	5,885,123	14,511,890	13,950,883	561,007	62,965,076	223
129	73,874	8	2,530			30,017	16,628	417	12,972		154,490	149,517	4,973	384,180	224
350	156,700	26	4,335			45,105	7,100	1,781	36,224		293,003	277,695	15,308	592,193	225
19	8,191					2,611	732	557	1,822		14,812	14,105	707	47,104	226

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
227	Refrigerators	21	$846,717	$134,271	$187,956	$110,606	$413,884	25	86	$32,385	543	$252,732
228	Regalia and society banners and emblems.	37	317,448	85,000	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	1,348,949	362	141	163,081	1,629	941,831
230	Rubber and elastic goods	55	4,114,297	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	1,029,636
233	Safes and vaults	4	682,190	94,121	39,000	322,291	226,778	2	54	47,844	125	60,207
234	Salt	38	17,231,864	6,337,587	6,143,385	2,338,407	2,362,485	5	157	247,373	1,279	542,909
235	Sauerage	58	360,893	86,800	85,100	70,174	118,819	69	10	8,424	189	102,997
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	112,384	414,138	16	77	71,280	507	238,973
238	Screws, machine	4	253,623	16,000	37,000	84,667	115,956	4	11	12,374	118	45,489
239	Sewing machine repairing	110	153,541	10,000	13,300	26,500	103,741	116	5	2,705	98	53,650
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	646,203	1,373,636	2,444,604	268	123	154,676	3,464	2,014,788
242	Shipbuilding, iron and steel	9	3,536,165	1,273,066	401,862	642,370	1,218,867	7	74	110,673	2,108	1,167,171
243	Shirts	324	9,526,124	189,247	522,411	810,260	8,004,206	441	825	713,490	13,505	4,699,177
244	Shoddy	9	320,861	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	298,654
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	1,530	777,738
250	Slaughtering, wholesale, not including meat packing.	57	8,047,913	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	Soap and candles	91	7,669,979	780,074	1,147,564	1,431,628	4,310,713	97	742	577,259	2,020	821,340
253	Soda water apparatus	8	689,734	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	84,090	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	696,892	1,061,010	17	79	149,169	996	471,662
258	Stationery goods, not elsewhere specified.	42	1,707,898	165,612	233,148	266,306	1,042,332	48	223	196,272	948	355,192
259	Steam fittings and heating apparatus	42	7,487,854	392,200	911,058	1,355,583	4,829,013	41	389	507,318	2,918	1,674,778
260	Steam packing	27	431,139	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	5,700	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	125,301
265	Taxidermy	27	115,932	9,700	15,850	3,634	86,748	30	5	3,224	63	37,904
266	Tin and terne plate	4	246,579	20,100	44,300	35,179	146,000	2	23	23,430	55	25,399
267	Tinfoil	12	1,879,427	103,500	1,003,600	473,427	298,900	11	87	46,461	469	187,098
268	Tinsmithing, coppersmithing, and sheet-iron working.	1,818	10,858,979	1,032,924	1,515,053	2,406,353	5,904,649	2,147	522	497,486	8,808	4,864,246
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	1,563,367	26,051	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	669,746	25,300	60,850	194,985	388,611	60	39	48,088	582	211,651
274	Trunks and valises	88	1,140,660	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	1,639,806	41,600	55,500	179,839	1,362,867	159	200	161,712	1,629	626,825
279	Upholstering materials	49	633,224	39,240	50,500	139,814	403,670	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	32,600	39,500	10	5	9,180	98	56,660
282	Vinegar and cider	248	1,637,083	171,757	453,230	523,240	538,856	271	37	30,491	450	181,217
283	Washing machines and clothes wringers.	17	356,244	38,546	55,250	72,716	189,732	15	17	19,798	227	98,880
284	Watch and clock materials	4	18,468	----------	----------	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	630,782
286	Watch, clock, and jewelry repairing	1,778	1,841,443	129,483	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	7,856
288	Wheelbarrows	5	51,750	3,900	13,700	15,800	18,350	6	1	572	32	11,804
289	Whips	9	300,809	13,900	49,170	33,368	204,371	7	42	36,888	160	62,862
290	Window shades	58	2,186,556	149,060	244,387	468,789	1,324,320	67	86	114,162	646	252,380
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	337,303	433,035	220	46	35,663	952	520,121
294	Woodenware, not elsewhere specified	9	61,492	4,675	9,425	18,588	28,804	13	3	3,000	87	32,866
295	Wool hats	5	896,852	46,500	100,082	130,095	620,175	3	23	42,462	930	403,213
296	Wool pulling	5	114,510	46,600	31,400	6,960	29,550	7	1	600	59	34,866
297	Woolen goods	65	7,338,813	440,506	949,362	1,871,495	4,077,450	73	210	231,733	4,033	1,399,527
298	Worsted goods	7	8,809,390	515,170	802,700	1,868,341	5,623,179	8	134	267,367	3,726	1,291,228
299	All other industries[1]	44	12,917,831	1,084,745	2,162,493	4,194,827	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, 2; 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; onkum, 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
536	$251,062			7	$1,670	$90,358	$11,028	$6,900	$52,430	$20,000	$466,386	$460,293	$6,093	$1,014,509	227
34	20,160	143	$40,822			52,949	19,349	886	19,244	13,470	188,120	187,058	1,062	400,051	228
1,620	940,263	1	468	8	1,100	267,275	63,385	11,527	169,550	22,813	1,892,861	1,848,383	44,478	3,959,080	229
1,009	532,876	1,052	291,038	42	8,199	317,510	53,367	12,818	217,605	33,720	2,997,636	2,939,563	58,073	5,303,824	230
124	47,837	48	8,348	13	1,956	14,967	1,570	313	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	71,619		127,801	124,301	3,500	334,848	233
1,137	509,436	133	32,106	9	1,367	329,701	21,671	19,069	288,161	800	958,302	652,298	306,004	2,698,691	234
188	102,667	1	240			38,357	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	11,134	3,400	209,353	195,580	13,773	433,835	236
506	238,823			1	150	67,072	28,584	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	155,637	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
3,426	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	23,934	34,636	25,000	1,233,338	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	10,654,414	67,488	22,782,302	243
137	58,695	28	6,781	2	263	18,122	2,440	1,134	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	552,953	245
3,149	1,509,660	4,299	1,293,875	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	46,570	29	10,750	250,793	58,935	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	16,980,708	16,905,808	74,900	19,624,187	249
1,567	1,068,292	1	304	1	100	754,326	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		1,475,144	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	104,123	12,833,645	252
277	113,269	9	1,985	1	156	72,918	17,678	5,103	50,137		246,124	241,395	4,729	694,148	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	433,877	254
420	213,509					54,604	7,235	2,455	41,414	3,500	606,671	469,946	36,725	996,085	255
2,463	1,076,663	791	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	520	599,072	58,613	23,448	505,183	11,828	3,551,978	3,486,064	65,914	7,751,101	259
133	81,261	2	510	1	208	67,509	8,854	1,033	57,512	80	306,739	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	416,348	66	17,123	6	1,037	112,011	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	173,434	21,698	705	144,481	6,550	166,355	162,742	3,613	663,139	264
53	34,006	8	3,598	2	300	12,299	7,780	427	2,866	1,226	87,922	87,085	837	183,764	265
55	25,399					14,658		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	958,525	10,926	1,416,678	267
8,106	4,690,220	603	157,438	99	16,578	1,108,080	405,879	44,836	605,319	52,046	8,371,058	8,209,279	161,779	18,696,192	268
446	218,673	564	125,383	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	10,055,023	694,794	59,729	9,885,709	14,791	17,380,949	17,291,763	89,186	49,028,479	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	223,554	14,549	893,509	272
339	152,268	232	57,500	11	1,883	76,116	25,369	1,753	38,844	10,150	342,813	336,032	6,781	865,420	273
1,108	563,778	59	17,394	11	1,280	149,904	87,613	3,099	58,242	950	1,540,862	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	6,034	425,855	275
32	23,499					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	375,234	22,915	13,893	338,426		682,826	663,376	19,450	3,823,992	277
728	359,363	890	266,147	11	1,313	276,559	93,506	1,730	154,643	26,680	3,329,846	3,311,496	18,350	5,259,019	278
298	141,700	378	109,403	14	2,713	106,556	29,945	1,203	60,776	14,632	579,394	571,820	7,514	1,270,752	279
515	335,003	21	8,360	1	195	537,238	18,202	26,204	497,332	500	3,954,088	3,908,448	45,640	6,334,467	280
98	56,660					8,453	6,765	150	1,538		84,440	82,125	2,315	221,000	281
429	177,379	18	3,461	3	377	63,418	5,866	5,713	51,339	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	405,930	3,279	614,833	283
9	3,221					1,850	703	125	1,022		1,593	1,436	157	9,307	284
960	596,460	104	32,177	11	2,145	126,751	8,338	6,856	111,557		2,031,910	2,019,812	12,098	3,165,512	285
1,186	727,906	42	13,794	65	9,991	400,082	287,165	5,040	78,346	29,531	696,193	669,816	26,377	3,268,963	286
13	7,356	1	500			4,657	2,320		2,337		98,875	98,350	525	135,000	287
32	11,804					2,399	300	194	855	1,050	16,392	16,027	365	37,938	288
84	42,756	74	19,906	2	200	23,013	2,180	1,187	18,580	1,066	159,035	156,805	2,230	341,863	289
475	213,538	159	36,829	12	2,013	169,629	36,961	6,046	126,622		2,203,897	2,186,541	17,356	3,045,945	290
41	18,618	1	160	3	650	10,027	1,980		6,159	1,888	148,620	144,916	3,704	193,670	291
1,108	540,908	154	43,668	14	1,850	133,152	37,305	5,695	86,152	4,000	1,181,510	1,150,291	31,219	2,424,492	292
935	515,673	6	2,058	11	2,390	88,116	49,577	2,566	33,901	2,072	509,535	479,655	29,880	1,589,617	293
87	32,866					3,333	1,108	194	1,206	825	31,282	30,542	740	85,060	294
609	319,729	310	81,558	11	1,926	68,296	8,462	2,974	56,860		789,348	770,326	19,022	1,376,721	295
59	34,866					7,755	60	1,920	5,475	300	3,552	1,987	1,565	56,731	296
1,913	827,179	1,974	549,253	146	23,095	761,841	38,824	23,906	658,545	40,566	3,499,864	3,415,627	84,237	6,715,005	297
1,613	645,539	1,737	503,777	376	51,912	241,410	1,832	20,638	218,940		3,406,918	3,341,290	65,628	5,958,259	298
3,867	1,913,324	995	212,109	229	33,841	849,970	91,916	64,338	681,669	12,047	22,174,822	21,805,447	369,375	27,788,165	299

oilcloth, enameled, 2; ordnance and ordnance stores, 1; registers, car fare, 1; rice, cleaning and polishing, 2; sand and emery paper and cloth, 2; straw goods, not elsewhere specified, 1; sugar and molasses, beet, 2; turpentine and rosin, 1; watches, 1; windmills, 2; wood, preserving, 1.

TABLE 8.—MANUFACTURES IN CITIES

ALBANY.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	$6,111,659
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			102	64,501
6	Bookbinding and blank book making	6	24,537			13,980	10,557	6	1	320	47	22,055
7	Boot and shoe uppers	3	3,000			1,800	1,200	3			5	2,300
8	Boots and shoes, custom work and repairing.	120	49,784	3,066	5,517	15,160	25,141	117			53	26,680
9	Bottling	4	58,300	6,600	24,000	6,900	20,800	4	4	3,512	29	12,362
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	23,403
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	146,000	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	35,850	50,800	65,510	245,465	85	13	9,380	532	304,831
16	Carpets, rag	4	2,390			2,015	375	6				
17	Carriages and wagons	11	225,625	47,400	55,500	21,200	101,525	22	5	7,624	98	61,283
18	Cars and general shop construction and repairs by steam railroad companies.	3	1,708,685	140,000	250,800	514,394	803,491		25	22,973	1,953	1,067,156
19	Clothing, men's, custom work and repairing.	128	277,580	13,466	31,167	21,935	211,012	140	23	15,468	430	193,733
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	34,962	110,550	252			380	116,034
22	Clothing, women's, factory product	7	180,748	500	2,000	14,727	163,521	14	21	15,572	284	94,867
23	Coffee and spice, roasting and grinding	4	198,150	6,250	28,500	10,400	158,000	7	9	7,500	39	23,950
24	Confectionery	35	278,558	31,225	57,600	83,803	105,930	38	18	8,530	165	61,797
25	Cooperage	7	42,090	10,000	14,900	2,940	14,250	7			25	11,592
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			7,300	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	2,658
32	Foundry and machine shop products	21	898,306	33,500	208,700	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	428,938	11,302	15,000	93,787	308,849	3	5	8,836	376	112,589
37	Ironwork, architectural and ornamental.	4	178,360	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	324,338
44	Millinery, custom work	33	85,527	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	8,001
47	Monuments and tombstones	9	55,900	3,100	1,250	7,250	44,300	10	3	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	85,305			965	84,340	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	685	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 meat packing, wholesale.	6	113,653	4,500	9,500	9,455	90,198	7			30	14,364
65	Tinsmithing, coppersmithing, and sheet-iron working.	16	16,197	500	1,000	4,255	10,442	17	2	900	28	13,163
66	Tobacco, chewing, smoking and snuff	8	133,190	5,000	11,038	11,056	106,096	2	15	16,486	90	40,233

BY SPECIFIED INDUSTRIES: 1900.

ALBANY.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
9,734	$5,850,042	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	75,940	2
9	4,825	3	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	3,669	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
60	19,404	3	676			9,900	8,333	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	2,380	10,500	63,300	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	458,538	1,327	1,009,984	15
						528	318		210		695	615	80	3,200	16
98	61,283					5,447	1,316	2,005	2,036		58,366	56,005	2,361	168,975	17
1,945	1,064,682	8	2,474			25,531		7,000	18,531		1,445,069	1,425,971	19,098	2,560,666	18
337	168,658	87	24,032	6	1,048	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	439,836	21
37	24,570	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	15,696	2	500	20,388	9,937	2,059	8,392		245,860	242,842	3,024	437,814	24
25	11,592					1,157	60	454	643		30,401	30,346	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	12,624	10	3,676	3	624	3,085	1,685		1,400		9,356	9,300	56	38,146	29
2	1,248	12	4,004			820	450		370		3,345	3,285	60	11,438	30
5	1,946	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	8,360	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	8,615	8,570	75	20,000	33
54	32,271	2	800			9,560	5,471	1,070	2,819	200	40,535	39,562	973	119,739	34
10	6,232	9	2,732			1,031	776		255		22,141	21,898	243	47,000	35
64	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			1,061,377	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	32,696	39
19	10,858					2,502	718	1,130	654		38,708	38,346	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	324,338					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	20,651	14,950	125	5,576		102,096	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	18,784			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	50,765	243	71,150	49
7	3,680					4,952	655	666	3,631		54,860	54,626	234	89,167	50
1	428	1	364			3,425	2,325		1,100		29,575	29,335	240	40,519	51
188	122,535			1	182	7,784	4,800	325	2,539	120	60,371	59,816	555	263,707	52
41	29,992					3,534	2,744		790		23,060	22,907	153	60,199	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	180,838	55
17	10,506	5	2,030			7,935	6,375	52	1,487	21	14,962	14,631	331	51,485	56
30	25,536					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	395	481,078	476,455	4,623	937,368	58
524	296,840	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
360	221,595	30	11,036	2	832	58,416	5,364	1,795	40,454	10,803	143,343	132,487	10,856	592,124	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	399,468	64
23	13,103					2,374	2,048	19	307		22,776	22,432	344	53,492	65
76	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	5,800	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; hairwork, 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	$598,241	$1,219,204	$2,537,060	$5,765,374	257	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	293	138,392
7	Carpentering	13	23,965	2,900	1,650	8,315	11,100	14			42	28,880
8	Carpets and rugs, other than rag	3	3,560,901	56,000	406,306	744,583	2,354,012	3	46	67,397	2,173	860,027
9	Carriages and wagons	3	2,400			1,100	1,300	4			6	3,190
10	Clothing, men's, custom work and repairing.	13	12,620			1,805	10,815	14	2	520	21	9,477
11	Clothing, women's, dressmaking	6	1,100			465	635	6			14	4,196
12	Confectionery	3	2,750			1,650	1,100	4			2	325
13	Foundry and machine shop products	11	559,790	56,000	35,000	177,500	291,290	15	9	18,837	278	142,754
14	Hosiery and knit goods	19	3,333,479	222,580	343,824	1,001,430	1,765,645	31	56	63,059	2,858	1,051,147
15	Lumber, planing mill products, including sash, doors, and blinds.	3	65,365	11,000	10,800	13,100	30,465	6	2	1,565	36	16,868
16	Masonry, brick and stone	4	8,230	1,700	3,400	2,380	750	4			24	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	7,645
19	Photography	3	8,100			4,800	3,300	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	31	20,460
21	Printing and publishing, book and job	3	7,300			5,600	1,700	4			9	3,063
22	Printing and publishing, newspapers and periodicals.	3	56,400	1,800	8,200	40,700	5,700	3	4	3,016	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]	34	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	$8,894,505	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	119,106	1,551	767,342
3	Bicycle and tricycle repairing	8	20,650	200	300	4,700	15,450	8			13	5,902
4	Blacksmithing and wheelwrighting	20	17,290	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	11,305
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	5	187,409	13,000	14,500	7,300	152,609	8	14	9,512	184	41,783
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	3	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	588,578	8	38	41,876	529	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	29,375
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	13,500	10	1	416	108	43,753
20	Millinery, custom work	13	46,144	1,100	3,400	525	41,119	15	7	2,180	50	11,554
21	Monuments and tombstones	3	6,900			550	6,350	5			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 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.										
221	$134,760	55	$16,532	4	$690	$58,128	$9,330	$404	$48,394	----------	$167,623	$166,410	$1,213	$502,227	67
45	17,732	16	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	2,404,648	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; stamped 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	$909,464	171	$48,431	$584,019	$36,889	$32,564	$494,228	$20,343	$6,424,315	$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	5,493	4
19	9,339	----------	----------	----------	----------	2,924	2,320	300	304	----------	50,080	48,630	1,450	75,820	5
292	137,992	----------	----------	1	400	25,055	----------	1,658	23,397	----------	339,998	336,077	3,921	602,933	6
42	28,880	----------	----------	----------	----------	3,975	181	121	173	3,500	47,170	47,060	110	94,835	7
1,280	550,805	816	296,147	77	13,075	106,642	----------	8,297	98,345	----------	1,751,585	1,728,677	22,908	3,408,589	8
6	3,100	----------	----------	----------	----------	488	360	30	98	----------	2,955	2,795	160	9,600	9
19	8,850	2	627	----------	----------	3,139	2,609	----------	530	----------	11,933	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	2,889	----------	----------	20,368	4,495	1,084	14,789	----------	155,710	148,788	6,922	432,786	13
1,037	441,883	1,762	580,500	59	28,764	281,418	9,288	13,162	244,620	14,348	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	60,595	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	3,095	65	9,000	19
34	20,460	----------	----------	----------	----------	2,533	1,232	25	976	300	40,643	40,125	518	79,260	20
6	2,392	----------	----------	3	676	609	500	----------	109	----------	2,662	2,481	181	12,400	21
27	15,826	----------	----------	1	156	1,905	520	145	1,161	79	7,029	6,461	568	56,414	22
3	1,470	----------	----------	----------	----------	581	336	48	197	----------	4,262	4,205	57	9,125	23
80	18,136	----------	----------	----------	----------	3,192	2,415	----------	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	33	21,805	28	5,010	112,396	4,101	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	$437,496	152	$25,948	$644,549	$49,381	$35,778	$529,005	$30,385	$5,680,925	$5,499,075	$181,850	$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	332	----------	10,881	9,837	1,044	45,842	4
8	2,786	----------	----------	----------	----------	1,463	1,254	22	187	----------	6,812	6,672	140	16,537	5
37	19,706	2	725	2	286	3,751	2,346	84	1,321	----------	83,176	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	----------	----------	----------	----------	10,397	731	236	1,000	8,430	6,974	6,477	497	42,361	8
20	8,580	13	2,725	----------	----------	2,335	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	65,904	10
7	3,626	177	38,162	----------	----------	2,232	974	414	844	----------	137,352	135,863	1,489	249,548	11
3	1,000	4	1,250	----------	----------	3,477	2,531	25	921	----------	17,919	17,689	230	33,464	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	754	95	387	----------	9,723	9,588	135	20,450	16
44	29,375	----------	----------	----------	----------	73,122	----------	2,670	70,452	----------	53,644	48,759	4,885	184,662	17
7	3,118	----------	----------	----------	----------	1,677	686	----------	991	----------	6,251	6,151	100	15,965	18
108	43,753	----------	----------	----------	----------	1,070	----------	104	966	----------	33,978	33,978	----------	93,770	19
----------	----------	50	11,554	----------	----------	8,738	5,632	126	2,980	----------	31,277	30,820	457	75,600	20
9	6,100	----------	----------	----------	----------	940	640	----------	300	----------	10,430	10,110	320	20,150	21

TABLE 8.—MANUFACTURES IN CITIES

AUBURN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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.	8	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	1,915
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	4,247
32	All other industries[1]	61	4,054,291	278,419	511,095	794,663	2,470,114	56	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	$9,295,859	$707,736	$1,086,719	$2,549,843	$4,951,561	663	517	$490,442	6,106	$2,461,081
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	6,590			5,900	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	4,209
7	*Bread and other bakery products*	*11*	*139,477*	*11,000*	*18,800*	*71,140*	*43,537*	12	9	10,781	81	38,624
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	36,300	42,600	25,949	225,889	7	16	19,116	193	89,615
10	Cheese and butter, urban dairy products.	4	3,221	50	250	1,375	1,546	3			2	780
11	Clothing, men's, custom work and repairing.	47	52,278	250	275	6,798	44,955	51	4	3,191	77	34,123
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	5	226,960	46,060	19,500	43,000	118,400	4	12	12,270	33	15,408
17	Foundry and machine shop products	11	623,389	52,965	83,283	101,432	385,709	9	32	27,982	296	117,267
18	Furniture, cabinetmaking, repairing, and upholstering.	7	18,775	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	24	22,400	398	165,782
20	Gloves and mittens	3	12,926	300	250	1,819	10,557	5			20	6,637
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	4,300			2,400	1,900	5			3	1,368
23	Looking-glass and picture frames	4	7,625	200	300	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	117,858
25	Marble and stone work	4	34,000		1,600	8,660	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	91,177
27	Millinery, custom work	17	38,670	5,000	2,000	2,220	29,450	18	4	2,800	66	19,327
28	Mineral and soda waters	6	30,830	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	3	92,442	85,000	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 stuccowork	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	6,974	84	54,001
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	19,292	82	48,867
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	300	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	8,030	19,175	10			28	15,488
40	Tobacco, chewing, smoking, and snuff	3	4,101			1,200	2,901	4	3	3,000	13	2,500
41	Tobacco, cigars and cigarettes	53	1,042,921	59,500	86,050	56,865	840,509	66	70	113,824	1,446	491,618
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 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.										
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	13,968	12,738	1,230	95,750	26
34	15,782	6	1,389			5,620	2,057	248	3,315		40,249	38,970	1,279	86,998	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	13,460	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	$579,131	23	$3,555	$1,040,419	$86,397	$29,385	$893,400	$31,237	$6,339,365	$6,231,353	$108,012	$12,638,547	1
16	7,334	1	200			1,616	1,078	120	318	100	13,946	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	4,131					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	30,530	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	1,394			13,606	655	946	11,930	75	166,829	164,324	2,505	313,511	9
1	650	1	130			379	315	5	59		9,690	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	5,300		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	1,142,925	16
236	117,267					36,681	798	1,639	34,044	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	1,868					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					5,008	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	2,624					90	24	14	52		3,920	3,910	10	10,600	33
84	54,001					7,199	3,383	450	2,766	600	159,598	158,420	1,178	276,487	34
12	4,640	1	275	5	741	2,030	1,238	56	736		9,195	8,453	742	28,582	35
78	47,303	8	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	350			1,194	1,028	7	159		21,868	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					2,764	1,690	182	892		28,531	28,132	399	56,994	39
12	2,230	1	270			5,428	618	23	4,782		4,050	3,844	206	12,975	40
553	224,224	898	267,394			391,673	12,322	1,942	377,409		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	467,382	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; lithographing 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.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	3,902	$103,939,655	$11,658,359	$15,663,836	$31,705,768	$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	3	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	2,752
4	Baskets, and rattan and willow ware	4	18,080	300	20	1,060	16,700	4	1	1,600	15	6,352
5	Belting 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	167,503	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	167	339,805	93,040	82,600	50,853	113,312	167	4	2,520	242	148,739
10	Bluing	3	2,760	900	950	110	800	3			2	1,000
11	Bookbinding and blank book making	8	51,951	8,500	8,500	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	3			25	7,200
16	Boxes, fancy and paper	9	145,673	6,000	6,000	54,640	79,033	13	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	333,706	856,501	474,230	163	129	96,079	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	304,735	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	98,605	448,949	199	20	10,169	1,184	648,531
24	Carpets, rag	12	20,646	2,906	1,775	11,565	4,400	13	2	422	25	7,975
25	Carriage and wagon materials	3	250,800	20,000	15,000	51,500	164,300	1	16	20,500	131	54,181
26	Carriages and wagons	58	1,387,426	327,665	253,713	196,887	609,161	65	35	21,980	456	255,260
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	68,357	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	181,485	247,650	92,839	729,085	490	53	37,675	1,536	607,718
31	Clothing, men's, factory product	119	1,708,661	42,250	36,550	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	88,250	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	35	459,684	14,300	12,675	182,522	300,187	48	96	56,630	558	139,211
37	Cooperage	35	265,445	56,275	47,750	47,840	113,580	41	7	8,200	358	185,069
38	Corsets	7	4,700			1,580	3,120	7	3	200	12	3,423
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	4,581
41	Druggists' preparations, not including prescriptions.	3	107,256			5,256	102,000	1	19	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	45,524
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	3	5,570	15	5,582
50	Flouring and grist mill products	9	1,593,589	384,573	330,978	398,200	479,838	11	37	43,937	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	303,150	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	13,450	19,875	9,939	49,707	60	3	1,850	117	56,924
55	Furniture, factory product	13	2,329,454	141,700	303,705	490,958	1,393,091	25	73	84,474	1,126	453,886
56	Glass, cutting, staining, and ornamenting.	7	58,815			17,166	41,649	7	11	11,570	89	33,362
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	328,788	10,000	41,144	70,941	206,653	5	25	21,550	406	163,539
62	Hats and caps, not including fur hats and wool hats.	6	21,350			8,350	13,000	9			57	16,486
63	Instruments, professional and scientific	4	135,465			36,653	98,812		18	22,592	58	30,617
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			29,316	292,713	13	13	32,585	178	87,277

BY SPECIFIED INDUSTRIES: 1900—Continued.

BUFFALO.

Average number of wage-earners and total wages—continued: Men, 16 years and over. Average number.	Men, 16 years and over. Wages.	Women, 16 years and over. Average number.	Women, 16 years and over. Wages.	Children, under 16 years. Average number.	Children, under 16 years. Wages.	Miscellaneous expenses. Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Cost of materials used. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
36,252	$18,432,353	6,606	$1,408,828	564	$74,636	$9,559,245	$963,661	$416,299	$7,579,805	$599,480	$73,359,466	$71,774,498	$1,584,968	$122,230,061	1
30	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		23,915	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		89,468	88,181	1,287	130,882	5
97	44,497	1	200	4	454	18,694	15,302	75	2,707	610	106,442	103,500	2,942	267,111	6
585	261,576	12	2,900			117,009	6,398	4,278	106,333		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	25,653	19,388	2,540	3,725		133,408	123,589	9,819	436,384	9
1	500	1	500			215	170	45			3,085	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	259	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	256,106	14
12	4,780	13	2,420			1,059	480	175	404		10,579	10,129	450	23,983	15
55	30,900	310	45,028	9	922	19,353	8,270	103	11,480		101,341	100,402	939	237,504	16
351	96,080			22	2,772	20,921	7,706	695	12,520		350,306	349,481	825	531,117	17
31	15,548	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	2,548,447	19
218	92,238			4	621	27,763		11,001	16,762		38,347	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	529,000	21
38	15,085	1	98			1,491	410	458	623		43,102	42,635	467	81,559	22
1,184	648,531					186,236	9,450	4,865	21,863	150,058	1,440,802	1,437,760	3,042	2,729,751	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	264,960	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	31,316	4,513,393	27
125	71,119					29,086	900	3,596	24,590		1,109,559	1,072,391	37,168	1,939,378	28
						369	328		41		1,801	1,685	116	3,500	29
907	451,421	624	155,843	5	454	193,423	36,583	6,484	56,007	44,349	1,007,570	995,508	12,062	2,531,241	30
425	249,090	1,047	199,495	13	1,526	283,164	33,578	1,048	48,863	199,675	1,464,610	1,457,002	7,608	2,793,474	31
15	6,760	12	1,970			425	250	65	110		3,665	3,520	145	17,055	32
49	34,040	731	156,529	5	350	44,398	33,867	847	9,474	210	224,230	217,753	6,477	713,850	33
20	12,807	237	44,297	1	185	37,347	2,635		35,212		143,212	142,250	962	273,249	34
11	4,795	5	1,120			7,214	4,256	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	505	32,638		784,385	774,951	9,434	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
		12	3,428			1,586	1,427		159		6,223	6,077	146	18,481	38
35	14,335	63	8,424			5,780	1,350	180	4,250		61,874	60,974	900	151,000	39
9	3,934	1	500	1	150	1,801	354		447	1,000	2,339	2,234	105	19,228	40
8	3,796	19	3,174			13,643	1,876		11,767		29,152	28,337	815	77,236	41
34	13,657	20	7,300	2	300	6,629	3,465	382	2,782		10,540	8,700	1,840	73,971	42
60	19,943					19,999	2,710	155	17,134		75,714	74,609	1,105	161,188	43
82	44,906			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			3,286	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	77,360	49
195	112,331					71,868	512	13,986	57,370		2,932,191	2,902,064	30,127	3,263,397	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	30,162	30,699	385,593	8,196	3,069,198	2,931,230	137,968	6,816,057	52
11	6,612	36	10,503			11,440	8,042		3,398		43,768	43,440	328	107,065	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		930		55,126	54,437	689	106,000	57
9	4,217					1,338		617	721		52,201	51,133	1,068	71,029	58
1	936	20	4,458			2,578	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	36	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	2,736		390		27,186	26,610	576	57,794	62
48	28,201	10	2,416			9,791	2,450	491	6,850		14,747	13,982	765	108,178	63
334	534,153	34	7,808	3	432	130,008	30,020	7,580	92,408		1,629,168	1,099,717	529,451	2,621,547	64
188	85,526					33,836	1,304	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	4,736	250	5,529	1,550	194,410	193,385	1,025	413,845	66

TABLE 8.—MANUFACTURES IN CITIES

BUFFALO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Jewelry and instrument cases	4	$48,200			$9,750	$33,450	7	11	$7,036	107	$30,864
68	Lasts	3	30,358			17,434	12,924	3			26	13,363
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	9,185,843	1,051,633	2,709,807	1,772,977	3,600,926	5	170	209,261	560	410,704
73	Lithographing and engraving	7	881,957	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	31,015
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	52,797	281,002	8	26	32,065	396	216,606
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	186,629			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	61,593	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	5,000	7,015	9,300	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	2,360	21	9,195
88	Painting, house, sign, etc	140	269,818	44,315	46,110	36,726	142,667	161	11	7,382	572	314,841
89	Paints	5	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	2,500	98	62,910
91	Patent medicines and compounds	44	1,105,432	78,700	246,236	92,924	687,572	43	61	60,045	462	191,763
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	5	41,428			11,405	30,023	7	2	1,040	21	5,700
95	Plastering and stuccowork	11	14,865	3,200	2,200	2,405	7,060	14			35	26,835
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	33,094	721	385,490
98	Printing and publishing, book and job	87	1,517,303	29,300	27,625	779,329	681,049	97	101	92,661	1,071	522,369
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	85,959
102	Saddlery and harness	41	426,180	20,380	26,050	69,388	310,362	50	24	20,616	317	155,444
103	Sausage	3	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	3	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	356,782	727,890	484,298	3,379,246	13	188	133,113	829	384,007
107	Slaughtering, wholesale, not including meat packing.	14	225,478	29,580	73,525	19,650	102,723	15	15	13,410	99	52,362
108	Soap and candles	9	2,565,134	186,577	546,335	451,355	1,380,367	13	493	266,754	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	5,156	7	1	866	5	2,183
112	Tinsmithing, coppersmithing, and sheet-iron working.	107	847,838	142,382	139,750	160,403	404,303	130	30	21,788	470	233,758
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	34	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	35,998
117	Wood, turned and carved	9	20,475	1,350	1,600	6,650	10,875	11			31	15,050
118	All other industries[1]	112	30,526,930	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.

1	All industries	316	$11,316,482	$256,835	$2,429,154	$3,762,828	$4,867,665	327	215	$257,138	8,673	$3,140,668
2	Bicycle and tricycle repairing	5	5,890			3,100	2,790	6			4	2,152
3	Blacksmithing and wheelwrighting	13	8,882	400	3,350	2,680	2,452	14			13	6,264
4	Boots and shoes, custom work and repairing.	22	5,009	200	220	1,475	3,114	19			8	3,533
5	Boxes, fancy and paper	3	68,997			31,413	37,584	5	10	8,372	98	40,514
6	Bread and other bakery products	18	40,295	8,400	14,450	6,545	10,900	18	4	1,952	51	23,851

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
18	$8,806	76	$19,382	13	$2,676	$5,500	$2,000	----------	$3,500	----------	$33,100	$32,900	$200	$90,700	67
26	13,363	----------	----------	----------	----------	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	92,754	69
530	213,772	31	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	2,783	1,219	41,102	----------	118,506	95,356	23,150	298,437	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	757,036	73
20	10,894	2	630	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	12,953	7,261	265	5,427	----------	202,687	201,234	1,453	303,108	75
1,533	670,834	----------	----------	40	4,039	164,143	8,026	11,664	105,168	39,285	1,919,163	1,905,559	13,604	3,095,760	76
205	123,116	----------	----------	----------	----------	143,701	41,607	16,422	85,672	----------	1,377,491	1,329,576	47,915	1,959,967	77
348	210,124	48	6,482	----------	----------	29,970	2,590	4,926	18,454	4,000	207,614	205,016	2,598	592,130	78
1,283	694,652	----------	----------	2	511	88,437	4,484	6,167	23,136	54,650	1,115,513	1,111,243	4,270	2,309,168	79
79	31,082	48	16,201	2	240	17,796	9,340	215	8,241	----------	174,503	173,248	1,255	299,315	80
6	4,270	276	69,914	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	215,363	82
14	12,270	----------	----------	1	75	936	814	----------	122	----------	1,935	1,339	596	25,120	83
84	48,528	----------	----------	----------	----------	6,244	462	844	2,938	2,000	46,055	45,667	388	143,945	84
6	2,143	5	1,010	----------	----------	2,081	562	116	1,403	----------	16,245	15,885	360	27,411	85
222	112,475	----------	----------	----------	----------	149,673	2,300	1,709	145,664	----------	5,751,940	5,734,723	17,217	6,271,170	86
19	9,010	----------	----------	2	155	8,605	7,340	----------	1,265	----------	27,088	26,476	612	76,256	87
570	314,535	----------	----------	2	306	21,129	14,568	1,340	5,221	----------	272,194	270,317	1,877	846,710	88
113	68,205	13	3,612	----------	----------	55,879	1,316	1,176	53,387	----------	529,022	522,093	6,929	753,519	89
98	62,910	----------	----------	----------	----------	9,017	5,611	311	3,095	----------	73,705	73,257	448	192,310	90
148	101,810	312	92,693	2	260	1,007,613	9,093	6,190	986,995	5,335	317,218	312,509	4,709	1,855,808	91
450	243,028	----------	----------	----------	----------	13,967	1,818	3,920	8,220	----------	309,356	305,101	4,255	650,564	92
60	39,240	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	46,560	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	----------	31,192	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	1,455,933	98
671	429,127	39	12,478	39	3,735	252,431	28,685	2,231	189,488	32,027	362,772	350,353	12,419	1,735,978	99
94	43,256	----------	----------	----------	----------	21,554	----------	2,754	18,800	----------	74,363	72,342	2,021	184,035	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	566,316	102
45	21,210	1	240	----------	----------	4,630	1,740	215	2,675	----------	90,535	87,930	2,605	170,560	103
162	86,547	----------	----------	----------	----------	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	1,017	1,309	19,234	----------	1,740,439	1,737,889	2,550	1,969,980	107
483	203,323	161	25,789	99	12,527	363,336	2,296	8,800	352,240	----------	2,475,171	2,435,807	39,364	3,818,571	108
8	4,672	----------	----------	----------	----------	1,107	550	----------	557	----------	15,628	15,572	56	34,560	109
55	28,323	----------	----------	----------	----------	29,769	1,550	----------	25,619	2,600	6,764	5,619	1,145	101,192	110
4	1,995	1	188	----------	----------	1,303	466	75	762	----------	5,393	5,308	85	14,896	111
442	228,788	15	3,542	13	1,428	42,347	19,702	8,929	13,591	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	3,832	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	27,673	33	5,855	12	1,570	14,685	2,978	530	11,177	----------	90,232	88,756	1,476	179,549	116
31	15,050	----------	----------	----------	----------	3,456	1,610	41	1,705	100	10,658	10,023	635	41,231	117
5,609	2,813,232	328	67,927	44	7,078	1,147,470	48,338	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; photolithographing 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	378	$75,955	$653,130	$59,023	$83,959	$489,123	$21,025	$6,120,342	$5,910,552	$209,790	$11,636,190	1
4	2,152	----------	----------	----------	----------	729	580	----------	149	----------	4,311	4,270	41	10,400	2
13	6,264	----------	----------	----------	----------	990	908	39	43	----------	5,036	4,632	404	21,590	3
8	3,533	----------	----------	----------	----------	1,165	1,137	4	24	----------	6,390	6,176	214	19,398	4
69	32,285	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	8	367	5,460	1,825	515	3,120	----------	68,622	66,429	2,193	141,899	6

TABLE 8.—MANUFACTURES IN CITIES

COHOES—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	6,963	100	400	3,845	2,618	48			50	12,072
10	Confectionery	9	6,025	300	200	3,065	2,460	9	1	$468	6	2,580
11	Foundry and machine shop products	10	438,112	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	200	1,319	2,395	6			8	1,500
13	Hosiery and knit goods	24	5,299,944	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	230,873	6,000	66,959	84,822	73,092	2	15	9,215	108	42,361
15	Lumber, planing mill products, including sash, doors, and blinds.	3	75,900	7,500	18,500	19,000	30,900	4	4	2,804	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	366	11,775	13	6	1,600	23	6,628
18	Mineral and soda waters	4	16,950	1,250	5,500	4,100	6,100	6			7	3,700
19	Painting, house, sign, etc	15	16,740	400	1,000	2,625	12,715	18	3	1,216	47	25,974
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	542
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	2,860		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	8,604
28	Watch, clock, and jewelry repairing	3	1,654	200	300	425	729	3			2	424
29	All other industries[1]	40	4,883,633	141,893	1,568,188	1,689,556	1,489,001	42	48	82,370	3,922	1,262,464

[1] Embraces agricultural implements, 1; baskets, and rattan and willow ware, 1; bluing, 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	362	$7,365,534	$534,504	$953,706	$1,776,104	$4,101,220	392	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	9,450
4	Blacksmithing and wheelwrighting	22	26,210	6,250	4,350	5,260	10,350	25			23	11,759
5	Boots and shoes, custom work and repairing.	24	11,142	1,300	2,400	4,662	2,780	27			13	4,743
6	Bread and other bakery products	9	40,010	7,000	15,500	5,295	12,215	9	14	4,324	31	11,471
7	Carpentering	12	23,525	1,350	1,850	6,125	14,200	13	1	800	96	50,784
8	Carriages and wagons	4	32,125	3,200	12,000	3,275	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	24,334	497	257,640
10	Cheese and butter, urban dairy products.	3	3,575			1,975	1,600	3			1	480
11	Clothing, men's, custom work and repairing.	19	40,365			1,990	38,375	23	4	4,000	91	46,614
12	Clothing, women's, dressmaking	12	16,143			3,235	12,908	16	2	1,193	68	17,729
13	Clothing, women's, factory product	3	37,400			5,900	31,500	4	11	5,412	68	12,931
14	Confectionery	4	30,436	1,000	1,500	7,986	19,950	5	7	3,012	30	8,687
15	Flavoring extracts	3	20,600	400	600	4,050	15,550	4	1	260	14	7,600
16	Foundry and machine shop products	6	329,035	17,000	70,807	125,074	116,154	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	54,384	129,977	171,131		8	7,328	587	185,316
19	Lock and gun smithing	3	2,300			1,600	700	3			1	466
20	Lumber, planing mill products, including sash, doors, and blinds.	8	928,457	86,300	163,245	161,441	517,471	9	42	40,511	420	173,906
21	Marble and stone work	3	31,550	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	27,530	4	8	4,720	176	78,230
23	Millinery, custom work	15	77,420	13,000	10,500	970	52,950	15	4	2,205	40	9,411
24	Monuments and tombstones	3	26,472	5,000	6,150	275	15,047	3	1	200	12	5,519
25	Painting, house, sign, etc	16	26,525	850	250	2,825	22,600	19			59	30,000
26	Photography	8	11,815			7,725	4,090	8			8	2,869
27	Plumbing, and gas and steam fitting	9	60,102			4,246	55,856	10	4	1,608	43	21,822
28	Printing and publishing, book and job	11	44,635	1,000	1,800	24,350	17,485	16	2	660	27	8,344
29	Printing and publishing, newspapers and periodicals.	5	262,997	200		223,000	39,797	2	16	25,543	119	66,744
30	Saddlery and harness	6	11,125			925	10,200	5	2	1,032	12	5,335
31	Tinsmithing, coppersmithing, 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
45	$17,496					$4,801	$633	$36	$132	$4,000	$25,947	$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	2,327	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
103	42,361					8,040	1,150	1,107	5,783		269,532	265,415	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	48,410	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	22,433	22,357	76	71,327	19
1	208	2	500			660	120		540		1,920	1,900	20	5,800	20
16	6,100					72	30	30	12		18,475	18,450	25	28,500	21
1	360	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	103	292		8,797	8,587	210	35,242	24
26	16,748			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	39	6,225	26
18	8,500			1	104	3,066	318	49	2,699		16,358	16,291	67	35,085	27
2	424					279	200	7	72		605	555	50	3,200	28
2,046	785,320	1,620	472,867	256	54,277	266,385	4,143	68,117	184,015	15,060	2,575,861	2,437,156	138,705	4,731,212	29

illuminating and heating, 1; hairwork, 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.

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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	1,153	1	328		6,043	5,839	204	18,480	2
9	4,500			16	4,950	1,660	712	8	940		16,504	16,053	451	36,752	3
23	11,759					2,728	2,156	184	388		10,629	9,922	707	47,426	4
11	4,365	1	175	1	208	1,807	1,431	52	324		12,587	12,081	506	36,359	5
29	11,146	2	325			3,008	1,644	264	1,100		46,048	44,881	1,167	76,210	6
96	50,784					926	570	116	240		71,200	70,895	305	140,500	7
25	11,420					1,022	364	346	312		13,453	13,078	375	41,320	8
495	257,326	2	314			3,158		1,634	1,524		402,823	400,203	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	2,820	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	5,032	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	102	25	1,245		6,426	6,348	78	20,700	15
176	96,941			1	200	24,938	1,235	1,392	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	166	23,700	17
112	40,302	469	94,174	6	840	43,626		691	42,935		271,310	264,731	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	20,666	24
59	30,000					3,458	2,690	17	751		19,679	19,608	71	71,594	25
4	1,920	4	886			2,243	1,898		345		5,431	5,176	255	18,349	26
43	21,892					6,422	2,713	16	2,693	1,000	66,978	66,333	645	118,932	27
21	7,532	1	300	5	512	2,335	1,340	50	945		19,652	18,822	830	43,376	28
106	62,040	13	4,704			18,402	4,190	643	13,519	50	51,622	47,212	4,410	283,130	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.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Tobacco, cigars and cigarettes	27	$96,467	$8,200	$8,450	$5,528	$79,289	28	10	$7,514	118	$45,321
33	Tobacco, stemming and rehandling	4	702,017	4,600	21,400	4,017	672,000	6	9	11,220	187	55,720
34	Watch, clock, and jewelry repairing	13	12,225			6,100	6,125	9	1	120	12	7,815
35	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	68,741	81,891	42,687	5	5	2,777	91	26,092
6	Flouring and grist mill products	3	37,800	7,600	8,500	9,200	12,500	4	1	600	10	5,100
7	Foundry and machine shop products	9	966,568	53,650	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	4,800			350	4,450	3	1	192	12	2,444
12	Painting, house, sign, etc	6	4,525	50	300	1,350	2,825	7			25	15,000
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	332,855	2	49	69,586	78	28,599
15	Photography	6	12,150	1,000	500	8,200	2,450	7			10	3,711
16	Plumbing, and gas and steam fitting	7	35,976	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	4,156
20	Tinsmithing, coppersmithing, and sheet-iron working.	5	8,500	1,500	1,500	2,400	3,100	8			5	3,568
21	Tobacco, cigars and cigarettes	7	8,775			925	7,850	7	1	624	15	7,209
22	Watch, clock, and jewelry repairing	11	14,550	1,000	1,000	3,950	8,600	11			10	5,230
23	Worsted goods	3	3,686,871	147,000	419,155	859,010	2,261,676	4	73	117,935	1,911	582,133
24	All other industries[1]	45	1,135,023	181,459	235,958	263,663	453,943	54	68	64,708	696	261,136

[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	368	169	$158,913	2,685	$1,245,557
2	Bicycle and tricycle repairing	4	3,060	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	3	2,328	252	102,551
8	Bridges	3	11,065	15	25	7,800	3,225	4			9	3,804
9	Carpentering	20	48,675	8,710	9,900	6,465	23,600	24			122	67,014
10	Carriages and wagons	6	33,350	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	28,577	3,200		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	13,104	1,400	2,550	2,685	6,469	33			50	12,345
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	3,900
16	Foundry and machine shop products	5	167,530	19,350	33,000	64,000	51,180	5	5	3,620	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	9,791
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	300,790	90,750	11,000	57,840	141,200	8	13	15,700	115	89,362
21	Masonry, brick and stone	13	40,740	2,690	2,610	6,085	29,355	17			139	86,257
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	23,755	1,075	9,200	3,825	9,655	16	1	400	43	24,335
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	2,675

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 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.										
87	$38,908	30	$6,303	1	$110	$25,727	$8,298	$184	$22,245	----------	$62,452	$61,807	$645	$171,584	32
97	38,378	82	16,230	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	14,378	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.

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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	$4,012,497	$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	545	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	518,789	8	3,390	8	1,100	160,329	3,855	4,035	152,139	300	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	9,613	490	140	9,013	----------	69,637	69,017	620	117,425	10
----------	----------	12	2,444	----------	----------	1,473	972	----------	501	----------	16,462	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	----------	441,067	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	30	7,918	1,669	16,310	14,386	1,924	81,094	18
8	4,156	----------	----------	----------	----------	809	504	130	175	----------	8,897	8,796	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	----------	1,399,085	1,364,899	34,186	2,565,920	23
534	228,829	159	34,807	3	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	24,108	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	74,631	1,920	147,394	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
18	8,588	----------	----------	----------	----------	1,560	526	309	725	----------	9,652	9,357	295	32,593	10
56	33,662	----------	----------	----------	----------	4,558	----------	456	4,102	----------	15,018	13,468	1,550	58,212	11
17	8,129	10	3,987	----------	----------	2,889	2,366	154	369	----------	36,341	35,616	725	72,460	12
----------	----------	50	12,345	----------	----------	2,531	2,160	121	169	72	3,079	7,715	364	38,098	13
16	7,708	----------	----------	----------	----------	3,414	1,956	305	1,153	----------	43,600	43,075	525	78,526	14
7	3,900	----------	----------	----------	----------	595	----------	145	450	----------	69,586	68,386	1,200	80,112	15
86	44,721	----------	----------	----------	----------	5,521	1,200	808	3,513	----------	51,875	49,076	2,799	134,800	16
17	9,794	----------	----------	----------	----------	848	120	136	592	----------	22,950	22,935	15	45,302	17
5	1,851	----------	----------	----------	----------	47	----------	31	16	----------	6,321	6,234	87	11,900	18
75	37,800	----------	----------	----------	----------	15,270	2,060	2,557	10,653	----------	226,948	223,784	2,564	417,114	19
115	39,362	----------	----------	----------	----------	3,265	230	1,011	2,024	----------	133,874	129,134	4,740	271,914	20
139	36,257	----------	----------	----------	----------	748	24	120	604	----------	86,043	85,918	125	198,098	21
----------	----------	28	8,432	----------	----------	4,284	3,854	87	343	----------	31,574	31,062	512	64,468	22
10	4,756	----------	----------	----------	----------	2,044	1,658	66	320	----------	7,906	7,796	110	21,151	23
43	24,335	----------	----------	----------	----------	1,291	532	206	553	----------	22,858	22,790	68	62,732	24
7	3,444	17	4,300	1	100	57,333	990	684	55,659	----------	39,540	39,439	101	158,252	25
6	2,675	----------	----------	----------	----------	1,667	1,394	2	271	----------	4,499	4,269	230	18,000	26

TABLE 8.—MANUFACTURES IN CITIES

KINGSTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	78,650	3,250	9,250	39,500	21,650	6	14	10,184	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]	38	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	258	$5,214,536	$517,200	$916,680	$1,297,754	$2,482,902	266	810	$287,839	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	3,850			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	41,458
7	Clothing, men's, custom work and repairing.	16	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	86	97,392	823	307,281
9	Confectionery	3	21,200	3,000	7,000	3,500	7,700	4	2	1,068	8	2,012
10	Electrical construction and repairs	4	75,377	500	1,000	19,700	54,177	4	4	4,560	31	14,071
11	Foundry and machine shop products	7	838,397	67,000	199,764	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			34	27,221
15	Millinery, custom work	15	30,330	2,400	3,400	1,195	23,335	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	4,307
17	Monuments and tombstones	3	34,916	1,000	800	5,165	27,951	4			12	9,776
18	Painting, house, sign, etc	10	66,380	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	1,676
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	7,359	500	1,000	850	5,009	4			5	2,766
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	1,890
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	746,591	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	152	2,964,748	32,000	17,000	253,531	2,662,217	224	229	226,841	3,993	1,251,385
3	Artificial limbs	5	69,300	3,000	12,000	23,500	25,800	8	14	10,200	60	40,652
4	Artists' materials	4	10,906			1,240	9,666	4	1	636	5	3,265
5	Awnings, tents, and sails	153	540,774	12,050	17,950	101,353	409,421	185	38	31,774	757	431,073
6	Axle grease	4	5,916			410	5,506	6			8	3,750
7	Babbitt metal and solder	7	1,028,291	35,000	41,000	112,855	839,436	13	21	27,992	188	107,875
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	803,805	733,431	8	196	191,896	781	287,426
10	Baking and yeast powders	9	3,648,858	500,000	500,000	273,081	2,375,777	5	31	67,387	152	92,128
11	Baskets, and rattan and willow ware	37	224,265	14,045	28,453	52,444	131,323	39	12	14,993	291	111,241
12	Belting and hose, leather	12	2,063,536			101,022	1,962,514	9	84	115,224	478	279,233
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		24,000	35,959	304,800	17	43	51,909	171	114,170
16	Blacking	14	283,784			49,457	234,327	20	80	115,337	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	63,040	13	15	13,620	63	26,535
19	Bookbinding and blank book making	239	4,383,901	49,000	182,500	1,797,660	2,404,741	300	326	383,620	6,270	2,842,609
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	13	152,325			54,175	98,150	16	19	16,484	114	45,330

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
91	$36,335					$3,936	$720	$672	$2,544		$81,938	$81,138	$800	$170,275	27
6	2,450			1	$104	436	276	16	144		1,738	1,618	120	9,490	28
63	32,548	3	$1,109	1	200	6,699	1,632	388	4,679		20,407	18,795	1,612	97,182	29
10	6,096					542	461	45	36		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	59,218	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	2,213,605	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, coppersmithing, 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	$3,016,930	$106,660	$6,497,088	1
4	1,230					637	462		145	30	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	27,935	1	312	1	156	7,661	5,352	113	2,036	160	105,601	103,707	1,894	180,410	5
53	41,458					2,458	120	343	995	1,000	55,330	54,992	338	112,985	6
17	6,514	10	2,799			4,645	2,894	815	766	670	17,030	16,653	377	45,613	7
147	94,474	672	212,192	4	615	28,891	2,850	2,635	23,406		874,726	871,460	3,266	1,594,475	8
7	2,672			1	240	2,570	1,650	100	820		12,743	12,135	608	22,726	9
31	14,071					5,601	996	30	4,125	450	98,470	97,570	900	150,220	10
310	180,678					54,615	348	6,714	47,553		232,813	224,176	8,637	543,356	11
7	2,100					706	277	114	290	25	7,396	7,323	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		21,328	21,328		64,300	14
		40	12,121	2	218	6,094	4,609	60	1,425		44,941	44,675	266	81,493	15
11	4,807					867	240	176	451		5,185	4,960	225	20,500	16
12	9,776					2,752	550	20	2,182		19,458	18,963	495	39,981	17
80	46,193					4,762	2,813	10	1,439	500	29,782	29,263	519	99,697	18
4	2,362	5	1,237			15,347	2,204	102	13,041		13,308	13,174	134	47,159	19
3	798	3	878			1,336	954		248	134	3,350	3,238	112	13,822	20
69	40,601					5,432	1,301	892	2,559	1,180	83,980	82,993	987	165,397	21
72	35,775	8	3,054			8,753	3,330	250	5,173		29,637	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	135		5,056	5,026	30	11,955	24
20	11,140					2,356	1,056	70	1,230		10,481	10,332	149	34,573	25
4	1,390					1,088	258	42	788		3,052	3,030	22	7,290	26
10	5,284					3,941	1,550	13	638	1,740	3,766	3,597	169	19,520	27
1,573	677,952	484	136,899	73	11,195	185,357	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	130,691	$41,994,472	5,773	$975,435	$163,170,343	$24,001,559	$4,286,292	$81,753,149	$53,129,343	$709,109,412	$699,552,084	$9,557,328	$1,371,358,468	1
507	267,318	3,359	962,421	127	21,646	330,267	198,715	4,040	90,262	37,250	2,190,099	2,178,926	11,173	4,997,194	2
53	37,572	7	3,080			30,355	8,425	630	21,300		18,650	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
541	344,874	215	85,849	1	350	131,551	57,589	869	21,993	51,100	1,295,516	1,289,451	6,065	2,481,547	5
8	3,750					2,122	1,134		988		9,353	9,256	97	22,900	6
188	107,875					42,228	12,155	3,475	26,598		2,309,739	2,296,183	13,556	2,604,696	7
202	82,656	437	118,486			83,886	22,048	2,153	54,585	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	32,319	2,333	102,296		1,542,702	1,531,257	11,445	2,706,828	9
69	58,039	81	33,489	2	600	1,097,439	5,528	15,000	1,076,911		1,916,901	1,914,023	2,878	4,243,406	10
211	95,162	67	14,309	13	1,770	12,677	8,917	642	3,118		208,357	205,542	2,815	417,825	11
474	278,233			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	7,729	95	3,914		52,760	51,631	1,129	123,934	14
166	112,624	4	1,364	1	182	122,160	18,438	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	21,530	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	217,311	18
3,034	1,803,335	3,119	1,017,241	117	22,033	585,425	305,231	7,149	240,684	32,361	2,560,197	2,494,101	66,096	7,619,155	19
84	41,760	7	2,810	2	300	16,545	12,861	150	3,531		626,348	624,885	1,463	847,653	20
63	32,742	51	12,588			21,488	9,846		3,442	8,200	254,988	252,866	2,122	393,969	21

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
22	Boot and shoe uppers	46	$79,300	$6,500	$8,000	$13,070	$51,730	54	1	$600	100	$46,907
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	234,227	41	45	39,460	906	364,919
27	Boxes, fancy and paper	159	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	63	2,409,564	192,600	277,219	446,135	1,493,610	65	114	122,386	1,626	841,105
29	Brass castings and brass finishing	56	721,589	100,700	71,310	212,642	336,937	72	33	45,586	426	248,622
30	Brassware	67	1,668,647	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	5,743,815
32	Bridges	8	782,500	40,700	103,000	199,000	439,800	8	19	29,740	925	741,402
33	Bronze castings	5	338,961	62,000	17,500	85,127	174,334	5	32	37,411	296	177,133
34	Brooms and brushes	84	1,575,070	46,250	68,467	160,914	1,299,439	99	131	98,837	1,396	550,453
35	Buttons	33	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	7,915,870	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	103,208	1,616	598,191
40	Carpets, rag	21	24,264	3,290	2,145	3,026	15,803	22	2	1,000	20	11,390
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	1,375
43	Carriages and sleds, children's	14	70,325	5,500	9,300	6,625	48,900	15	3	2,190	83	45,616
44	Carriages 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	212,638	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	1,895,954	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	4,437,028	430,000	602,469	1,276,426	2,128,133	10	159	214,554	377	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	546	167,490
51	Cleansing and polishing preparations	25	407,760	37,500	42,500	68,410	259,350	26	50	52,436	206	95,553
52	Clocks	6	2,399,485	32,000	225,000	268,825	1,873,660	2	51	83,275	1,569	477,484
53	Cloth, sponging and refinishing	22	120,198			57,210	62,988	30	26	20,870	338	177,921
54	Clothing, horse	7	47,389	2,600	950	6,200	37,639	6	3	6,260	58	23,706
55	Clothing, men's, custom work and repairing.	3,284	8,614,126	475,175	810,405	587,677	6,740,869	3,567	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	393,349	3,108,053	1,596	309	256,384	7,351	3,397,550
59	Clothing, women's, factory product	1,607	27,388,909	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	713,591	15	85	99,150	586	317,364
62	Combs	5	158,650			16,100	142,550	7	22	13,270	186	85,585
63	Confectionery	530	6,516,643	970,782	1,213,346	1,555,837	2,776,678	569	738	780,260	5,536	2,131,107
64	Cooperage	90	3,275,326	275,703	788,237	491,115	1,720,271	108	47	71,108	1,902	912,298
65	Cordage and twine	11	6,722,552	345,300	625,200	1,474,923	4,277,129	4	93	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	228,061			33,425	194,636	23	19	17,120	167	66,133
68	Corsets	55	726,650	1,800	1,200	142,886	580,764	64	91	103,953	1,326	400,796
69	Cotton goods	6	561,785	2,600	4,000	256,915	298,270	5	16	37,874	342	109,412
70	Cotton small wares	12	239,330			95,995	143,335	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	350,365	504,290	2,564,775	40	223	332,043	973	397,322
74	Drug grinding	10	729,269	27,000	53,000	74,991	574,278	14	30	38,914	150	66,607
75	Dyeing and cleaning	235	1,117,576	103,882	200,919	270,630	542,145	277	182	88,413	1,037	472,932
76	Dyeing and finishing textiles	32	1,709,051	224,659	326,589	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	112,735	498,520	4	28	32,430	332	217,335
78	Electrical apparatus and supplies	104	8,781,700	613,872	1,636,785	1,662,221	4,868,822	95	900	685,404	4,768	2,362,897
79	Electrical construction and repairs	208	968,658	33,800	46,500	160,265	728,093	243	154	130,508	1,082	726,604
80	Electroplating	79	201,541			113,814	87,727	102	18	14,012	429	236,282
81	Enameling and enameled goods	21	2,660,084	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 diesinking	101	192,918	6,300	1,500	91,441	93,677	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	10,535	16,786	35	1	520	57	46,400
86	Envelopes	9	565,804			335,000	230,804	5	89	91,986	534	229,793
87	Fancy articles, not elsewhere specified	185	1,738,276	120,500	120,300	374,402	1,123,074	182	231	176,880	1,686	659,921
88	Fertilizers	10	2,207,337	215,350	502,766	662,427	826,794	7	83	88,786	680	829,404
89	Files	6	78,900	18,000	16,500	21,200	23,200	9	1	364	66	35,676
90	Fire extinguishers, chemical	5	95,375			8,375	87,000	1	18	12,500	18	15,560
91	Fireworks	8	406,171	42,000	77,710	84,246	203,015	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 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.										
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	9,320	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	8,908	349,734	60,157	5,082,725	5,044,972	37,753	9,124,495	24
1,058	597,939	18	4,898	10	1,923	574,215	96,674	43,980	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	25,327		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	265,046	84,545	18,506	121,812	40,183	2,842,330	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	677,535	21,575	1,264,009	29
1,126	590,672	268	69,447	25	4,188	164,306	53,127	3,839	89,503	17,837	1,171,577	1,140,913	30,664	2,424,530	30
9,036	5,274,525	1,666	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	32,239,307	31
925	741,402					20,619	2,616	4,568	13,435		872,870	863,855	9,015	1,906,088	32
292	176,558			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		26,691	10,600	608,655	601,503	7,152	1,457,145	35
31	13,788					4,355	2,390		1,965		18,703	17,533	1,170	49,692	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	226,874	3,009,856	10,490,605	10,433,070	57,535	26,061,584	38
592	280,321	845	285,722	179	32,148	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	455,987	41
3	1,375					801	438		263	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	395,534	193,083	37,210	97,541	7,700	1,409,529	1,368,617	40,912	4,317,872	44
923	550,163	25	8,265			13,550	3,000	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
60	29,256	51	15,477	4	585	17,241	9,964	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	2,099,872	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	861,564	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	4,340	375,642	53
18	8,256	36	14,950	4	500	7,343	6,000	23	1,320		77,049	76,417	632	137,358	54
7,334	4,559,900	673	238,249	43	7,614	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	3,092,119	134	19,644	17,259,186	1,405,508	26,557	2,048,059	13,779,062	52,489,787	52,334,799	154,988	103,230,201	56
220	105,901	197	55,521	11	1,788	17,183	8,173	456	7,954	600	41,788	39,472	2,316	299,531	57
2,227	1,486,891	5,058	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	49,408	8,222,182	1,866,250	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	17,279,301	17,163,858	115,443	21,346,195	60
401	263,400	184	53,864	1	100	115,454	49,164	705	65,525		453,893	445,269	8,624	1,210,814	61
171	81,985	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	27,810	1,322,590	399,490	54,320	866,745	2,035	8,220,657	8,085,596	135,061	14,483,900	63
1,841	900,203	14	2,600	47	9,495	233,128	35,736	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	78,147	20,731	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		751,073	742,288	8,785	1,721,623	68
106	55,297	233	53,725	3	390	57,199	18,303	1,710	37,186		480,220	472,352	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	394,663	70
147	86,947	1	216	3	460	39,435	10,418		19,017	10,000	97,134	94,051	3,083	295,785	71
51	32,752	45	12,818			20,310	3,340		16,770	200	353,174	351,610	1,564	557,000	72
624	296,412	346	100,365	3	545	639,799	41,156	22,430	570,213		3,624,324	3,539,533	84,791	6,014,762	73
105	58,357	40	8,000	5	250	49,221	16,998	1,033	19,140	12,050	1,152,225	1,141,542	10,683	1,492,763	74
591	325,407	435	145,106	11	2,419	324,247	95,450	7,777	207,520	13,500	444,737	403,999	40,738	1,749,264	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	3,990	7,535	37,215		809,454	796,191	13,263	1,372,500	77
4,273	2,210,971	469	147,381	26	4,595	646,740	101,113	35,038	470,010	40,579	5,903,203	5,816,873	86,330	10,851,350	78
1,072	724,202	2	760	8	1,642	134,391	65,997	1,969	61,708	4,717	1,843,079	1,834,425	8,654	2,940,631	79
406	229,641	11	4,089	12	1,952	53,862	39,587	343	11,997	1,935	184,621	121,443	13,178	608,856	80
1,162	462,634	212	52,589	34	11,657	34,785	7,830	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	1,974	34,247	25,706	170	5,161	3,210	39,845	33,897	5,948	431,312	83
1,013	877,489	581	246,704	41	7,223	243,549	157,754	20,429	50,741	14,625	708,271	697,547	10,724	2,664,271	84
53	45,768	2	320	2	312	19,140	7,019	40	2,706	9,375	12,383	12,136	247	138,815	85
145	86,458	389	143,340			76,324	37,618	504	38,202		596,904	589,630	7,274	1,090,270	86
822	417,072	818	235,094	46	7,755	250,492	84,563	3,250	148,985	13,694	1,277,642	1,260,623	17,019	3,034,742	87
680	329,404					107,642	6,740	12,698	88,204		1,047,625	891,521	156,104	1,765,143	88
66	35,676					2,469	228	821	1,420		16,002	13,122	2,880	70,700	89
18	15,560					15,526	1,466	390	12,670	1,000	22,916	22,450	466	88,035	90
829	135,702	128	33,610	38	10,025	24,502	5,250	1,612	16,040	1,600	304,740	302,375	2,365	735,511	91

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
92	Fish, canning and preserving	7	$51,915	$13,300	$13,200	$4,215	$20,700	12	4	$2,620	23	$13,074
93	Flags and banners	10	396,885			43,060	353,825	14	25	30,112	190	62,037
94	Flavoring extracts	45	357,136			36,139	320,997	60	110	108,551	149	79,387
95	Flouring and grist mill products	11	8,230,518	4,055,000	2,039,000	748,543	1,387,975	11	90	158,862	543	314,765
96	Food preparations	87	1,980,790	131,300	398,000	375,787	1,075,703	104	188	206,257	1,133	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	1,904	2,418,331	19,560	11,397,201
98	Fruits and vegetables, canning and preserving.	6	1,732,932	86,500	90,000	33,835	1,522,597	4	27	46,880	379	118,693
99	Fur goods	512	6,917,625	162,000	64,340	293,640	6,397,645	765	629	616,631	4,184	2,386,148
100	Fur hats	7	1,447,308	178,000	278,000	290,195	701,113	4	72	138,592	1,395	866,652
101	Furnishing goods, men's	223	7,675,454	389,200	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	307,132	1,951,226	938	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	6,760	3,895,536
104	Furs, dressed	35	430,840	58,850	67,750	100,140	204,100	40	23	25,140	457	297,114
105	Galvanizing	4	71,077	6,000	4,000	11,948	49,129	4	10	10,342	41	21,239
106	Gas and lamp fixtures	68	3,049,874	151,000	129,908	754,952	2,014,014	77	280	346,777	2,101	1,153,991
107	Gas and oil stoves	7	433,655			46,934	386,721	8	29	26,297	167	83,437
108	Gas, illuminating and heating	13	134,177,693	21,071,975	21,502,512	61,155,817	30,447,389		961	1,030,579	4,065	3,037,265
109	Gas machines and meters	9	496,329	78,706	79,397	113,667	224,559	7	32	40,055	240	151,097
110	Glass	9	848,907	117,525	99,900	127,743	503,739	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			31,060	214,350	38	27	24,780	483	191,851
113	Glue	5	180,680			30,580	150,100	6	13	18,446	28	18,752
114	Gold and silver, leaf and foil	36	401,891	57,000	44,600	74,945	225,346	43	20	22,400	446	199,799
115	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	38,624
116	Grease and tallow	12	999,877	133,900	206,739	193,788	465,450	15	44	56,030	334	185,590
117	Hairwork	68	457,365	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	84,369
119	Hand stamps	33	251,051			109,579	141,472	37	16	18,326	212	102,453
120	Hardware	32	898,853	18,600	20,000	369,935	490,318	36	73	90,115	703	336,209
121	Hardware, saddlery	7	40,050			22,300	17,750	9	4	2,444	47	28,420
122	Hat and cap materials	28	754,675	35,500	38,500	108,885	571,790	37	24	27,918	610	196,313
123	Hats and caps, not including fur hats and wool hats.	256	2,474,510	79,200	50,800	278,738	2,065,772	372	188	188,971	4,126	1,896,189
124	Hosiery and knit goods	59	2,626,598	70,200	297,827	628,944	1,629,627	70	148	183,405	2,365	889,189
125	House furnishing goods, not elsewhere specified.	51	979,002	47,000	39,000	202,818	690,244	65	151	117,806	1,213	418,205
126	Ice, manufactured	26	2,042,582	283,104	487,959	1,127,606	143,913	13	45	37,832	256	162,692
127	Ink, printing	22	1,057,264	94,800	230,700	153,176	578,588	22	123	152,092	191	117,041
128	Ink, writing	6	430,623	53,000	61,365	47,222	269,036	8	13	26,099	97	46,788
129	Instruments, professional and scientific	81	761,000	48,000	27,700	201,602	483,698	106	71	58,508	582	341,011
130	Iron and steel	6	1,233,436	160,000	141,500	362,338	569,598	8	47	73,344	706	381,[illegible]
131	Iron and steel, bolts, nuts, washers, and rivets.	4	244,884	34,000	55,000	89,635	66,249	8	12	10,672	96	52,[illegible]
132	Iron and steel, doors and shutters	5	20,700			11,000	9,700	7			30	31,[illegible]
133	Iron and steel, forgings	6	607,703	87,606	96,111	179,018	244,968	5	27	32,651	173	125,[illegible]
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	3	1,836	103	60,570
135	Ironwork, architectural and ornamental.	175	5,833,034	807,000	792,100	1,048,587	2,685,347	214	803	366,887	4,305	2,610,962
136	Ivory and bone work	23	251,396	7,000	19,000	57,393	168,003	31	22	22,206	306	126,415
137	Japanning	7	9,119		700	3,025	5,394	8			18	10,781
138	Jewelry	229	5,454,165	9,500	37,000	663,820	4,743,845	333	282	270,309	2,833	1,901,291
139	Jewelry and instrument cases	33	317,510	7,100	7,200	48,988	254,222	42	28	18,720	395	179,[illegible]
140	Kaolin and other earth grinding	5	77,704	13,000	8,706	13,948	42,050	9	2	2,520	38	23,[illegible]
141	Kindling wood	12	329,297	152,500	72,500	53,350	50,947	19	15	12,580	179	104,[illegible]
142	Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,[illegible]
143	Lamps and reflectors	28	767,148	14,100	17,500	201,654	533,894	26	104	109,531	603	310,[illegible]
144	Lapidary work	37	2,975,775	33,600	305,500	57,900	2,578,775	49	34	45,761	398	450,[illegible]
145	Lasts	8	78,742			32,448	46,294	7	10	13,087	103	58,[illegible]
146	Lead, bar, pipe, and sheet	5	534,500	25,000	15,000	106,500	388,000	7	22	28,180	77	41,[illegible]
147	Leather goods	113	2,685,149	27,400	28,100	291,166	2,338,483	143	282	271,491	2,826	1,126,[illegible]
148	Leather, tanned, curried, and finished	17	2,365,141	77,600	186,300	236,979	1,864,262	25	29	32,596	750	362,114
149	Lime and cement	11	1,555,379	274,000	261,500	526,701	493,178	10	54	63,496	747	359,590
150	Liquors, malt	89	65,585,624	9,871,952	13,904,167	9,829,617	31,988,888	30	991	2,543,117	4,824	3,853,[illegible]
151	Lithographing and engraving	94	10,658,023	204,000	603,526	4,732,339	5,118,158	95	572	862,783	5,474	3,063,[illegible]
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	1,234,196	19,400	73,500	181,305	959,991	247	123	133,403	1,244	670,[illegible]
154	Lumber and timber products	7	390,148	29,874	14,200	104,305	241,769	8	22	22,962	194	118,836
155	Lumber, planing mill products, including sash, doors, and blinds.	126	5,811,731	701,827	864,072	887,063	3,353,769	173	267	328,237	3,620	2,094,242
156	Malt	3	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	5,592,977	985,200	471,818	1,404,684	2,731,275	225	221	274,642	3,771	2,880,158
159	Masonry, brick and stone	333	9,891,263	798,000	636,290	996,255	7,460,723	461	428	576,145	10,236	7,039,282
160	Mattresses and spring beds	95	813,266	6,000	3,000	96,561	707,705	122	104	130,405	852	443,274
161	Millinery and lace goods	383	7,692,055	52,450	65,000	1,104,050	6,470,555	559	1,180	1,052,169	11,213	4,014,101

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
23	$13,074					$9,327	$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	3,878	21,880	213,973		7,887,151	7,801,223	85,928	8,813,487	95
812	366,903	316	68,772	5	924	323,537	65,459	12,584	245,494		2,698,556	2,651,300	47,256	4,442,717	96
19,237	11,306,224	271	79,556	52	11,421	3,808,701	561,451	256,676	2,991,579	898,995	16,034,336	15,464,326	570,010	41,089,475	97
147	65,317	227	52,908	5	468	31,448	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	8,492,993	8,407,313	25,620	15,238,840	99
946	678,120	445	187,926	4	606	132,378	8,100	4,283	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	3,389	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	18,246,405	103
449	292,510	7	4,304	1	300	29,492	11,918	1,856	15,718		234,802	223,838	10,964	749,288	104
41	21,229					4,260	2,740	340	1,180		149,487	147,562	1,925	229,253	105
2,061	1,143,662	28	8,191	12	2,138	334,969	81,544	24,431	227,268	1,726	1,375,992	1,335,833	40,159	8,720,229	106
167	83,437					44,034	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	17,116,089	108
226	147,582	14	3,465			31,678	7,446	5,147	19,085		269,762	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	21,317	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	391,800	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
328	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	6,414	142	27,955			8,525	4,865	231	2,449	980	45,534	45,454	80	137,870	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	313	69,426	28	2,992	54,321	18,364	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	829,888	188,604	2,826	119,911	18,547	4,054,872	4,026,642	28,230	7,932,431	123
438	255,180	1,889	628,330	38	5,670	226,345	45,146	3,030	122,752	55,417	1,786,700	1,772,041	14,659	3,480,937	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					160,868	30,576	11,399	98,312	20,576	230,507	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	1,380,503	127
54	34,486	43	12,272			42,103	8,845	3,203	30,055		255,430	253,587	1,843	499,211	128
550	333,433	25	9,116	7	1,493	81,636	38,173	1,678	33,588	8,197	251,530	241,142	10,388	982,843	129
796	381,396					66,054	16,640	8,611	40,803		528,382	467,770	60,612	1,235,909	130
94	51,942			2	728	13,992	225	1,374	3,393	9,000	103,840	104,560	4,280	219,572	131
30	31,534					4,211	3,252		959		26,260	25,518	742	87,080	132
173	125,381					49,304	1,420	2,184	45,700		141,926	127,483	14,443	467,975	133
101	59,870	1	200	1	500	6,647	3,380	1,260	1,997	10	212,859	208,055	4,754	349,414	134
4,297	2,638,830	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	10,380	383	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	6,718	657	26,110	137
2,266	1,729,090	440	151,511	127	20,690	458,436	138,833	2,338	234,282	82,483	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	15,938	20,340	235,514	230,669	4,845	657,641	139
38	22,300					7,458	2,800	361	4,297		73,067	66,955	6,112	134,475	140
176	103,616			3	450	30,558	14,528	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	400	106,631	34,973	2,643	57,815	11,200	507,635	499,062	8,573	1,243,388	143
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	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		1,810,476	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	88	26,730			63,083	14,860	3,260	44,963		2,473,878	2,454,557	19,321	3,331,136	148
740	357,130	5	2,060	2	400	154,445	32,200	14,186	107,759	300	752,713	683,680	69,033	1,736,858	149
4,816	3,851,219	6	1,584	2	720	19,253,530	80,340	378,109	18,795,081		7,688,529	7,085,073	603,456	39,105,837	150
4,416	2,794,348	829	284,787	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	9,506	1,125	139,064	130,757	8,307	629,476	152
1,172	655,673	53	11,522	10	3,333	270,156	146,284	4,977	109,363	9,532	1,244,745	1,233,125	11,620	2,964,261	153
194	118,836					54,299	26,775	1,016	26,508		210,026	209,726	300	470,372	154
3,611	2,092,430			9	1,812	464,955	136,754	36,448	237,947	53,811	5,250,541	5,201,165	49,376	9,290,689	155
200	72,632					63,784	1,982	11,906	49,896		701,558	679,188	22,370	879,201	156
285	203,651			1	200	92,175	4,450	1,114	86,611		250,253	247,963	2,290	701,266	157
3,771	2,880,158					580,940	140,693	31,856	271,432	136,959	3,358,340	3,286,559	71,781	8,984,182	158
10,203	7,021,972	25	6,660	8	1,650	16,248,273	114,213	36,866	424,029	15,673,165	14,110,501	14,056,376	54,125	43,353,473	159
694	381,714	158	61,560			165,804	83,653	650	73,881	7,620	1,434,822	1,425,439	9,383	2,744,134	160
1,898	1,114,172	9,218	2,882,563	97	17,366	1,136,541	518,567	8,565	509,013	100,396	11,163,633	11,088,958	74,675	20,983,956	161

TABLE 8.—MANUFACTURES IN CITIES

NEW YORK CITY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	2,836	$1,087,131
163	Mineral and soda waters	279	4,209,724	705,100	723,622	1,632,420	1,148,582	340	212	233,775	1,781	1,041,297
164	Mirrors	31	1,426,584	10,000	30,000	177,849	1,208,735	51	91	106,550	913	509,186
165	Models and patterns	72	410,185	22,500	43,500	121,808	222,327	87	26	27,354	414	297,291
166	Monuments and tombstones	111	1,087,399	211,820	111,543	115,798	648,288	127	28	31,598	713	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	145,900	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	1,093,034	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	19	9,670	22	17,415
172	Oil, lard	3	218,773	15,000	15,000	13,516	175,257	3	14	14,142	47	25,931
173	Oil, linseed	3	1,603,942	600,000	202,000	230,321	571,621	1	7	13,560	99	55,140
174	Oil, not elsewhere specified	36	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	406,650	72	88	78,460	291	157,818
176	Painting, house, sign, etc	1,688	3,958,615	414,850	411,700	589,394	2,542,671	1,970	251	186,930	8,114	6,703,689
177	Paints	61	10,354,097	2,064,180	958,937	1,310,897	6,020,083	22	420	640,800	1,970	1,065,584
178	Paper goods, not elsewhere specified	57	3,363,376	252,000	457,704	737,427	1,916,245	70	241	307,754	1,725	645,865
179	Paper hanging	21	116,208	900	900	12,028	102,380	23	2	1,280	160	71,307
180	Paper hangings	12	3,697,501	115,000	229,980	1,180,259	1,572,352	6	197	352,421	1,693	911,373
181	Paper patterns	5	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	942,530	1,088,694	645,623	4,579,423	155	716	839,297	1,578	671,519
183	Paving and paving materials	40	8,700,607	4,397,913	315,505	1,076,390	2,910,799	35	113	137,717	1,489	754,986
184	Pens, fountain and stylographic	9	261,670			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	1,888,134	5,700	52,700	163,063	1,161,671	70	264	334,203	569	199,335
187	Phonographs and graphophones	3	77,800			46,600	31,200	1	2	5,000	66	38,672
188	Photographic apparatus	8	126,011			18,850	107,161	4	17	19,050	79	40,620
189	Photographic materials	13	62,145	2,400	2,000	27,550	30,195	16	11	7,690	67	24,646
190	Photography	393	1,021,997	44,750	50,350	422,958	503,939	432	125	114,115	870	481,180
191	Photolithographing 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	698	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 stuccework	115	608,816	30,700	13,700	111,887	452,529	166	37	40,640	1,013	817,797
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	169,700	121,800	295,193	675,785	26	103	125,433	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	840,937	12,500	41,000	28,796	258,641	61	62	47,776	519	233,539
199	Pottery, terra cotta, and fire-clay products.	17	1,867,408	556,640	490,915	257,929	561,924	15	74	91,143	934	394,029
200	Printing and publishing, book and job	996	19,107,954	564,000	586,892	9,632,219	8,324,843	1,190	1,552	1,689,166	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	3,044,700	2,579,635	9,646,972	25,595,242	279	6,146	7,981,267	9,888	7,701,093
203	Printing materials	16	315,497			134,806	180,691	11	20	26,051	121	69,741
204	Refrigerators	13	533,289	66,500	120,000	69,550	277,239	16	23	21,849	419	191,256
205	Regalia and society banners and emblems.	32	174,348			26,751	147,597	35	24	17,977	101	40,508
206	Roofing and roofing materials	197	1,627,003	323,900	274,168	240,809	788,126	222	78	108,318	946	601,687
207	Rubber and elastic goods	50	3,378,258	154,923	240,341	644,972	2,338,022	55	192	252,601	1,871	739,368
208	Saddlery and harness	364	1,081,290	121,474	128,476	110,407	723,933	383	43	43,105	768	432,578
209	Safes and vaults	8	446,425	70,000	9,000	301,625	65,800	2	3	3,996	35	22,854
210	Sausage	28	190,383	39,200	50,500	31,924	68,759	32	10	8,424	34	53,118
211	Saws	6	25,565	4,600	4,000	10,900	6,065	6	1	500	9	4,932
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	94	117,561	10,000	13,300	22,750	71,511	103	2	988	85	45,876
214	Sewing machines and attachments	11	126,282			37,650	88,632	12	42	27,572	75	40,672
215	Ship and boat building, wooden	83	3,974,116	938,732	422,212	1,047,141	1,566,031	118	77	117,576	2,484	1,493,448
216	Shipbuilding, iron and steel	7	1,918,982	784,566	169,086	410,953	604,377	5	50	86,895	1,445	879,667
217	Shirts	216	4,689,730	58,000	85,000	281,656	4,265,074	316	543	426,405	4,506	1,877,086
218	Show cases	11	151,074	16,000	7,000	28,700	99,374	12	23	19,859	226	119,649
219	Silk and silk goods	68	7,073,106	132,700	248,830	2,046,271	4,645,305	70	252	375,420	5,536	2,239,419
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	1,589,309	18	189	203,750	1,159	672,684
222	Slaughtering and meat packing, wholesale.	22	1,557,303	292,250	341,000	242,517	681,536	38	102	102,316	508	308,627
223	Slaughtering, wholesale, not including meat packing.	30	7,709,958	835,000	2,290,000	832,150	3,752,808	38	253	308,538	1,424	994,899
224	Smelting and refining, not from the ore	7	819,291	150,700	69,500	46,350	552,741	9	75	97,378	160	126,995
225	Soap and candles	50	4,054,753	533,912	417,426	771,749	2,331,666	50	192	243,797	981	467,582
226	Soda water apparatus	8	689,734	8,000	10,000	118,308	553,426	7	63	62,122	287	115,410
227	Sporting goods	35	340,611	13,000	13,000	52,915	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	4,016,303	246,000	804,500	979,533	1,986,270	45	155	174,959	2,772	1,079,128
230	Stationery goods, not elsewhere specified.	35	1,091,353	155,012	135,125	200,820	600,396	38	100	97,311	639	256,778
231	Steam fittings and heating apparatus	27	2,365,199	159,700	186,060	499,123	1,520,316	31	152	273,020	1,332	837,475

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
88	$44,407	2,723	$1,039,138	25	$3,586	$526,190	$396,161	$5,397	$123,007	$1,625	$2,900,491	$2,886,070	$14,421	$6,023,164	162
1,761	1,036,832	4	1,275	16	3,100	512,866	110,904	35,817	366,145	------	1,814,248	1,274,907	39,341	4,240,811	163
330	486,896	70	19,840	13	2,450	188,817	72,175	1,566	110,276	4,800	2,466,645	2,447,702	18,943	3,884,443	164
351	277,540	59	18,681	4	980	60,721	29,872	10,714	16,635	3,500	182,243	171,186	11,057	766,427	165
713	536,170	------	------	------	------	76,177	32,882	4,694	31,381	7,720	779,504	772,184	7,320	1,769,800	166
33	19,194	2	900	------	------	29,412	7,600	237	21,485	------	102,519	99,445	3,074	213,420	167
298	184,801	44	10,390	8	2,000	43,893	21,254	2,058	19,281	1,300	209,184	203,539	5,645	566,167	168
83	70,512	------	------	2	500	11,327	6,280	562	4,385	100	93,362	91,531	1,831	230,290	169
5,501	3,370,396	6	1,708	157	25,418	1,021,742	201,586	58,065	695,676	66,415	5,560,993	5,486,187	74,746	12,650,905	170
21	16,990	1	425	------	------	34,479	2,417	1,200	30,862	------	186,123	179,480	6,643	272,161	171
46	25,695	1	239	------	------	39,040	7,192	1,972	29,876	------	508,527	505,255	3,272	675,611	172
99	55,140	------	------	------	------	30,323	400	6,514	23,409	------	1,221,300	1,206,573	14,727	1,372,259	173
201	124,207	7	1,708	1	312	94,696	27,006	2,641	64,849	200	1,965,051	1,956,463	8,588	2,796,531	174
228	141,032	53	15,098	10	1,688	82,996	48,130	5,870	27,756	1,240	533,338	527,312	6,026	1,093,672	175
3,028	6,677,113	58	21,677	28	4,899	919,714	400,738	15,700	239,814	263,462	3,752,766	3,726,155	26,611	13,978,421	176
1,794	1,020,665	170	43,539	6	1,380	716,014	97,503	58,670	554,841	5,000	7,610,946	7,500,618	110,328	11,407,160	177
800	400,307	882	239,073	43	6,485	369,612	87,784	14,625	248,203	19,000	2,240,083	2,205,312	34,771	4,003,799	178
160	71,307	------	------	------	------	8,606	6,495	32	1,279	800	78,651	73,394	257	238,396	179
1,430	835,256	215	65,833	48	10,284	203,765	86,863	17,713	99,189	------	2,004,702	1,944,217	60,485	3,888,432	180
64	57,495	561	132,069	------	------	21,981	6,600	1,816	13,565	------	86,420	85,960	460	387,800	181
792	449,649	781	221,044	5	826	3,438,778	138,774	44,322	3,208,871	46,811	2,898,491	2,850,436	48,055	9,792,820	182
1,487	754,680	------	------	2	306	167,412	34,393	11,166	120,353	1,500	1,747,370	1,702,859	44,511	3,495,563	183
94	44,620	10	3,550	1	225	72,371	11,620	142	58,609	2,000	295,550	293,714	1,836	524,079	184
273	181,517	28	10,106	------	------	27,845	12,574	271	11,600	3,400	264,138	261,125	3,013	657,693	185
164	89,704	398	108,288	7	1,343	341,809	66,035	5,108	270,366	300	1,250,702	1,243,950	6,752	2,605,514	186
56	34,672	10	4,000	------	------	6,546	2,840	48	3,658	------	46,148	45,800	348	119,980	187
73	37,770	6	2,250	------	------	20,493	5,508	87	11,838	3,000	26,949	25,970	979	141,472	188
42	18,544	24	5,920	1	182	8,499	5,674	100	2,725	------	54,565	53,855	710	131,280	189
674	401,398	180	76,493	16	3,289	323,875	241,588	2,101	73,111	7,075	623,605	614,633	8,972	2,232,130	190
644	505,781	12	10,225	11	2,110	85,732	49,572	864	29,421	6,375	206,338	193,996	12,342	1,090,257	191
395	213,030	295	86,246	8	1,500	340,562	69,557	6,818	264,127	------	1,747,762	1,726,903	20,859	2,877,471	192
692	421,931	137	54,020	8	1,570	83,463	29,204	145	42,974	11,140	801,790	792,359	9,431	1,678,350	193
976	395,751	30	10,546	7	1,500	96,259	48,790	2,180	19,145	26,144	324,535	320,593	3,942	1,575,292	194
179	87,460	31	8,756	1	156	22,550	10,052	330	12,028	140	112,400	107,252	5,148	335,413	195
509	286,939	------	------	2	686	125,523	32,020	8,839	72,176	12,488	900,177	885,979	14,198	1,664,212	196
3,065	5,751,109	1	225	83	18,864	751,945	425,291	21,482	192,179	112,993	10,016,830	9,917,498	99,332	21,194,749	197
401	190,764	133	40,789	15	1,986	48,515	18,494	730	27,129	2,162	431,759	429,233	2,526	932,957	198
807	360,137	127	33,892	------	------	198,993	4,210	15,254	179,529	------	214,625	127,315	87,310	1,144,780	199
10,829	6,997,211	1,915	739,681	118	23,555	4,404,740	910,590	37,983	1,356,218	2,099,949	7,206,921	6,959,448	247,473	26,484,993	200
190	110,066	23	9,240	2	430	251,297	37,387	250	40,234	173,426	160,647	156,599	4,048	853,862	201
3,065	6,997,136	1,736	687,673	87	16,284	13,556,498	990,740	203,090	6,788,564	5,574,104	12,168,060	11,734,348	433,712	51,397,304	202
113	67,211	8	2,530	------	------	28,049	15,884	300	11,865	------	141,323	136,846	4,477	355,227	203
414	190,106	------	------	5	1,150	63,781	9,348	4,031	30,402	20,000	367,892	363,985	3,907	758,054	204
26	15,160	75	25,448	------	------	46,505	18,489	86	14,460	13,470	143,788	143,031	757	301,104	205
941	600,969	1	468	4	250	174,637	47,402	6,888	105,822	14,525	1,140,421	1,109,688	30,733	2,429,984	206
844	461,138	987	270,571	40	7,659	270,751	52,427	10,129	174,475	33,720	2,606,126	2,558,562	47,564	4,663,440	207
715	420,396	37	11,000	6	1,182	171,308	106,136	4,371	60,496	305	683,008	674,492	8,516	1,842,573	208
35	22,854	------	------	------	------	4,575	2,820	1,365	390	------	22,386	20,886	1,500	60,803	209
84	53,118	------	------	------	------	20,316	9,781	1,338	8,381	816	341,388	335,732	5,656	480,595	210
9	4,982	------	------	------	------	5,321	806	100	1,115	3,300	8,230	7,844	386	27,800	211
137	68,505	------	------	1	150	39,337	27,992	1,942	9,903	------	65,479	63,092	2,387	245,415	212
83	45,136	2	740	------	------	27,054	22,420	232	4,102	300	70,119	68,646	1,473	225,766	213
75	40,672	------	------	------	------	22,507	6,810	56	15,131	510	48,072	46,375	1,697	191,006	214
2,446	1,485,034	9	4,136	29	4,278	144,872	58,872	18,580	56,779	10,641	1,267,853	1,244,991	22,862	3,919,304	215
1,437	876,911	2	936	6	1,820	74,101	11,400	13,919	23,782	25,000	741,189	726,082	15,107	2,212,315	216
1,928	1,060,146	2,561	813,649	17	3,291	2,812,342	208,714	2,599	501,440	2,099,589	7,240,088	7,215,214	24,874	14,212,181	217
218	118,049	8	1,600	------	------	23,572	12,579	725	9,268	1,000	171,627	168,237	3,390	410,055	218
2,286	1,170,249	3,069	1,010,345	181	28,825	1,309,980	166,863	18,408	399,800	724,909	4,714,785	4,656,514	58,271	9,521,354	219
414	275,857	57	21,914	6	880	41,754	18,104	860	21,640	1,150	450,737	445,185	5,552	1,028,361	220
1,964	615,364	66	46,570	29	10,750	249,231	58,485	15,234	172,512	3,000	1,240,726	1,224,272	16,454	2,741,994	221
500	305,933	5	2,000	3	694	103,220	29,573	11,984	121,663	------	7,038,012	7,015,503	22,509	7,955,806	222
1,423	994,595	1	304	------	------	725,813	75,410	39,572	610,132	699	30,975,865	30,897,895	77,970	34,923,412	223
160	126,905	------	------	------	------	126,639	4,809	3,219	118,611	------	1,428,039	1,404,813	23,226	2,073,751	224
743	400,319	180	57,422	58	9,841	1,571,713	93,065	17,415	1,457,996	3,237	4,529,480	4,479,450	50,030	7,729,792	225
277	113,269	9	1,985	1	156	72,918	17,878	5,103	50,137	------	246,124	241,395	4,729	694,148	226
120	58,928	88	24,262	9	2,300	21,031	11,346	710	8,225	750	86,016	83,123	2,893	283,626	227
54	24,115	------	------	------	------	11,975	5,120	787	2,568	3,500	56,805	52,879	3,926	135,391	228
1,309	860,376	733	196,122	225	22,630	315,885	37,660	14,632	257,743	5,850	1,892,085	1,814,534	77,551	4,059,668	229
228	125,162	404	130,303	7	1,313	143,376	36,060	3,810	97,706	5,800	695,313	626,209	9,104	1,511,850	230
1,266	821,005	64	15,950	2	520	326,403	45,492	7,364	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.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
232	Steam packing	21	$253,364	$4,000	$5,000	$56,998	$187,366	22	43	$51,582	83	$49,366
233	Stencils and brands	17	107,913			68,873	39,040	24	6	6,388	133	62,887
234	Stereotyping and electrotyping	26	603,754	8,000	4,000	252,972	338,782	29	70	66,001	403	338,762
235	Sugar and molasses, refining	12	62,423,250	6,930,303	5,262,763	11,065,097	39,165,087	18	334	483,913	3,075	1,791,629
236	Surgical appliances	41	158,947	2,600	1,400	42,808	112,139	40	32	24,010	117	64,642
237	Taxidermy	12	72,929	2,600	4,800	1,179	64,350	18	5	3,224	38	26,142
238	Tin and terne plate	4	245,579	20,100	44,300	35,179	146,000	2	23	23,430	55	25,399
239	Tinfoil	7	1,821,557	101,500	1,002,500	441,800	275,757	7	28	42,832	396	167,488
240	Tinsmithing, coppersmithing, and sheet-iron working.	821	6,550,984	621,498	840,668	1,569,851	3,518,967	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	758	252,741
242	Tobacco, cigars and cigarettes	1,841	15,669,371	698,666	906,681	895,332	13,168,692	2,044	937	1,191,016	20,519	8,875,882
243	Tools, not elsewhere specified	52	1,416,800	38,400	52,375	92,764	1,233,261	66	25	19,245	239	138,313
244	Toys and games	38	531,161	15,500	24,250	140,885	350,526	46	33	36,788	463	172,958
245	Trunks and valises	75	808,933	22,000	19,000	74,923	693,010	92	93	77,084	910	475,242
246	Type founding	5	563,000			319,000	244,000	3	29	45,421	271	148,248
247	Typewriter repairing	6	9,730			5,200	4,530	4	5	8,900	27	20,459
248	Typewriters and supplies	14	997,719	50,000	40,000	362,885	544,834	7	96	87,102	466	251,365
249	Umbrellas and canes	106	1,559,413	33,600	53,500	170,136	1,302,177	147	193	155,713	1,560	603,218
250	Upholstering materials	27	371,205	16,000	9,800	53,169	292,236	40	46	38,485	475	182,326
251	Varnish	32	5,476,228	526,018	608,087	414,215	3,927,908	18	288	620,430	521	335,291
252	Vault lights and ventilators	8	78,600	2,500	4,000	32,600	39,500	10	5	9,180	98	56,660
253	Vinegar and cider	8	229,314	29,000	45,000	66,661	88,653	8	3	2,368	63	35,633
254	Watch and clock materials	3	11,968			5,600	6,368	2	1	411	3	1,221
255	Watch cases	12	780,763	10,500	26,295	141,198	602,770	10	33	65,339	479	340,229
256	Watch, clock, and jewelry repairing	889	909,624	45,900	82,550	217,386	563,788	957	33	27,438	749	454,859
257	Whalebone and rattan	3	56,200			4,200	52,000	3			14	7,856
258	Whips	4	4,850			1,350	3,500	4			8	3,708
259	Window shades	52	875,728	84,401	41,999	122,301	627,027	60	69	79,862	340	158,287
260	Wirework, including wire rope and cable.	65	768,853	96,608	90,496	167,625	414,124	79	60	64,432	573	282,244
261	Wood, turned and carved	104	470,640	28,400	39,500	178,080	224,660	126	21	14,760	526	332,503
262	Woodenware, not elsewhere specified	3	8,250			2,100	6,150	6			22	10,240
263	Woolen goods	9	1,231,491	80,000	97,882	378,378	675,231	11	100	90,406	878	238,041
264	All other industries[1]	57	24,061,532	3,335,823	2,602,308	7,687,321	10,536,080	61	460	867,250	7,300	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 rehandling, 1; felt goods, 1; firearms, 1; hones and whetstones, 1; jute and jute goods, 2; lard, refined, 2; leather board, 1; liquors, vinous, 1; mats and matting, 2; millstones, 1; needles and pins, 1; oilcloth, enameled, 1; oilcloth, floor, 2; ordnance 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, car fare, 1;

BOROUGH OF BROOKLYN.

1	All industries	10,713	$271,375,301	$31,640,913	$40,350,331	$61,067,106	$138,316,951	11,708	7,332	$9,389,992	100,881	$51,107,604
2	Artificial feathers and flowers	8	30,409	12,000	8,000	7,895	2,514	7			33	11,378
3	Awnings, tents, and sails	43	69,243	4,050	5,950	14,620	44,623	48	8	4,160	111	56,112
4	Baskets, and rattan and willow ware	15	192,060	14,045	26,453	48,859	102,703	15	11	13,793	172	49,351
5	Belting and hose, leather	4	301,589			20,675	280,914	3	18	36,007	109	50,012
6	Bicycle and tricycle repairing	145	189,709	12,750	24,300	66,018	86,641	165	8	4,300	162	84,539
7	Blacksmithing and wheelwrighting	371	1,014,911	282,525	258,215	172,118	302,053	409	18	15,856	793	543,001
8	Bluing	3	10,200	3,500	4,500	550	1,650	5			3	1,144
9	Bookbinding and blank book making	19	415,702	3,000	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			6,550	23,300	3	3	3,000	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	469	195,898
14	Boots and shoes, factory product	44	2,708,740	118,500	213,668	634,391	1,742,181	59	195	204,950	3,494	1,519,228
15	Bottling	33	467,408	59,600	119,050	86,193	202,565	35	26	31,716	242	138,506
16	Boxes, cigar	7	47,300	3,200	4,500	14,250	25,350	10			69	33,376
17	Boxes, fancy and paper	20	223,520	8,700	17,300	96,842	100,678	24	36	31,801	602	183,590
18	Boxes, wooden packing	8	934,174	152,600	157,000	153,725	470,849	10	22	23,196	600	320,537
19	Brass castings and brass finishing	23	370,140	72,700	60,100	89,617	147,723	32	10	11,656	172	91,795
20	Brassware	13	354,300	7,300	9,700	173,900	163,400	12	23	19,900	378	159,248
21	Bread and other bakery products	805	3,251,058	723,049	1,027,634	658,891	841,484	819	294	204,813	2,848	1,710,966
22	Brooms and brushes	30	740,527	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	364,050	341,175	262,346	1,581,202	523	63	55,278	2,574	1,937,094
25	Carpets, rag	10	7,368	1,000	200	1,650	4,518	10			9	3,480
26	Carriages and sleds, children's	8	36,450	1,500	7,500	3,550	23,900	8	1	1,200	46	24,152
27	Carriages and wagons	83	876,835	162,000	176,460	136,875	401,510	108	14	13,820	575	344,326
28	Chemicals	17	2,106,531	149,000	322,118	243,271	1,392,142	8	83	117,859	390	209,543
29	China decorating	7	26,815	5,000	4,000	5,260	12,555	7	5	2,800	31	11,880
30	Chocolate and cocoa products	3	37,983			16,912	21,071	5	6	4,612	23	17,650
31	Cleansing and polishing preparations	4	42,000	6,000	5,000	11,700	19,300	5	6	5,800	28	12,350

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 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.										
80	$48,648	2	$510	1	$208	$47,462	$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	3,500	209,063	191,684	17,379	859,722	234
3,022	1,777,105	53	14,524			2,191,965	22,610	134,060	2,032,537	1,858	84,048,259	83,362,978	685,281	88,598,113	235
63	46,739	52	17,545	2	358	41,804	19,211	132	15,911	6,550	79,013	77,400	1,643	320,290	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	109,489	8	468	1,681,380	22,391	7,723	1,651,266		1,502,284	1,489,780	12,454	8,829,313	241
11,634	5,883,644	8,830	2,984,912	55	7,326	8,128,984	576,667	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	2,466,263	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		269,228	264,085	5,143	910,604	248
691	343,598	860	258,538	9	1,082	266,748	89,650	1,720	148,698	26,680	3,250,329	3,233,364	16,965	5,106,333	249
174	93,784	291	86,563	10	1,979	70,801	25,400	479	31,915	13,007	441,236	437,336	3,900	971,121	250
501	327,399	20	7,892			484,323	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	35,033					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			47,536	8,338	1,033	38,165		1,122,789	1,118,207	4,582	1,787,940	255
668	436,308	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	7,356	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	106,578	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	40,126	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	19,563	650	285,249	266,847	18,402	928,016	261
22	10,240					1,479	1,048		431		6,370	6,180	190	24,480	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	1,145,338	263
5,399	2,719,445	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	86,546,322	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.

77,501	$44,681,557	21,563	$6,131,684	1,814	$294,363	$25,778,955	$3,053,585	$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	26,843	2
75	42,285	36	13,827			18,231	14,239	145	3,350	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	264,309	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	43,764	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	264	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	300	1,029	890		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	15,040	1,000	373,655	359,451	14,204	1,824,276	13
2,328	1,160,691	1,092	347,432	74	11,105	304,339	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	3,040	142,030		663,719	635,987	27,732	1,321,834	15
50	27,240	19	6,136			5,953	2,440	118	3,395		43,412	42,632	780	105,340	16
168	88,164	376	89,352	58	6,074	25,475	15,541	391	9,543		173,291	169,795	3,496	518,465	17
600	320,537					57,500	5,526	7,300	44,674		1,234,017	1,232,672	1,345	1,784,328	18
172	91,795					17,637	7,554	1,719	8,064	300	392,348	382,044	10,304	611,675	19
254	130,571	116	27,427	8	1,250	39,547	16,095	857	22,595		295,649	290,468	5,181	570,675	20
2,656	1,560,642	172	47,342	20	2,982	598,258	261,341	30,582	306,205	130	4,801,905	4,652,830	149,075	9,029,951	21
350	171,257	223	52,778	16	2,248	39,022	10,139	2,891	25,092	900	450,791	444,889	5,902	894,371	22
59	21,400	184	42,060	18	2,260	11,055	2,435		3,020	5,600	86,164	84,954	1,210	222,000	23
2,503	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	23,352			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
376	206,573	14	2,970			210,221	20,566	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
32	Clothing, men's, custom work and repairing.	925	$1,560,397	$209,745	$251,255	$132,276	$967,121	994	47	$32,826	1,481	$837,32[illegible]
33	Clothing, men's, factory product	482	2,051,149	228,003	261,847	271,080	1,290,219	539	74	126,093	6,981	2,928,782
34	Clothing, men's, factory product, buttonholes.	28	105,897	21,230	22,537	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	282,562
36	Clothing, women's, factory product	125	989,995	70,900	95,100	116,383	707,612	149	93	77,801	2,604	985,361
37	Coffee and spice, roasting and grinding	15	6,289,517	485,315	938,105	824,199	4,035,898	27	170	221,659	896	405,799
38	Coffins, burial cases, and undertakers' goods.	3	286,635			41,364	245,271	2	44	44,730	174	79,368
39	Confectionery	195	2,112,204	300,681	468,978	500,340	847,205	204	175	171,109	1,570	526,1[illegible]
40	Cooperage	36	2,753,151	120,903	712,537	449,180	1,470,531	41	27	48,338	1,478	655,[illegible]
41	Cordage and twine	5	4,130,800	195,000	855,000	932,823	2,647,977		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,[illegible]
44	Cotton goods	3	27,552	2,600	4,000	9,796	11,156	4	1	1,500	53	16,[illegible]
45	Cotton small wares	3	84,500			35,500	49,000	4	10	7,500	99	32,1[illegible]
46	Druggists' preparations, not including prescriptions.	6	2,144,999	316,635	245,365	377,217	1,205,782	7	90	140,709	548	222,[illegible]
47	Drug grinding	4	191,227	27,000	53,000	56,170	55,057	4	8	10,600	104	37,[illegible]
48	Dyeing and cleaning	83	160,798	33,750	33,474	45,921	37,653	93	11	4,886	190	91,[illegible]
49	Dyeing and finishing textiles	6	302,904	32,000	54,614	54,678	161,612	10	18	11,642	139	64,[illegible]
50	Electrical apparatus and supplies	12	348,600	1,500	4,000	111,600	231,500	13	50	38,391	340	140,[illegible]
51	Electrical construction and repairs	53	120,569	1,300	1,000	26,287	91,982	63	22	16,943	176	110,[illegible]
52	Electroplating	10	28,600			19,475	9,125	13	1	65	67	31,[illegible]
53	Enameling and enameled goods	4	1,313,000	162,500	215,000	350,500	585,000	3	32	24,158	658	221,[illegible]
54	Engraving and diesinking	7	12,235	6,300	1,500	1,560	2,875	8			7	1,[illegible]
55	Engraving, steel, including plate printing.	3	9,035			8,125	910	6			43	23,[illegible]
56	Fancy articles, not elsewhere specified	9	126,004			41,527	84,477	9	23	21,776	164	56,[illegible]
57	Fertilizers	5	1,125,780	173,000	286,496	224,208	442,076	3	11	23,886	266	136,[illegible]
58	Files	6	78,900	18,000	16,500	21,200	23,200	9	1	364	66	33,[illegible]
59	Fireworks	3	50,900			33,300	17,600	2	4	4,280	75	18,[illegible]
60	Fish, canning and preserving	3	9,015	3,800	3,200	515	1,500	5			8	3,[illegible]
61	Flavoring extracts	3	4,215			560	3,655	3	5	3,204	8	1,[illegible]
62	Flouring and grist mill products	3	1,487,103	757,000	255,000	182,543	292,560	1	20	38,260	112	73,[illegible]
63	Food preparations	30	560,305	83,500	178,000	112,925	185,880	44	24	17,100	314	103,[illegible]
64	Foundry and machine shop products	189	26,446,178	1,449,618	1,777,459	4,573,716	18,645,385	209	778	1,069,821	8,499	4,634,[illegible]
65	Fruits and vegetables, canning and preserving.	8	1,650,982	85,000	89,000	17,500	1,459,482	2	24	43,300	243	73,[illegible]
66	Fur goods	30	682,629	117,000	41,000	45,345	429,284	37	49	42,644	264	154,[illegible]
67	Fur hats	4	1,387,058	178,000	278,000	281,695	649,363	4	49	122,276	1,236	798,[illegible]
68	Furnishing goods, men's	11	284,300	2,000	1,500	37,100	243,700	17	29	16,628	457	147,[illegible]
69	Furniture, cabinetmaking, repairing, and upholstering.	230	501,755	88,000	89,175	61,801	262,779	257	21	17,732	429	270,[illegible]
70	Furniture, factory product	37	993,474	86,300	131,500	188,659	687,015	54	89	101,426	1,266	638,[illegible]
71	Furs, dressed	21	272,540	41,850	50,750	42,840	137,100	27	8	10,290	281	170,[illegible]
72	Gas and lamp fixtures	20	725,544	101,000	111,908	147,942	364,694	21	66	72,231	405	217,[illegible]
73	Glass	7	714,076	115,525	80,800	116,847	400,904	4	39	39,756	952	414,[illegible]
74	Glass, cutting, staining, and ornamenting.	28	194,574	9,000	2,000	39,017	144,557	34	19	15,472	297	153,[illegible]
75	Gold and silver, leaf and foil	19	84,006	11,000	18,000	22,345	32,661	21	1	800	159	60,[illegible]
76	Grease and tallow	4	259,069	59,900	84,737	56,289	108,143	3	6	14,136	60	28,[illegible]
77	Hairwork	15	22,035	1,500	2,500	2,645	15,390	15	2	1,040	28	8,[illegible]
78	Hand knit goods	5	19,880	2,200	2,100	12,950	2,630	5			12	5,[illegible]
79	Hand stamps	4	67,000			55,000	12,000	6	4	2,000	80	84,[illegible]
80	Hardware	14	357,891	18,600	20,000	124,266	195,025	19	19	23,996	309	147,[illegible]
81	Hat and cap materials	7	637,400	35,500	38,600	73,660	489,740	9	12	16,802	493	142,[illegible]
82	Hats and caps, not including fur hats and wool hats.	19	65,605	3,700	5,300	10,405	46,200	23	14	11,604	128	38,[illegible]
83	Hosiery and knit goods	35	1,614,468	55,200	237,827	424,534	896,907	44	67	92,327	1,416	555,[illegible]
84	House furnishing goods, not elsewhere specified.	11	377,775	32,000	32,000	103,275	210,500	15	44	27,336	387	146,[illegible]
85	Ice, manufactured	10	659,379	88,550	129,575	389,537	51,717	4	18	16,780	82	[illegible]
86	Ink, printing	7	263,114	34,800	26,700	45,655	155,959	2	53	61,508	63	37,[illegible]
87	Instruments, professional and scientific	24	325,042	47,000	26,200	87,426	164,416	36	31	25,500	271	163,[illegible]
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	29,[illegible]
89	Ironwork, architectural and ornamental.	53	1,879,005	255,500	351,600	443,130	828,775	66	85	96,365	1,626	962,[illegible]
90	Ivory and bone work	8	118,818	7,000	19,000	20,785	72,033	15	7	7,280	120	33,[illegible]
91	Jewelry	7	345,000	9,500	22,000	14,000	299,500	12	4	5,036	86	61,[illegible]
92	Jewelry and instrument cases	3	10,100	1,100	3,200	3,800	2,000	3			11	3,[illegible]
93	Lamps and reflectors	3	19,400	5,000	2,500	4,150	7,750	4	2	1,136	20	12,[illegible]
94	Lapidary work	5	1,548,500	3,600	3,500	23,700	1,517,700	2	7	5,670	105	180,[illegible]
95	Leather goods	13	79,270	14,450	18,850	20,650	25,320	16	3	2,124	127	51,[illegible]
96	Leather, tanned, curried, and finished	7	1,157,000	45,600	141,300	171,600	798,500	8	14	19,676	527	245,[illegible]
97	Lime and cement	5	106,000	49,000	21,500	15,800	19,700	5			48	23,[illegible]
98	Liquors, malt	35	15,739,923	1,846,627	3,628,395	3,609,758	6,655,143	9	323	794,515	1,497	1,261,[illegible]
99	Lithographing and engraving	5	2,373,424	136,000	211,000	1,022,598	1,003,826	3	120	118,347	1,636	62[illegible]
100	Lock and gun smithing	96	94,970	19,200	14,950	28,330	32,490	104			46	27,[illegible]
101	Looking-glass and picture frames	60	140,610	13,400	12,500	18,555	96,155	66	9	5,790	93	4[illegible]

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
1,300	$772,689	170	$62,868	11	$1,768	$444,514	$208,150	$8,183	$45,948	$182,228	$1,352,950	$1,329,549	$23,401	$3,747,713	32
3,917	2,015,671	3,015	904,627	49	8,484	525,778	84,703	7,305	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	301,372	6,225	973,971	35
771	452,553	1,811	528,628	22	5,380	163,038	45,476	2,981	77,060	37,516	1,265,614	1,253,611	12,003	3,233,161	36
520	305,674	352	95,455	24	4,670	1,249,530	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	41,263	----	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	35	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	163,216	----	1,994,954	1,965,404	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	36	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	100,966	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	29,876	2	375	188,195	2,100	14,258	171,837	----	2,679,700	2,607,237	72,463	3,769,923	46
59	29,268	40	8,000	5	250	9,384	2,100	934	6,350	----	195,214	187,205	8,009	342,934	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	104,309	49
331	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	993,503	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	214,347	56
266	136,261	----	----	----	----	61,622	----	8,028	53,594	----	629,384	599,305	30,079	1,008,793	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	57,013	59
8	3,292	----	----	----	----	897	300	152	445	----	32,565	32,065	500	43,585	60
3	1,432	----	----	----	----	582	224	----	358	----	5,347	5,307	40	14,980	61
112	73,964	----	----	----	----	50,671	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	1,288,960	155,047	97,047	951,794	35,072	7,391,466	7,067,470	323,996	18,505,348	64
75	35,844	168	43,710	----	----	20,681	2,460	1,309	16,912	----	396,588	393,236	3,352	664,943	65
124	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	166,462	4	606	80,853	2,100	4,283	74,470	----	709,570	684,068	25,502	1,899,047	67
16	9,128	411	133,043	30	5,000	34,770	7,712	57	4,601	22,400	389,442	386,727	2,715	636,450	68
391	256,966	32	12,910	6	1,094	90,469	50,509	2,609	22,694	14,567	322,913	318,040	4,873	961,502	69
1,233	622,098	29	10,044	4	1,100	110,916	47,153	3,517	60,240	----	1,050,730	1,039,242	11,488	2,335,608	70
280	169,779	----	----	1	300	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	375,083	24	6,000	190	33,418	58,302	7,100	2,203	48,999	----	268,475	195,103	73,372	887,698	73
271	146,408	20	5,542	6	1,100	25,763	13,025	312	12,426	----	189,461	184,582	4,879	483,204	74
58	30,890	100	29,264	1	200	5,061	1,694	497	2,870	----	138,053	137,076	977	252,882	75
59	28,528	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	63	595	416	12,770	12,465	305	45,860	77
7	3,850	5	1,356	----	----	652	305	81	266	----	4,168	4,119	49	13,550	78
50	27,698	21	6,556	----	----	22,756	2,398	----	20,058	300	13,792	13,275	517	89,000	79
261	136,974	47	10,436	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	2,816	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	383	152,667	151,807	860	273,700	82
296	181,508	1,098	370,574	22	3,282	114,761	19,326	2,143	72,812	20,480	1,083,762	1,075,674	8,088	2,112,510	83
238	107,868	148	38,048	1	144	38,175	6,707	1,228	30,140	100	303,083	298,592	4,491	610,100	84
82	55,350	----	----	----	----	38,380	5,900	4,679	27,801	----	82,057	24,731	57,326	279,626	85
62	37,625	1	352	----	----	21,239	4,650	691	15,898	----	225,500	222,180	3,320	492,303	86
260	159,983	10	3,412	1	100	21,361	9,995	1,469	8,960	997	84,218	79,734	4,484	365,292	87
58	29,400	1	200	----	----	3,940	2,000	360	1,570	10	131,900	128,300	3,600	198,500	88
1,624	961,840	2	832	----	----	124,352	19,489	7,996	73,667	23,200	2,039,682	2,008,479	31,203	3,553,324	89
80	26,478	40	6,750	----	----	3,813	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	529,330	91
5	2,267	6	1,265	----	----	589	108	81	340	----	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	----	96,970	94,876	2,094	200,167	95
440	218,770	87	26,494	----	----	30,727	4,160	2,212	24,355	----	1,741,174	1,728,489	12,685	2,360,101	96
43	23,440	----	----	----	----	2,830	----	1,265	1,265	300	27,066	23,616	3,450	59,200	97
1,491	1,200,361	6	1,584	----	----	5,139,902	1,560	100,007	5,038,335	----	2,232,410	2,029,941	202,469	11,380,668	98
1,056	499,026	475	119,378	105	11,648	147,555	5,350	5,297	136,908	----	972,172	954,166	18,006	2,206,655	99
45	27,392	----	----	1	240	16,167	13,297	477	2,393	----	37,044	35,137	1,907	145,317	100
85	44,142	7	1,630	1	170	25,136	19,480	679	4,965	12	109,503	107,748	1,755	253,705	101

TABLE 8.—MANUFACTURES IN CITIES

BOROUGH OF BROOKLYN—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
102	Lumber, planing mill products, including sash, doors, and blinds.	50	$3,222,227	$381,322	$399,942	$421,739	$2,019,224	67	141	$181,403	2,017	$1,120,812
103	Mantels, slate, marble, and marbleized	3	121,500	45,000	11,500	5,000	60,000		5	12,300	70	54,270
104	Marble and stone work	48	1,812,670	262,000	113,400	257,770	679,500	57	27	30,485	708	542,101
105	Masonry, brick and stone	100	1,996,200	319,950	359,270	118,728	1,198,252	120	44	53,782	1,340	938,664
106	Mattresses and spring beds	22	61,160	6,000	3,000	11,235	40,925	26	3	1,850	77	40,754
107	Millinery and lace goods	21	134,951	2,450	6,000	47,093	79,408	24	19	23,334	600	137,396
108	Millinery, custom work	140	438,169	62,800	56,300	19,454	299,615	154	75	31,290	485	147,593
109	Mineral and soda waters	72	704,994	114,100	143,522	204,799	242,573	99	43	27,245	341	179,740
110	Models and patterns	19	76,084	11,000	15,500	29,375	20,209	27	3	3,237	82	60,359
111	Monuments and tombstones	40	538,700	75,970	86,050	45,650	331,030	45	9	13,980	373	265,066
112	Mucilage and paste	3	8,275	1,800	200	1,275	5,000	3	1	120	2	1,400
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	35,000	90,000	30,700	450,045	9	17	25,200	332	206,816
115	Oil, not elsewhere specified	5	249,900	20,500	29,000	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	14,656
117	Painting, house, sign, etc	598	1,077,815	128,500	118,600	192,971	637,744	691	57	38,747	2,451	1,584,948
118	Paints	26	3,881,585	274,538	461,725	526,952	2,618,370	11	161	306,795	756	387,029
119	Paper goods, not elsewhere specified	11	957,387	74,000	205,500	259,922	417,965	13	70	109,537	480	186,849
120	Paper hanging	11	10,025	900	900	2,645	5,580	12	2	1,280	30	22,334
121	Paper hangings	5	1,377,626	115,000	229,980	417,954	614,692	2	64	108,026	623	349,929
122	Patent medicines and compounds	42	2,573,615	189,530	291,948	363,329	1,728,808	37	221	261,708	711	297,596
123	Paving and paving materials	14	661,635	179,900	66,850	171,566	243,319	16	25	38,614	330	165,027
124	Perfumery and cosmetics	5	21,428	900	500	2,523	17,505	6			11	4,068
125	Photographic materials	4	10,260	2,400	2,000	2,350	3,510	4	2	1,200	11	2,542
126	Photography	125	223,332	21,900	30,050	88,890	82,492	133	23	15,910	166	97,066
127	Pickles, preserves, and sauces	16	77,220	9,400	12,500	14,270	41,050	20	23	14,064	55	19,362
128	Pipes, tobacco	4	6,670			4,100	2,570	4	1	800	18	6,925
129	Plastering and stuccowork	16	28,577	3,000	500	4,997	20,080	22	1	900	36	22,040
130	Plated and britannia ware	3	79,842			47,000	32,842	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	203,854	1,027,215	577	65	42,984	2,049	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	128,601	12	26	27,384	484	173,508
135	Printing and publishing, book and job	139	1,002,709	48,300	291,692	476,008	186,709	169	39	42,113	851	465,511
136	Printing and publishing, newspapers and periodicals.	20	2,332,510	513,000	468,500	708,584	642,426	16	350	375,554	753	475,781
137	Refrigerators	3	279,900	61,000	52,000	32,700	134,200	5	5	5,750	127	55,150
138	Regalia and society banners and emblems.	7	8,580			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	193,546	20,000	27,000	49,200	102,346	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	69,025
142	Sausage	7	9,800	1,200	1,300	3,000	4,300	9			11	6,525
143	Sewing machine repairing	31	43,143	10,000	13,300	6,595	13,248	34	1	468	16	8,728
144	Ship and boat building, wooden	45	1,981,315	516,500	189,675	564,365	710,775	60	37	44,786	998	667,651
145	Shirts	33	209,937	28,000	15,000	26,376	140,561	40	33	19,760	386	150,150
146	Show cases	5	75,700	16,000	7,000	9,700	43,000	7	4	4,000	114	71,350
147	Silk and silk goods	10	859,138	19,600	45,000	322,471	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	26	25,372	185	108,489
149	Soap and candles	17	802,200	84,912	147,426	225,844	344,018	15	55	51,998	169	84,750
150	Sporting goods	13	128,066	13,000	13,000	38,630	63,436	14	4	3,385	114	47,297
151	Stamped ware	14	1,571,568	114,000	329,500	367,292	760,776	23	54	54,486	968	389,451
152	Stationery goods, not elsewhere specified.	5	132,450	5,000	35,000	20,070	72,380	4	21	26,867	119	36,089
153	Steam fittings and heating apparatus	7	1,010,386	159,700	186,060	243,352	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	26,848
155	Sugar and molasses, refining	4	58,084,443	6,530,303	4,662,763	10,193,666	36,697,711	6	276	379,139	2,595	1,532,891
156	Surgical appliances	9	52,170	2,600	1,400	24,620	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 terne plate	3	217,000	19,100	43,300	26,600	128,000	2	20	19,480	47	21,972
159	Tinfoil	4	26,870	1,500	2,500	16,800	6,070	4			45	14,848
160	Tinsmithing, coppersmithing, and sheet-iron working.	293	2,760,787	385,748	558,152	580,986	1,235,901	320	148	151,431	2,809	1,446,466
161	Tobacco, chewing, smoking, and snuff	4	159,557	19,000	47,300	76,584	16,673	2	38	37,732	299	108,140
162	Tobacco, cigars and cigarettes	556	1,287,216	173,120	246,380	68,236	749,480	589	32	22,766	1,123	545,447
163	Tools, not elsewhere specified	16	209,200	36,500	48,000	45,360	79,340	22	5	5,220	124	80,628
164	Toys and games	11	98,050	15,500	23,250	26,100	33,200	16			134	40,578
165	Trunks and valises	4	18,360	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	10,706
168	Varnish	14	1,969,420	164,400	205,450	198,102	1,401,468	3	100	259,034	177	110,071
169	Vinegar and cider	4	132,239	5,000	15,000	34,586	77,653	4	2	1,768	39	21,051
170	Watch cases	8	641,263	10,500	26,295	112,698	491,770	6	24	43,339	378	250,170
171	Watch, clock, and jewelry repairing	223	247,386	88,100	54,600	48,370	106,316	226	4	3,930	124	63,819

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
2,009	$1,119,312			8	$1,500	$226,587	$40,934	$21,249	$134,093	$30,311	$2,523,035	$2,504,342	$18,693	$4,704,103	102
70	54,270					5,775	1,100	1,025	3,650		50,063	49,583	480	145,893	103
708	542,101					58,034	18,815	6,959	29,260	3,000	724,387	714,478	9,914	1,793,691	104
1,335	937,694	1	$400	4	510	727,105	14,080	9,473	54,068	649,484	2,012,698	2,007,254	5,444	4,547,969	105
71	38,406	6	2,348			8,941	6,504	147	2,290		104,651	103,795	856	214,139	106
64	39,116	536	98,190			23,807	10,844	500	12,213	250	190,519	187,237	3,282	467,311	107
18	6,386	464	140,959	3	248	76,269	61,571	2,123	11,550	1,025	514,275	510,452	3,823	1,199,395	108
229	177,490	2	450	10	1,800	60,374	15,551	4,691	40,129		308,693	301,933	6,760	830,433	109
78	59,119	3	1,040	1	200	10,768	4,362	336	3,070	3,000	45,450	42,938	2,512	164,143	110
373	265,066					32,200	13,525	3,021	12,164	3,490	357,778	354,384	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	698	1,054	1,300	21,899	21,121	778	68,578	113
325	205,997			7	819	37,145	7,672	2,085	27,388		301,003	295,713	5,950	610,183	114
37	27,135					18,497	3,480	681	14,336		520,219	516,861	3,358	648,449	115
21	14,656					8,194	3,116	400	4,268	410	26,459	25,740	719	79,051	116
2,415	1,577,166	28	5,967	18	1,815	199,674	109,191	4,771	57,965	27,747	1,101,126	1,092,452	8,674	3,906,810	117
616	352,794	134	32,846	6	1,380	307,982	31,463	17,951	258,568		3,191,665	3,153,549	38,116	4,836,036	118
200	113,560	250	68,605	30	4,675	95,685	20,560	3,833	62,292		429,912	419,437	10,475	939,961	119
30	22,334					3,045	1,824	30	391	800	14,458	14,342	116	56,944	120
514	312,324	104	36,825	5	780	45,581	12,000	8,580	25,001		802,994	790,295	12,699	1,321,809	121
403	212,741	308	84,765			547,173	25,305	14,585	507,283		1,016,115	988,306	27,809	2,506,159	122
330	165,027					39,513	5,613	3,390	29,010	1,500	252,892	243,208	9,684	566,904	123
4	2,226	7	1,872			2,858	709	305	1,844		30,075	30,035	40	44,613	124
2	600	8	1,760	1	182	1,017	624	50	373		7,160	7,025	135	19,000	125
130	83,995	34	12,774	2	234	63,415	51,368	692	10,370	985	127,376	124,835	2,541	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	364	809	640		169		17,138	17,018	120	33,608	128
36	22,090					5,199	2,794	125	680	1,600	14,365	14,062	303	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	87,359					43,052	13,612	2,666	14,286	12,488	484,880	480,383	4,497	751,451	131
2,019	1,415,763			30	6,588	169,520	102,077	7,605	54,666	5,172	2,343,860	2,315,800	28,060	5,105,892	132
33	17,020	32	7,402	7	1,000	2,323	1,394	30	849	50	28,762	28,419	343	86,211	133
365	140,916	119	32,592			52,975	4,210	5,589	43,176		100,724	66,188	34,536	427,575	134
689	397,394	187	62,919	25	4,698	101,138	30,608	3,771	65,094	1,665	357,963	345,865	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	842,972	820,966	22,006	2,034,746	136
122	54,000			5	1,150	17,541	780	1,356	15,405		148,770	147,810	960	278,200	137
3	1,800	26	6,996			4,488	1,261		627	2,600	13,075	12,975	100	37,790	138
347	209,399	1	468	4	250	75,914	10,134	4,149	60,431	1,200	594,200	578,964	15,236	1,056,107	139
40	21,400	80	18,763			18,569	3,016	1,150	14,403		108,657	104,032	4,625	217,954	140
123	68,448			3	578	23,220	17,331	2,004	3,825	60	122,591	120,614	1,977	335,726	141
11	6,526					1,374	1,014	57	303		23,243	22,642	601	38,604	142
15	8,488	1	240			6,795	5,532	232	731	300	17,240	16,764	476	53,649	143
998	667,031					75,011	33,248	3,293	21,645	6,825	670,866	664,031	6,835	1,760,189	144
132	67,478	252	82,262	2	410	30,174	3,982	735	10,493	9,964	272,666	270,375	2,291	554,413	145
111	70,750	3	600			7,510	1,740	545	4,225	1,000	125,065	123,115	1,950	264,520	146
300	177,988	326	103,941	27	5,270	95,238	13,105	3,481	47,444	26,208	486,560	474,708	11,852	1,042,199	147
185	108,489					39,023	9,708	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	3,636	106,687		775,439	763,987	11,452	1,216,241	149
72	35,361	42	11,936			6,880	2,426	620	3,334	500	36,627	34,701	1,926	117,608	150
632	293,757	289	86,394	47	9,300	67,926	20,378	2,816	39,132	5,600	744,646	734,993	9,653	1,511,714	151
30	14,031	88	21,945	1	113	8,448	1,694	101	5,453	1,200	71,731	70,556	1,175	163,482	152
306	147,678	63	15,690			22,272	730	6,107	13,635	1,800	448,022	439,348	8,674	943,459	153
50	26,336	2	510			13,198	4,352	803	7,963	80	67,187	63,779	3,408	144,267	154
2,546	1,519,577	49	13,224			1,434,904	8,060	109,451	1,317,393		72,821,726	72,220,703	601,023	77,942,997	155
15	10,048	15	4,682	2	358	5,795	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	330,541	158
17	7,540	27	7,168	1	140	1,051	426	65	560		6,872	6,274	598	34,680	159
2,307	1,326,176	467	115,092	35	5,198	217,916	59,792	15,649	137,895	4,580	1,826,751	1,768,792	57,959	4,515,988	160
111	68,230	188	39,910			605,556	197	2,187	603,172		533,292	526,209	7,083	1,522,702	161
914	492,194	199	51,517	10	1,736	312,971	90,262	7,200	215,509		824,217	814,004	10,213	2,188,286	162
114	74,628	10	6,000			9,120	2,237	1,892	5,161	330	42,103	39,765	2,338	202,266	163
70	26,654	59	12,832	5	1,092	5,858	1,403	640	3,365	450	52,261	51,160	1,101	131,225	164
9	4,588					1,827	1,140	260	427		8,801	8,731	70	22,400	165
42	17,220	4	1,800			6,994	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			128,787	4,480	11,005	108,302		855,616	846,318	9,298	1,555,190	168
39	21,051					7,544	2,700	396	4,448		28,516	25,858	2,658	66,977	169
358	240,417	20	9,753			32,633	5,580	908	26,195		959,666	956,321	3,345	1,452,840	170
121	69,187	1	400	2	232	48,388	35,506	1,289	8,277	3,816	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
172	Window shades	13	$431,817	$77,901	$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	144,911	18	29	33,614	208	101,721
174	Wood, turned and carved	24	193,265	25,400	37,700	45,690	84,475	30	5	3,020	145	81,150
175	All other industries[1]	104	59,887,307	8,696,504	13,753,612	21,458,740	15,978,451	97	582	1,034,990	10,559	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 extracts, 1; engravers' materials, 2; felt goods, 1; firearms, 1; fire extinguishers, chemical, 1; fogs and burners, 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; kaolin 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;

BOROUGHS OF MANHATTAN AND BRONX.

1	All industries	27,168	$608,661,810	$61,263,277	$54,918,159	$136,700,098	$355,780,276	32,242	39,428	$44,575,510	344,054	$184,602,095
2	Artificial feathers and flowers	142	2,922,939	16,000	5,000	243,336	2,658,603	215	229	226,841	3,943	1,232,987
3	Artificial limbs	5	69,300	8,000	12,000	23,500	25,800	8	14	10,200	60	40,672
4	Artists' materials	4	10,906			1,240	9,666	4	1	636	5	3,267
5	Awnings, tents, and sails	103	449,509	7,000	10,000	79,921	352,588	130	29	26,614	603	357,556
6	Axle grease	4	5,916			410	5,506	6			8	3,750
7	Babbitt metal and solder	7	1,028,291	35,000	41,000	112,855	839,436	13	21	27,992	188	107,875
8	Bags, other than paper	15	516,000	40,000	20,000	93,500	362,500	14	40	95,258	450	142,921
9	Bags, paper	13	1,077,357	17,500	17,500	308,926	733,431	8	192	183,093	730	268,396
10	Baking and yeast powders	8	209,564			23,081	186,483	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	103	57,894
12	Belting and hose, leather	8	1,761,947			80,347	1,681,600	6	66	79,217	369	229,221
13	Bicycle and tricycle repairing	235	263,340	500	775	80,775	181,290	269	11	9,680	233	123,012
14	Bicycles and tricycles	15	72,075			19,275	52,800	16	7	2,972	42	22,752
15	Billiard tables and materials	12	361,459		24,000	35,459	302,000	15	48	51,909	168	111,395
16	Blacking	14	283,784			49,457	234,327	20	80	115,387	176	79,059
17	Blacksmithing and wheelwrighting	469	1,335,972	319,100	240,567	250,187	526,118	522	32	29,590	1,318	968,678
18	Bluing	7	75,890	4,000	2,000	8,500	61,390	8	15	13,620	60	25,391
19	Bookbinding and blank book making	219	3,958,699	45,000	129,000	1,615,490	2,169,209	281	304	346,600	5,871	2,655,005
20	Boot and shoe cut stock	11	241,715	10,000	2,000	14,915	214,800	14	15	13,406	79	39,390
21	Boot and shoe findings	10	122,475			47,625	74,850	13	16	13,484	89	35,952
22	Boot and shoe uppers	36	64,590	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	20,700	21,700	215,187	569,885	1,907	35	25,650	1,394	662,010
24	Boots and shoes, factory product	55	1,446,241	22,000	14,000	257,706	1,152,535	74	136	121,977	1,936	917,351
25	Bottling	137	1,882,370	192,900	229,500	297,309	1,162,661	161	101	117,241	801	442,314
26	Boxes, cigar	27	544,585	125,000	54,000	156,708	208,877	31	45	39,460	837	331,543
27	Boxes, fancy and paper	139	1,950,093	52,000	65,000	586,500	1,246,593	178	290	242,960	4,826	1,663,995
28	Boxes, wooden packing	55	1,475,390	40,000	120,219	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	156,837
30	Brassware	54	1,314,347	130,000	200,000	340,350	643,997	65	67	81,574	1,041	505,659
31	Bread and other bakery products	1,011	10,026,820	1,033,600	930,944	4,872,880	3,189,396	1,062	1,085	889,682	7,678	3,803,798
32	Bridges	5	284,000			70,000	214,000	5	9	9,640	384	224,502
33	Bronze castings	5	338,961	62,000	17,500	85,127	174,334	5	32	37,411	296	177,123
34	Brooms and brushes	52	862,193	7,000	8,000	67,840	719,353	63	66	57,748	772	397,575
35	Buttons	30	499,362			216,044	283,318	39	48	44,848	1,119	417,033
36	Calcium lights	3	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	18,726
38	Carpentering	835	4,493,308	550,050	588,150	566,147	2,788,961	988	190	194,050	5,210	4,358,090
39	Carpets and rugs, other than rag	3	1,875,842	4,500	5,000	522,000	1,344,342		61	100,308	1,568	556,120
40	Carpets, rag	10	14,771	1,490	745	1,276	11,260	11	2	1,000	17	7,910
41	Carpets, wood	9	188,164			16,785	166,379	8	22	20,500	291	208,952
42	Carriages and sleds, children's	5	23,675			2,175	21,500	6	2	990	29	17,064
43	Carriages and wagons	128	2,634,198	458,950	456,900	312,741	1,405,607	159	101	112,241	1,715	1,132,921
44	Cars and general shop construction and repairs by steam railroad companies.	6	418,158	148,000	108,425	126,433	35,300		28	17,210	424	259,879
45	Cars and general shop construction and repairs by street railroad companies.	4	4,889,198	619,502	2,108,309	1,363,223	748,164		28	33,626	1,138	914,159
46	Cheese and butter, urban dairy products.	5	18,925			10,850	8,075	5	1	260	6	2,530
47	Chemicals	16	1,019,372	78,000	153,351	403,686	384,335	2	59	78,067	198	116,231
48	China decorating	20	56,240			11,540	44,700	24	5	2,927	74	33,138
49	Chocolate and cocoa products	6	1,085,775	14,000	50,000	219,258	802,517	9	105	98,246	523	149,840
50	Cleansing and polishing preparations	19	358,260	30,000	35,000	55,410	237,850	19	44	46,636	156	67,415
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	332	175,221
53	Clothing, horse	5	41,513			4,900	36,613	5	3	6,260	50	22,056
54	Clothing, men's, custom work and repairing.	2,265	6,966,058	253,250	537,550	446,186	5,729,072	2,478	630	633,230	6,474	3,921,824
55	Clothing, men's, factory product	1,398	34,778,035	472,500	328,000	997,731	32,979,804	2,017	2,653	2,816,089	23,361	12,739,684
56	Clothing, men's, factory product, buttonholes.	40	30,265			18,725	11,540	49			207	86,729

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.										
101	$58,291	21	$5,446	1	$65	$53,146	$2,868	$2,166	$48,112	----------	$719,110	$716,605	$2,505	$937,356	172
196	98,769	10	2,672	2	280	29,132	5,514	1,275	21,593	$750	162,997	159,149	3,848	405,397	173
139	79,882	1	288	5	1,000	12,800	4,305	869	7,626	----------	97,930	92,824	5,106	258,446	174
7,576	4,199,047	2,704	653,845	279	41,133	4,407,101	112,097	425,231	3,807,429	62,344	29,921,464	29,408,314	513,150	45,153,739	175

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.

BOROUGHS OF MANHATTAN AND BRONX.

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	$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	196,761	3,540	89,725	37,250	2,180,042	2,169,003	11,039	4,955,151	2
53	37,572	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
458	297,900	144	59,126	1	350	112,148	42,583	694	18,296	50,575	916,542	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	----------	2,309,739	2,296,183	13,556	2,604,696	7
163	63,936	287	78,986	----------	----------	67,886	18,048	2,153	42,585	5,100	1,343,282	1,339,324	3,958	1,780,845	8
478	203,677	246	64,389	6	900	122,413	32,319	2,333	87,761	----------	1,363,275	1,353,990	9,285	2,397,697	9
39	35,966	26	8,739	2	600	12,598	5,528	----------	7,070	----------	214,401	213,523	878	368,406	10
107	57,738	----------	----------	1	156	8,061	6,368	----------	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	1,732,560	1,721,486	11,074	2,822,600	12
233	123,042	----------	----------	----------	----------	84,458	69,431	229	12,354	2,444	249,335	243,366	5,969	706,263	13
42	22,782	----------	----------	----------	----------	11,738	7,729	95	3,914	----------	52,760	51,631	1,129	123,934	14
161	110,124	3	1,000	1	182	121,629	17,982	1,118	98,729	3,800	312,242	309,369	2,873	692,352	15
75	47,456	101	31,623	----------	----------	112,247	18,982	1,910	91,355	----------	277,403	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	2,803,755	17
26	16,756	34	8,635	----------	----------	16,096	4,907	178	11,011	----------	96,680	96,020	660	211,811	18
2,821	1,683,408	2,957	956,854	93	14,833	552,454	287,011	7,059	226,073	32,311	2,349,739	2,287,839	61,900	7,030,418	19
79	39,390	----------	----------	----------	----------	15,516	11,974	150	3,392	----------	598,318	596,875	1,443	804,953	20
50	26,672	39	9,250	----------	----------	10,533	8,126	----------	2,407	----------	231,318	229,646	1,672	334,484	21
64	32,669	9	3,194	----------	----------	10,371	8,558	125	1,688	----------	146,618	145,962	656	247,802	22
1,859	652,028	27	8,520	8	1,462	403,492	338,855	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	1,617	394,150	80,382	33,311	275,107	5,350	2,442,645	2,426,043	16,602	3,954,251	25
515	227,439	300	99,698	22	4,406	54,484	30,915	1,637	21,932	----------	527,328	512,596	14,732	1,065,826	26
1,539	793,262	3,159	849,401	128	21,332	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	207,546	79,019	11,206	77,138	40,183	1,608,313	1,589,841	18,472	2,806,580	28
249	155,531	3	880	2	416	41,590	19,272	2,105	20,213	----------	306,762	295,491	11,271	652,334	29
872	460,101	152	42,020	17	2,938	124,759	37,032	2,982	66,908	17,837	875,928	850,445	25,483	1,853,855	30
5,997	3,386,488	1,488	388,525	193	28,785	1,743,669	750,223	64,110	922,736	6,600	12,065,526	11,764,160	301,366	21,946,089	31
384	224,502	----------	----------	----------	----------	9,991	1,616	----------	8,375	----------	453,815	448,000	5,815	809,705	32
292	176,558	----------	----------	4	575	22,875	5,920	1,350	15,605	----------	65,871	60,635	5,236	385,825	33
442	225,128	253	68,582	77	14,165	77,789	34,894	300	33,095	9,500	827,500	820,753	6,747	1,498,323	34
558	265,970	560	150,939	1	144	48,115	19,441	----------	23,674	5,000	522,491	516,549	5,942	1,235,145	35
28	10,520	----------	----------	----------	----------	3,895	2,030	----------	1,865	----------	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	138,903	1,880,125	6,730,763	6,701,545	29,218	16,399,283	38
531	250,314	798	273,658	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	----------	----------	2,768	1,872	25	871	----------	6,508	6,326	182	25,720	40
291	208,362	----------	----------	----------	----------	25,344	12,500	----------	12,844	----------	136,237	133,643	2,594	445,987	41
26	15,964	3	1,100	----------	----------	4,500	3,440	----------	1,060	----------	35,105	34,925	180	71,450	42
1,711	1,131,221	1	700	8	1,000	278,007	163,789	30,643	79,395	4,180	955,748	928,881	26,867	3,060,806	43
899	251,614	25	8,265	----------	----------	5,460	----------	3,606	1,854	----------	279,760	274,575	5,185	562,308	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	----------	260	----------	43,194	42,533	661	46,676	46
151	97,202	47	19,032	----------	----------	110,351	12,128	4,177	94,046	----------	327,441	297,832	29,609	728,772	47
41	22,976	29	9,877	4	585	14,724	8,472	5	6,247	----------	58,900	56,976	1,924	149,499	48
220	91,190	279	56,700	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	3,700	450,757	444,854	5,903	804,991	50
13	6,834	----------	----------	----------	----------	7,917	1,770	330	5,217	600	7,381	7,195	186	32,126	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	130,858	53
5,948	3,742,985	494	173,093	32	5,746	2,703,950	1,154,436	16,665	382,105	1,150,744	6,608,135	6,534,113	74,022	18,119,327	54
16,579	10,552,988	6,697	2,175,536	85	11,160	16,730,809	1,319,917	19,176	1,933,657	13,458,059	51,067,136	50,956,683	110,453	97,168,397	55
122	60,248	85	26,481	----------	----------	9,630	6,159	----------	2,871	600	15,240	14,386	854	153,025	56

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
57	Clothing, women's, dressmaking	1,113	$1,117,478	$448,900	$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	2,084,841	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	368,341	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	244,730	65	19	21,870	409	247,900
64	Cordage and twine	4	2,586,702	150,000	270,000	540,050	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	8	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	18	103,829			36,694	67,135	17	18	12,104	121	73,122
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	180	94	45,109	540	254,334
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	602,048
79	Electroplating	69	172,941			94,339	78,602	89	17	13,947	362	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	1,105,653
84	Engraving, wood	31	27,301			10,515	16,786	34	1	520	57	46,400
85	Envelopes	9	565,804			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		18	12,500	15	12,750
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	352,921			35,579	317,342	57	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	185,567
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	11,364,775	424	1,056	1,251,638	10,649	6,487,468
94	Fur goods	482	6,284,996	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	16,316	159	68,611
96	Furnishing goods, men's	211	7,183,354	385,400	355,000	369,032	6,073,922	315	840	893,646	7,148	2,607,752
97	Furniture, cabinetmaking, repairing, and upholstering.	548	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	158,300	17,000	17,000	57,300	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	935,411
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	11,381,200	47,859,316	27,618,166		907	966,389	3,612	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	896,802	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	172,250
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	52,600	192,685	22	19	21,600	287	139,415
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	133,572
110	Hairwork	53	435,330			20,955	414,375	62	20	18,090	334	154,096
111	Hand knit goods	9	80,275			7,425	72,850	13	19	11,650	144	29,163
112	Hand stamps	29	184,051			54,579	129,472	31	12	16,326	132	68,719
113	Hardware	18	540,962			245,669	295,293	17	54	66,119	394	189,279
114	Hardware, saddlery	7	40,050			22,300	17,750	9	4	2,444	47	28,489
115	Hat and cap materials	21	117,275			35,225	82,050	28	12	11,116	117	53,654
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	177,867	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	588,945	57,631	2	12	13,020	121	76,317
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	327,810	45,000	25,000	20,600	236,710	6	9	20,519	83	39,869
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	189,400	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	4,090
126	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	109,310	30,000	28,000	10,500	40,810	3	1	936	44	30,970

BY SPECIFIED INDUSTRIES: 1900—Continued.

BOROUGHS 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
2,001	$1,341,995	4,593	$1,748,672	59	$9,426	$1,075,545	$870,799	$10,452	$164,951	$29,343	$4,155,265	$4,112,694	$42,571	$10,546,896	57
18,361	11,633,558	23,461	8,255,658	243	44,023	8,058,899	1,820,774	19,934	2,238,684	3,979,507	53,372,965	53,176,338	196,627	99,464,693	58
335	202,184	177	46,642	19	2,600	225,833	100,707	3,413	120,433	1,280	4,594,042	4,553,012	41,030	6,444,178	59
264	193,424	147	44,474	1	100	66,488	41,826	400	24,262	------	282,713	276,529	6,184	787,076	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	1,128,530	1,869	450,000	79	12,721	838,557	305,525	41,058	489,974	2,000	5,865,003	5,766,438	98,565	10,242,493	62
395	245,300	14	2,600	------	------	47,669	27,573	3,686	13,410	3,000	624,437	621,368	3,069	1,169,376	63
727	296,966	1,030	281,400	127	21,990	271,161	44,657	14,952	211,552	------	2,363,835	2,320,828	43,007	3,597,427	64
18	9,504	7	2,496	------	------	12,628	5,560	725	6,093	250	81,848	81,188	660	149,362	65
54	23,007	17	6,884	------	------	12,245	5,730	------	6,515	------	142,748	141,886	862	245,423	66
107	44,385	949	283,414	48	7,135	188,334	56,367	416	131,551	------	636,696	630,011	6,685	1,470,373	67
91	48,607	198	44,540	------	------	54,031	17,573	1,566	34,892	------	407,837	400,696	7,141	623,159	68
56	26,955	96	28,010	3	500	17,118	10,520	------	6,598	------	101,863	99,782	2,081	244,063	69
121	73,122	------	------	------	------	36,234	8,858	------	17,376	10,000	84,078	81,395	2,683	254,598	70
51	32,752	45	12,818	------	------	20,310	3,340	------	16,770	200	353,174	351,610	1,564	557,000	71
191	103,624	233	70,989	1	170	451,604	39,056	8,172	404,376	------	944,624	932,296	12,328	2,304,839	72
46	29,089	------	------	------	------	39,837	14,898	99	12,790	12,050	957,011	954,337	2,674	1,149,829	73
320	173,187	212	79,419	8	1,725	154,587	67,327	2,906	73,343	11,011	320,821	303,274	17,547	1,063,892	74
642	312,302	172	46,940	------	------	117,357	25,354	7,079	84,924	------	347,123	302,698	44,425	1,131,586	75
52	29,075	------	------	------	------	14,930	1,480	1,535	11,915	------	339,707	334,064	5,643	507,500	76
3,917	2,060,791	401	131,858	26	4,595	596,074	90,053	34,065	435,577	36,379	5,504,418	5,425,028	79,385	10,080,749	77
881	600,472	1	500	5	1,076	114,557	52,395	1,884	55,686	4,642	1,104,333	1,097,812	6,521	2,432,055	78
341	195,849	10	4,481	11	1,887	47,648	35,568	343	9,802	1,935	117,808	106,705	11,103	534,446	79
27	15,180	1	260	1	150	6,003	3,806	------	397	1,800	8,592	7,449	1,143	49,750	80
30	14,944	------	------	------	------	4,411	3,286	------	1,125	------	52,665	51,225	1,440	88,000	81
234	154,803	11	4,080	8	1,484	32,735	24,494	50	4,981	3,210	37,001	31,239	5,762	406,512	82
987	854,926	580	246,404	21	3,723	241,579	156,404	20,409	50,141	14,625	705,985	695,341	10,644	2,624,471	83
53	45,768	2	320	2	312	18,735	7,019	------	2,341	9,375	12,118	11,886	232	137,515	84
145	86,458	389	143,340	------	------	76,324	37,618	504	38,202	------	596,904	589,630	7,274	1,090,270	85
737	378,992	743	217,115	42	6,979	226,795	76,288	3,250	133,563	13,694	1,195,039	1,181,220	13,819	2,819,895	86
15	12,760	------	------	------	------	9,556	1,166	390	7,000	1,000	17,466	17,050	416	70,535	87
15	9,782	------	------	------	------	8,430	800	715	6,915	------	63,580	62,755	825	97,400	88
74	31,127	74	19,156	30	4,564	53,815	19,170	225	34,420	------	276,358	274,308	2,050	490,970	89
91	55,693	55	22,262	------	------	68,351	28,247	2,621	42,483	------	475,705	473,263	2,442	971,097	90
290	172,716	65	12,841	------	------	171,290	240	12,870	158,180	------	4,767,242	4,717,999	49,243	5,280,117	91
672	269,268	205	50,764	5	924	298,838	55,793	9,340	233,705	------	2,049,611	2,015,033	34,578	3,466,715	92
10,515	6,447,901	96	31,351	38	8,206	2,515,438	405,568	149,720	1,096,222	863,928	8,190,898	7,955,981	234,917	21,565,030	93
2,487	1,633,132	1,421	596,675	12	2,096	1,119,854	377,987	5,122	448,723	288,022	8,018,317	7,997,299	21,018	14,443,684	94
94	46,547	65	21,464	------	------	51,520	6,000	------	34,770	10,750	181,349	181,134	215	342,300	95
1,432	803,770	5,703	1,800,458	13	3,504	981,606	301,523	11,251	434,435	234,397	10,670,498	10,644,739	25,759	17,546,523	96
1,832	1,391,601	372	135,517	12	2,295	629,936	244,805	4,109	145,068	235,954	1,959,635	1,940,047	19,588	5,493,969	97
5,341	3,200,750	150	61,030	3	514	1,035,905	328,950	28,940	518,933	159,082	4,531,050	4,474,353	56,697	10,910,797	98
169	122,731	7	4,304	------	------	13,314	7,745	476	5,093	------	88,594	84,167	4,427	323,572	99
1,660	927,123	22	6,180	12	2,138	287,442	70,384	21,534	194,524	1,000	1,146,602	1,112,854	33,748	3,065,115	100
158	79,437	------	------	------	------	43,484	14,300	310	26,874	2,000	393,441	389,946	3,495	587,381	101
3,612	2,709,068	------	------	------	------	2,563,675	------	915,905	1,647,710	------	3,893,364	3,599,336	294,028	12,624,440	102
200	121,982	14	3,465	------	------	30,251	7,446	4,770	18,035	------	228,612	223,757	4,855	447,167	103
886	559,403	97	39,589	15	3,110	251,579	72,999	4,073	124,673	49,834	942,216	930,909	11,307	2,142,924	104
87	61,821	352	110,255	1	175	36,022	19,997	700	10,830	4,495	203,891	201,532	2,359	523,253	105
23	17,222	5	1,500	------	------	18,187	4,946	800	7,441	------	259,696	258,825	871	391,800	106
160	100,376	125	38,711	2	358	12,548	6,018	750	5,600	180	514,085	512,007	2,078	931,312	107
49	35,524	------	------	------	------	23,290	9,008	2,740	10,792	750	4,138,208	4,133,014	5,194	4,328,119	108
215	132,004	5	1,508	------	------	41,830	6,380	2,844	32,606	------	1,140,021	1,129,956	10,065	1,424,871	109
85	52,219	249	80,877	------	------	91,840	43,088	------	43,952	4,800	270,743	269,276	1,467	752,794	110
7	2,564	137	26,599	------	------	7,873	4,560	150	2,183	980	41,366	41,335	31	124,326	111
123	64,156	8	4,263	1	300	23,332	14,769	109	5,424	3,030	83,942	81,658	2,284	301,355	112
365	180,484	22	6,260	7	2,535	51,405	27,561	877	14,367	8,600	267,951	261,006	6,945	701,581	113
46	28,126	1	364	------	------	4,558	2,990	------	1,568	------	18,573	17,072	1,501	87,484	114
74	40,990	39	12,008	4	676	20,240	10,014	------	6,976	3,250	265,170	263,529	1,641	424,041	115
2,582	1,379,832	1,409	476,814	7	1,266	319,427	184,221	2,693	114,349	18,164	3,902,205	3,874,835	27,370	7,658,731	116
142	73,672	786	256,716	14	1,988	111,070	25,736	887	49,690	34,757	696,528	689,967	6,561	1,366,227	117
251	116,888	556	152,211	19	3,046	161,711	46,288	620	70,013	44,790	1,491,209	1,481,887	9,322	2,280,636	118
121	76,317	------	------	------	------	102,755	24,676	4,984	53,095	20,000	116,903	37,803	79,100	493,510	119
115	71,530	4	1,294	------	------	70,102	19,076	1,612	49,414	------	427,979	414,214	13,765	827,200	120
50	30,682	33	8,687	------	------	27,109	7,945	2,353	16,811	------	223,358	221,865	1,493	406,775	121
287	172,426	15	5,704	6	1,393	60,095	28,238	154	24,503	7,200	169,326	163,487	5,839	612,236	122
528	254,432	------	------	------	------	27,700	7,300	4,200	16,200	------	207,549	171,012	36,537	631,100	123
30	31,534	------	------	------	------	4,211	3,252	------	959	------	26,260	25,518	742	87,080	124
6	4,090	------	------	------	------	1,750	1,300	------	450	------	1,790	1,420	370	14,740	125
43	30,470	------	------	1	500	2,707	1,380	900	427	------	80,909	79,755	1,154	150,914	126

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	$1,664,890
128	Ivory and bone work	15	132,578			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	4,444,045	319	278	265,278	2,744	1,338,730
131	Jewelry and instrument cases	28	281,610			41,988	239,622	35	24	17,520	317	161,490
132	Kaolin and other earth grinding	3	9,200			2,150	7,050	4	1	520	11	6,020
133	Kindling wood	8	289,290	140,000	65,000	42,850	41,440	12	15	12,580	125	81,830
134	Labels and tags	13	143,935			81,977	61,958	13	25	47,506	174	79,435
135	Lamps and reflectors	25	747,748	9,100	15,000	197,504	526,144	22	102	108,395	583	298,655
136	Lapidary work	82	1,427,275	30,000	302,000	34,200	1,061,075	47	27	40,091	293	269,855
137	Lasts	7	38,750			12,250	26,500	6	7	10,587	66	33,648
138	Lead, bar, pipe, and sheet	4	504,500	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	269,316	2,311,713	124	279	269,367	2,679	1,063,435
140	Leather, tanned, curried, and finished	10	1,208,141	32,000	45,000	65,379	1,065,762	17	15	12,920	223	116,850
141	Lime and cement	8	408,127	50,000	65,000	158,879	134,248	1	20	24,368	300	137,496
142	Liquors, malt	42	46,281,439	7,755,725	9,508,121	5,456,284	23,561,309	19	567	1,505,910	2,920	2,335,057
143	Lithographing and engraving	89	8,284,599	68,000	392,526	3,709,741	4,114,332	92	452	744,496	3,838	2,433,730
144	Lock and gun smithing	212	229,998	20,000	4,000	67,930	138,068	226	12	11,660	203	120,287
145	Looking-glass and picture frames	152	1,087,511	5,000	57,000	162,475	863,036	177	114	127,613	1,149	623,618
146	Lumber and timber products	6	389,098	29,824	14,000	103,505	241,769	7	22	22,962	193	118,236
147	Lumber, planing mill products, including sash, doors, and blinds.	62	2,007,642	226,425	394,225	400,123	986,869	83	112	132,316	1,342	820,181
148	Mantels, slate, marble, and marbleized	3	480,442	10,000	9,000	29,000	432,442	5	50	44,061	216	149,581
149	Marble and stone work	101	3,715,132	572,100	267,158	991,374	1,881,500	151	186	293,197	2,350	2,151,332
150	Masonry, brick and stone	240	7,750,943	446,200	236,700	867,652	6,200,391	292	380	519,730	8,643	5,899,420
151	Mattresses and spring beds	78	752,106			85,326	666,780	96	101	128,555	775	402,520
152	Millinery and lace goods	361	7,556,004	50,000	59,000	1,056,857	6,390,147	534	1,161	1,028,835	10,609	3,874,923
153	Millinery, custom work	366	1,400,269	49,000	43,600	70,313	1,237,356	418	202	133,000	2,335	931,934
154	Mineral and soda waters	186	3,321,163	565,000	528,650	1,385,294	842,219	220	166	204,344	1,987	835,648
155	Mirrors	30	1,351,584			157,849	1,193,735	50	86	100,050	858	484,186
156	Models and patterns	50	315,751	8,000	20,000	91,233	196,518	57	23	24,117	302	187,942
157	Monuments and tombstones	28	175,784	1,500	6,968	17,408	149,908	26	14	15,018	134	117,776
158	Mucilage and paste	5	76,300			14,300	62,000	2	24	19,696	33	18,634
159	Musical instruments and materials, not specified.	32	902,829	5,800	16,200	115,214	765,615	82	26	36,046	303	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.	86	9,342,701	881,810	1,137,883	655,826	6,667,182	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	76,060	564,258	35	86	92,576	100	64,991
164	Optical goods	45	458,225	15,000	6,500	67,075	369,650	61	82	74,060	269	142,662
165	Painting, house, sign, etc	946	2,692,960	264,000	242,200	361,373	1,825,387	1,118	194	148,183	5,284	4,854,332
166	Paints	28	5,478,046	1,745,000	430,370	608,727	2,693,949	11	194	242,717	985	559,883
167	Paper goods, not elsewhere specified	44	2,003,939	148,000	202,204	430,505	1,223,230	54	158	184,233	928	334,729
168	Paper hanging	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	54,452	45	19,564
171	Patent medicines and compounds	133	4,625,547	745,000	787,746	259,194	2,833,607	116	487	565,795	836	859,522
172	Paving and paving materials	21	7,969,272	4,202,818	236,655	887,624	2,642,180	13	82	93,353	957	494,287
173	Pens, fountain and stylographic	9	261,670			25,175	236,495	8	49	56,834	105	48,395
174	Pens, gold	13	299,734			83,856	215,878	14	39	45,672	293	187,383
175	Perfumery and cosmetics	58	1,361,706	4,800	52,200	160,540	1,144,166	64	264	334,203	558	195,257
176	Phonographs and graphophones	3	77,800			46,600	31,200	1	2	5,000	66	38,672
177	Photographic apparatus	7	124,411			18,050	106,361	3	17	19,050	75	37,029
178	Photographic materials	9	51,885			25,200	26,685	12	9	6,490	56	24,194
179	Photography	254	770,210	20,500	14,700	320,943	414,067	285	102	98,205	696	388,217
180	Photolithographing and photoengraving.	46	490,962			240,305	250,657	64	129	121,304	607	518,116
181	Pickles, preserves, and sauces	54	1,188,608	208,400	176,900	292,264	511,039	61	137	157,752	637	277,614
182	Pipes, tobacco	28	650,205			99,605	550,600	35	79	72,489	800	463,772
183	Plastering and stuccowork	92	562,924	25,000	7,000	105,930	424,994	135	86	39,740	956	779,983
184	Plated and britannia ware	4	78,291			16,498	61,793	5	13	10,710	79	32,108
185	Plumbers' supplies	20	867,774	156,000	80,000	184,515	447,259	14	58	79,948	329	200,[illegible]
186	Plumbing, and gas and steam fitting	1,008	3,894,408	427,475	268,475	459,368	2,739,090	1,125	281	318,224	5,675	4,057,844
187	Pocketbooks	33	330,832	12,000	40,000	25,381	253,451	43	60	45,756	475	207,367
188	Printing and publishing, book and job	844	18,064,320	514,000	291,700	9,182,911	8,125,709	1,007	1,513	1,647,053	11,975	7,251,146
189	Printing and publishing, music	22	987,093	5,000	2,000	130,463	849,630	29	129	89,522	215	119,730
190	Printing and publishing, newspapers and periodicals.	371	38,258,674	2,508,000	2,083,885	8,766,163	24,900,626	239	5,765	7,581,321	8,982	7,133,968
191	Printing materials	16	315,497			134,806	180,691	11	20	26,051	121	69,741
192	Refrigerators	10	253,389	5,500	68,000	36,850	143,039	11	18	16,099	292	136,106
193	Regalia and society banners and emblems.	25	165,768			23,491	142,277	28	24	17,977	72	31,812
194	Roofing and roofing materials	121	467,774	60,000	64,600	67,255	275,919	139	33	39,642	536	360,216
195	Rubber and elastic goods	45	1,944,483	21,068	65,932	285,867	1,571,616	51	166	212,383	1,198	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.

BOROUGHS OF MANHATTAN AND BRONX—Continued.

Average number of wage-earners and total wages—continued. Men, 16 years and over. Average number.	Men, 16 years and over. Wages.	Women, 16 years and over. Average number.	Women, 16 years and over. Wages.	Children, under 16 years. Average number.	Children, under 16 years. Wages.	Miscellaneous expenses. Total.	Rent of works.	Taxes, not including internal revenue.	Rent of offices, interest, etc.	Contract work.	Cost of materials used. Total.	Principal materials, including mill supplies and freight.	Fuel and rent of power and heat.	Value of products, including custom work and repairing.	
2,644	$1,663,590	1	$260	5	$1,040	$591,726	$92,287	$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	1,560		670		4,949	4,463	486	19,210	129
2,197	1,674,054	421	144,136	126	20,540	447,143	136,923	2,413	225,649	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	14,548	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	84,830					28,118	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	16,606	5,500	82,202	79,224	2,978	295,007	134
517	281,435	65	16,760	1	400	105,104	34,533	2,596	56,775	11,200	501,201	492,868	8,333	1,214,188	135
271	263,897	14	4,571	8	1,387	41,571	17,928	4,473	18,461	709	1,910,204	1,903,693	6,511	2,552,159	136
66	33,648					20,585	3,970	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	371,646	46,370	3,298,245	3,281,068	14,177	5,877,798	139
222	116,614	1	236			82,356	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	197,919	29,283	595,505	141
2,918	2,334,337			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	31,156	882,188	87,132	2,324,703	2,265,041	59,662	7,449,143	143
193	117,601	6	1,964	4	722	59,208	50,749	341	6,993	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	82,961		200,190	198,380	1,810	555,373	148
2,850	2,151,332					499,690	120,855	20,811	229,515	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	98,043	26,278	865,068	14,999,798	11,934,097	11,885,731	48,366	38,327,340	150
623	343,308	152	59,212			156,863	77,149	593	71,591	7,620	1,330,171	1,321,644	8,527	2,529,995	151
1,830	1,073,184	8,682	2,784,373	97	17,366	1,112,578	507,603	8,065	496,764	100,146	10,972,494	10,901,121	71,373	20,512,995	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	833,483	2	825	6	1,300	442,506	94,777	29,968	317,761		948,135	916,539	31,596	3,276,991	154
790	466,896	50	14,840	13	2,450	180,217	72,175	1,066	102,176	4,800	2,444,145	2,426,702	17,443	3,805,683	155
243	169,521	56	17,641	8	780	49,633	25,462	10,238	13,433	500	134,144	126,050	8,094	539,624	156
134	117,776					24,247	10,167	185	10,345	3,550	201,288	199,997	1,291	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	10,390			39,776	20,234	1,340	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
4,634	2,832,614	6	1,708	150	24,599	892,187	193,914	39,180	592,678	66,415	5,060,133	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	643	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	74,600	44,822	5,470	23,478	830	506,379	501,072	5,307	1,012,821	164
5,237	4,836,154	34	15,360	13	2,818	695,899	280,488	9,294	170,452	235,665	2,477,053	2,462,015	15,038	9,422,366	165
972	556,390	13	3,493			284,266	61,048	34,902	188,316	5,000	3,807,580	3,751,723	55,857	5,496,639	166
364	180,902	562	153,577	2	250	253,042	57,964	9,667	166,411	19,000	1,089,525	1,073,841	15,684	2,145,838	167
128	47,545					5,337	4,490	2	845		58,060	57,939	121	177,000	168
864	501,832	104	27,508	43	9,504	151,544	73,063	8,723	69,758		1,126,247	1,081,061	45,186	2,495,183	169
14	7,495	31	12,069			19,892	6,600	177	13,115		19,800	19,760	40	137,800	170
367	224,844	464	133,852	5	826	2,839,298	111,921	29,354	2,651,212	46,811	1,814,123	1,795,921	18,202	7,090,641	171
955	498,981			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	1,836	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
160	87,478	391	106,416	7	1,343	338,951	65,326	4,803	268,522	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		46,148	45,800	348	119,980	176
69	34,770	6	2,250			20,233	5,340	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
536	318,443	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	12,342	1,089,657	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	132	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	10,546	7	1,500	89,983	45,422	1,802	18,215	24,544	305,257	301,704	3,553	1,484,873	183
65	27,458	13	4,434	1	156	13,520	3,452		9,928	140	64,755	63,457	1,298	156,013	184
327	199,580			2	686	82,471	18,408	6,173	57,890		415,297	405,596	9,701	912,761	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	66,618	15,034,150	186
367	178,294	100	33,087	8	986	45,908	16,896	700	26,200	2,112	402,452	400,339	2,113	842,946	187
10,161	6,556,087	1,726	676,202	88	18,357	4,301,147	878,088	34,112	1,290,763	2,098,184	6,836,628	6,602,049	234,579	25,245,681	188
190	110,066	23	9,240	2	430	251,297	37,387	250	40,284	173,426	160,647	156,599	4,048	853,862	189
7,259	6,484,251	1,668	637,994	55	11,723	13,238,375	955,543	188,791	6,545,195	5,548,846	11,784,160	11,376,108	408,052	49,097,739	190
118	67,211	8	2,530			28,049	15,884	300	11,865		141,323	136,846	4,477	355,227	191
292	136,106					46,240	8,568	2,675	14,997	20,000	219,122	216,175	2,947	479,854	192
23	13,360	49	18,452			42,017	17,228	86	13,833	10,870	130,713	130,056	657	263,404	193
536	360,216					81,033	36,416	1,721	35,871	7,025	499,637	490,357	9,280	1,230,407	194
410	224,981	770	214,741	13	2,742	243,868	49,411	4,388	156,349	33,720	2,042,770	2,018,242	24,528	3,681,764	195
561	335,262	37	11,000	3	604	141,380	84,541	1,709	54,885	245	519,903	514,093	5,810	1,402,349	196

TABLE 8.—MANUFACTURES IN CITIES

BOROUGHS OF MANHATTAN AND BRONX—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
197	Safes and vaults	3	$446,425	$70,000	$9,000	$301,625	$65,800	2	3	$3,996	35	$22,851
198	Sausage	21	180,583	38,000	49,200	28,924	64,459	23	10	8,424	73	46,592
199	Saws	4	7,065			5,900	2,065	5			3	1,196
200	Scales and balances	6	167,700			24,350	143,350	5	30	20,244	133	66,965
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	1,726,936
206	Show cases	6	75,374			19,000	56,374	5	19	15,859	112	48,299
207	Silk and silk goods	50	4,428,148	75,000	106,000	1,304,640	2,942,508	56	169	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	2,535,046	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.	28	7,552,078	765,000	2,280,000	831,150	3,675,928	34	244	301,250	1,382	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	539,135	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	19,626	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	150,000	100,000	180,675	527,716	33	79	70,444	519	229,356
219	Steam fittings and heating apparatus	19	1,349,813			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	28	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	463	338,762
223	Sugar and molasses, refining	7	299,372			33,737	265,635	12	20	26,454	49	29,110
224	Surgical appliances	32	106,777			18,188	88,589	32	25	18,040	85	49,551
225	Taxidermy	7	63,670			920	62,750	7	5	3,221	37	25,642
226	Tinfoil	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	208,600	210,050	881,000	2,141,294	574	173	190,802	2,989	1,954,704
228	Tobacco, chewing, smoking, and snuff	8	825,657	30,000	23,000	102,816	669,841	4	37	70,880	357	108,151
229	Tobacco, cigars and cigarettes	1,212	14,328,391	498,526	626,046	822,794	12,381,025	1,380	905	1,168,250	10,308	8,300,927
230	Tools, not elsewhere specified	33	1,198,675		300	46,654	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	74,388	685,185	87	92	76,834	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	968,060	221,000	161,000	101,340	485,320	12	68	150,167	167	114,140
239	Vault lights and ventilators	6	66,000	500	1,000	29,100	35,400	8	5	9,180	76	44,960
240	Vinegar and cider	4	97,075	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	642	626,523	5,900	23,200	163,816	433,607	707	28	22,258	614	378,659
243	Whalebone and rattan	3	56,200			4,200	52,000	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	94,485
246	Wirework, including wire rope and cable.	49	430,321	50,000	22,000	89,108	269,213	61	31	30,818	365	180,523
247	Wood, turned and carved	77	258,975			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			189,133	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	1,621,356

[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	$4,081,885	215	278	$346,689	3,815	$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			3	975
4	Blacksmithing and wheelwrighting	12	11,085	2,500	2,650	2,040	3,895	15			7	3,570
5	Boots and shoes, custom work and repairing.	11	3,640	2,000	2,225	3,640	775	11			2	656
6	Bread and other bakery products	9	38,300	6,325	14,150	10,025	7,300	10	8	2,800	24	9,750
7	Carpentering	13	29,015	4,600	5,800	4,690	13,925	13			36	37,558
8	Carriages and wagons	4	26,550	2,700	11,600	1,950	10,300	5			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.

BOROUGHS 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
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	5,055	441,991	198
3	1,196					1,031	706		325		4,735	4,470	265	13,300	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	38,332					22,017	6,390	56	15,061	510	47,593	45,950	1,643	189,006	202
966	542,171	9	4,136	28	$4,025	47,973	18,797	5,785	19,791	3,600	340,382	329,871	10,511	1,362,898	203
574	402,611	2	936	6	1,820	16,283	1,400	8,352	6,531		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	13,657,768	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	3,300,893	3,261,869	39,024	6,757,544	207
373	227,267	31	9,414	6	880	36,754	17,924	360	17,320	1,150	396,583	391,355	5,228	847,361	208
1,064	615,364	66	46,570	29	10,750	249,231	58,485	15,234	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	304			705,543	71,410	35,572	597,862	699	30,027,563	29,949,625	77,938	33,897,510	211
113	93,543					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	13,549	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	12,826	9	2,300	14,151	8,920	90	4,891	250	49,389	48,422	967	166,618	215
54	24,115					11,975	5,120	787	2,568	3,500	56,805	52,879	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	316	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			303,801	44,562	1,257	248,034	9,948	1,760,409	1,744,636	15,773	3,197,518	219
30	22,312			1	208	34,264	3,952		30,312		55,722	54,780	942	203,670	220
108	58,879	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	39,500	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	1,039,678	1,036,211	3,462	1,264,676	223
48	36,691	37	12,863			36,008	16,655		12,803	6,550	65,358	64,251	1,107	251,350	224
27	21,744	8	3,598	2	300	9,911	6,890		1,795	1,226	44,952	44,703	249	101,013	225
179	103,971	142	43,368	30	5,301	151,199	26,800	4,722	119,677		881,274	878,182	3,092	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
10,633	5,862,486	8,630	2,932,851	45	5,590	7,791,842	480,746	38,382	7,258,053	14,661	12,938,297	12,889,479	48,818	35,659,972	229
86	48,550	28	8,590			33,562	10,481	285	13,546	9,250	67,566	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			46,311	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	44,980	234
336	232,514	37	10,878	10	1,248	73,910	20,850	3,759	49,301		259,158	254,535	4,623	885,301	235
637	321,878	856	256,738	9	1,082	259,639	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	390,014	3,162	900,392	237
160	109,940	7	4,200			113,202	5,155	9,212	98,335	500	1,686,813	1,671,597	15,216	2,375,161	238
76	44,960					7,918	6,465	50	1,403		69,530	67,375	2,155	187,950	239
24	14,582					4,217	1,460	200	2,557		31,290	30,535	755	65,600	240
99	89,010	2	1,040			14,903	2,808	125	11,970		163,123	161,886	1,237	335,100	241
536	360,339	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	7,356	1	500			4,657	2,320		2,337		98,875	98,350	525	135,000	243
8	3,708					980	780		175	25	6,347	6,600	247	15,600	244
131	68,901	75	23,636	11	1,948	53,432	33,529	545	19,358		796,351	788,619	7,732	1,149,402	245
311	164,077	54	16,446			53,317	23,986	1,548	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		6,370	6,180	190	24,480	248
92	53,900	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	8,148,295	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	$39,083	$572,391	$1,331	$4,611,975	$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
3	975					539	440		99		3,675	3,620	55	7,450	3
7	3,570					976	833	71	72		5,749	5,478	271	21,464	4
2	656					394	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	37,558					794	346	236	212		81,568	81,308	260	137,437	7
14	7,854					762	196	149	417		8,007	7,673	334	23,402	8
15	8,950	23	5,392	1	125	3,424	2,138	8	678	600	21,108	20,878	230	56,486	9
		16	3,850			422	404		18		1,035	1,035		7,000	10
1	775					30		30			2,103	2,103		3,300	11

TABLE 8.—MANUFACTURES IN CITIES

OSWEGO—*Continued.*

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Foundry and machine shop products	11	$1,297,418	$39,400	$91,699	$248,768	$922,551	14	46	$49,917	600	$265,4[illegible]
13	Furniture, cabinetmaking, repairing, and upholstering.	8	6,700	2,000	3,200	350	1,150	8	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	178,2[illegible]
15	Liquors, malt	5	210,276	15,600	50,000	52,750	91,926	3	16	12,416	33	15,[illegible]
16	Malt	5	351,950	28,200	122,000	51,000	150,750	2	9	11,480	40	20,7[illegible]
17	Masonry, brick and stone	7	14,050	3,300	885	2,115	7,750	11			42	24,8[illegible]
18	Millinery, custom work	9	26,225	1,300	1,800	1,075	22,050	9	5	800	42	8,9[illegible]
19	Mineral and soda waters	3	19,700	1,800	4,200	8,000	5,700	2	1	1,000	5	2,[illegible]
20	Painting, house, sign, etc	14	31,050	3,100	4,450	3,550	19,950	16	4	900	52	25,5[illegible]
21	Photography	4	7,200	500	300	4,800	1,600	4			2	1,1[illegible]
22	Plumbing, and gas and steam fitting	6	69,725	12,000	8,500	6,525	42,700	8	3	950	32	13,6[illegible]
23	Printing and publishing, book and job	5	98,188	3,000	12,000	41,828	41,360	6	8	2,782	36	16,7[illegible]
24	Roofing and roofing materials	3	2,400			700	1,700	3			6	2,1[illegible]
25	Saddlery and harness	4	8,250			1,050	7,200	4			4	1,7[illegible]
26	Tinsmithing, coppersmithing, and sheet-iron working.	9	22,469	1,650	4,500	3,179	13,140	9	3	3,000	25	13,194
27	Tobacco, cigars and cigarettes	3	5,328			460	4,868	4			7	3,9[illegible]
28	Watch, clock, and jewelry repairing	6	14,450	1,200	2,200	5,200	5,850	6			12	6,1[illegible]
29	Wood, turned and carved	3	14,100			7,950	6,150	3			11	3,5[illegible]
30	All other industries[1]	38	3,978,831	179,507	610,472	978,442	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	$3,189,375	426	197	$240,593	3,432	$1,583,2[illegible]
2	Bicycle and tricycle repairing	5	17,400	2,000	4,000	5,500	5,900	5			13	7,[illegible]
3	Blacksmithing and wheelwrighting	17	16,245	2,700	2,900	3,675	6,970	19			27	16,2[illegible]
4	Boots and shoes, custom work and repairing.	24	6,790	1,050	1,075	1,990	2,675	26			3	1,[illegible]
5	Bottling	5	11,700	2,500	2,500	2,790	3,910	5			5	2,9[illegible]
6	Bread and other bakery products	19	130,124	4,800	9,800	79,817	35,707	19	14	15,058	66	31,6[illegible]
7	Carpentering	19	64,598	4,300	8,700	16,050	35,548	21	1	55	90	50,1[illegible]
8	Carriages and wagons	4	58,500	16,250	12,750	4,500	25,000	5	3	2,200	29	19,0[illegible]
9	Clothing, men's, custom work and repairing.	26	51,424	2,600	3,000	3,805	42,019	29	4	4,254	67	36,4[illegible]
10	Clothing, women's, dressmaking	22	22,510	3,300	9,200	2,215	7,795	24			39	14,3[illegible]
11	Confectionery	5	13,350	1,000	1,000	5,000	6,350	6	1	728	13	4,0[illegible]
12	Cooperage	4	55,900	7,450	10,300	5,450	32,700	5	1	520	55	27,6[illegible]
13	Dyeing and cleaning	5	4,775	1,000	1,500	1,875	400	6			8	1,0[illegible]
14	Electrical construction and repairs	4	4,033			2,000	2,033	4			4	1,4[illegible]
15	Foundry and machine shop products	9	423,921	30,000	30,841	118,820	244,260	9	15	19,248	242	135,1[illegible]
16	Furniture, cabinetmaking, repairing, and upholstering.	19	16,805	3,800	5,700	3,375	3,930	28			27	13,[illegible]
17	Lock and gun smithing	4	2,400			2,050	350	4			1	[illegible]
18	Looking-glass and picture frames	6	3,685			785	2,900	6			3	[illegible]
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	17,9[illegible]
20	Marble and stone work	3	10,275	3,000	650	1,125	5,500	4			7	5,0[illegible]
21	Masonry, brick and stone	9	15,210	2,100	2,900	2,575	7,635	10			57	39,3[illegible]
22	Millinery, custom work	17	38,026	3,400	6,950	1,303	26,373	17			52	13,5[illegible]
23	Mineral and soda waters	4	16,425	1,000	1,000	12,200	2,225	5			14	7,[illegible]
24	Monuments and tombstones	3	61,500	5,000	5,000	10,000	41,500	5			35	24,4[illegible]
25	Painting, house, sign, etc	14	13,460	100	325	4,258	8,777	19	1	300	52	31,9[illegible]
26	Paper hanging	4	12,875	3,000	3,800	875	5,200	5			8	5,0[illegible]
27	Patent medicines and compounds	4	29,875	9,000	4,500	10,575	5,800	5	1	400	17	10,[illegible]
28	Photography	7	9,300		500	6,900	1,900	9			11	5,0[illegible]
29	Plumbing, and gas and steam fitting	13	100,730	7,700	11,700	8,950	72,380	16	3	1,900	86	52,[illegible]
30	Printing and publishing, book and job	7	61,360			47,700	13,660	9	2	2,100	60	25,4[illegible]
31	Printing and publishing, newspapers and periodicals.	5	110,625	5,000	13,500	61,000	31,125	5	5	3,883	85	41,[illegible]
32	Roofing and roofing materials	3	5,450	550	750	950	3,200	3			11	6,[illegible]
33	Saddlery and harness	5	3,400	250	250	550	2,350	6			6	3,[illegible]
34	Slaughtering, wholesale, not including meat packing.	3	10,975	800	1,500	2,200	6,475	3			4	1,9[illegible]
35	Tinsmithing, coppersmithing, and sheet-iron working.	4	11,285	4,100	5,100	1,925	160	5	1	900	7	4,1[illegible]
36	Tobacco, cigars and cigarettes	11	54,090	750	1,200	2,280	49,860	14	2	1,000	59	32,[illegible]
37	Watch, clock, and jewelry repairing	15	21,225	5,725	5,725	5,225	4,550	16			10	5,1[illegible]
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,[illegible]

[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.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
596	$264,548	1	$300	3	$580	$63,181	$4,650	$4,144	$54,337	$50	$404,459	$388,061	$16,398	$944,490	12
4	1,900					636	36	210	340	50	4,435	4,435		9,800	13
126	52,784	534	120,009	43	5,460	28,526	11,450	4,622	12,454		606,589	597,351	9,238	915,097	14
33	16,030					55,177		1,688	53,489		42,158	39,454	2,704	148,137	15
40	20,733					19,702	5,000	3,261	11,441		434,253	424,065	10,188	565,323	16
42	24,834					275	50	45	180		11,535	11,385	150	49,915	17
		41	8,900	1	85	2,803	2,260	71	472		38,486	38,486		67,950	18
5	2,530					860	100	116	644		2,129	2,104	25	9,610	19
52	25,526					1,302	767	144	391		31,140	31,140		77,732	20
2	1,175					809	750	5	54		3,400	3,250	150	9,516	21
32	13,676					1,126	395	316	415		39,746	39,223	523	73,555	22
27	14,203	8	2,323	1	224	3,286	408	983	1,895		16,693	15,942	751	46,117	23
6	2,100					234	168		66		3,462	3,462		9,050	24
4	1,750					781	698		83		4,270	4,270		10,540	25
25	13,194					1,680	972	86	622		31,118	30,655	463	56,250	26
7	3,908					1,757	222		1,535		3,236	3,236		11,781	27
12	6,136					887	612	43	232		2,505	2,455	50	14,400	28
11	3,545					1,168	592		106	470	5,012	4,612	400	12,068	29
1,653	783,551	249	56,428	89	15,668	473,153	19,732	22,484	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	$166,664	65	$10,404	$411,495	$61,479	$17,670	$327,124	$5,222	$3,475,100	$3,252,318	$222,782	$6,826,769	1
13	7,699					1,523	664	60	799		8,006	7,730	276	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	6,429	87	19,907	4
5	2,952					776	304	75	397		12,483	12,453	30	23,005	5
66	31,687					23,566	3,476	473	19,617		119,397	116,313	3,084	218,562	6
90	66,130					2,172	875	161	1,136		77,492	77,297	195	194,083	7
29	19,060					1,979	1,200	144	635		11,807	11,152	655	49,950	8
54	31,271	13	5,131			7,203	4,436	45	2,722		49,664	49,019	645	135,013	9
4	4,372	35	10,181			2,166	1,827	139	200		21,084	20,939	145	57,157	10
7	2,666	2	720	4	625	1,349	900	30	419		18,367	17,902	465	35,089	11
55	27,012					2,490	330	328	1,832		38,731	38,317	414	85,307	12
3	1,002					814	668	27	119		1,495	1,305	190	7,000	13
4	1,479					615	440		175		6,961	6,822	139	13,920	14
242	135,102					20,897	2,402	878	17,622		283,640	278,055	5,585	527,710	15
27	13,389					2,234	1,521	333	380		12,708	12,588	120	50,376	16
1	520					218	204		14		718	687	31	3,585	17
3	860					1,222	1,102		120		5,754	5,704	50	14,903	18
43	17,900					1,652		402	1,250		37,150	36,450	700	83,000	19
7	5,000					656	500	35	121		13,150	13,090	60	22,417	20
57	39,540					350	135	58	157		23,817	23,817		79,411	21
		51	13,444	1	130	4,282	3,135	115	1,032		33,901	33,591	310	70,390	22
13	7,395	1	312			1,168	360	25	783		12,347	12,257	90	28,696	23
35	24,424					2,275	750	95	1,430		29,980	29,450	530	73,950	24
52	31,904					2,968	1,785	10	1,173		32,642	32,517	125	91,480	25
8	5,640					753	286	70	397		6,400	6,400		19,510	26
13	9,652	4	624			22,857	204	128	22,525		101,503	100,408	1,095	276,302	27
8	4,338	2	656	1	104	1,775	1,450	38	287		13,899	13,763	136	30,750	28
86	52,350					5,013	2,176	208	2,629		79,172	77,943	1,229	174,596	29
49	28,161	4	1,622	7	713	3,809	2,194		1,615		16,057	14,989	1,068	75,449	30
83	40,698	2	936			6,616	1,380	446	4,790		18,304	16,885	1,419	95,307	31
11	6,200					120	72	20	28		9,332	9,322	10	18,985	32
6	3,653					530	440	5	85		4,095	4,050	45	10,919	33
4	1,945					373	150	30	193		98,712	98,712		109,242	34
7	4,125					776	100	111	565		12,177	12,087	90	23,800	35
57	31,964			2	300	12,978	1,383	29	11,566		32,701	32,526	175	109,166	36
9	4,882	1	234			2,209	1,618	110	481		4,274	3,994	280	24,715	37
1,520	728,661	551	182,804	50	8,532	267,661	20,011	12,868	229,560	5,222	2,208,078	2,005,423	202,655	3,886,785	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; photolithographing 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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	2,616	$49,086,212	$3,550,688	$5,695,879	$10,918,912	$28,920,733	2,832	3,279	$3,292,451	33,408	$13,832,122
2	Awnings, tents, and sails	3	64,100	23,000	3,000	6,500	31,600	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	15,545	1,000	2,325	1,320	10,900	14	1	250	66	15,800
5	Bicycle and tricycle repairing	60	101,705	2,500	1,300	41,830	56,075	67	8	3,482	63	29,611
6	Bicycles and tricycles	8	354,284			86,763	267,521	3	42	29,433	167	84,986
7	Blacksmithing and wheelwrighting	73	107,690	29,200	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	83,195	19,500	23,325	19,205	21,165	134			64	24,709
12	Boots and shoes, factory product	60	2,942,648	8,100	20,862	788,976	2,124,710	67	395	363,860	4,485	1,664,903
13	Boxes, cigar	3	11,500			4,500	7,000	4			18	7,138
14	Boxes, fancy and paper	12	418,960	17,000	51,000	135,872	215,088	12	34	33,039	739	176,322
15	Boxes, wooden packing	4	189,393	26,000	42,000	30,945	90,448	8	12	10,766	127	56,615
16	Brass castings and brass finishing	4	101,499	12,000	29,000	15,845	44,654	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	11,050	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	Carpentering	132	393,921	60,150	55,975	76,412	201,384	148	10	11,376	862	519,862
21	Carpets, rag	4	6,005	250	300	5,080	375	3	1	1,000	7	2,324
22	Carriages and sleds, children's	3	51,794	100	450	2,150	49,094	2	3	1,150	9	4,090
23	Carriages and wagons	16	1,318,070	110,500	117,300	56,050	1,033,720	13	55	75,559	463	284,943
24	Cars and general shop construction and repairs by steam railroad companies.	4	362,895	33,500	61,700	131,702	135,993		23	22,348	503	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.	184	609,672	37,875	60,300	45,740	465,757	206	33	23,604	443	205,979
27	Clothing, men's, factory product	307	6,045,528	153,855	274,781	210,250	5,406,642	377	244	335,539	4,672	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	33	15,686
29	Clothing, women's, dressmaking	219	157,668	20,700	39,300	34,695	62,973	237	1	500	652	190,354
30	Clothing, women's, factory product	4	93,535			17,427	76,108	5	11	9,335	225	40,037
31	Coffee and spice, roasting and grinding	3	88,000			17,000	71,000	1	12	8,915	22	8,021
32	Confectionery	42	436,244	15,500	20,150	84,872	315,722	40	74	95,799	532	162,904
33	Cooperage	14	96,209	18,400	15,300	9,387	53,122	13	3	2,125	131	63,457
34	Corsets	6	26,050			5,050	21,000	7	2	1,250	37	9,046
35	Cutlery and edge tools	6	248,259	30,200	38,300	26,858	152,901	9	4	1,873	56	26,621
36	Dyeing and cleaning	8	38,410			26,310	12,100	11	8	3,692	63	15,064
37	Electrical construction and repairs	9	57,600	12,000	3,000	6,065	36,535	6	9	8,580	54	34,522
38	Electroplating	7	17,962			10,700	7,262	9	3	2,080	59	17,745
39	Engraving and diesinking	6	6,120			3,800	2,320	8	2	1,236	12	8,752
40	Engraving, wood	3	1,450			1,200	250	3			2	1,092
41	Fancy articles, not elsewhere specified	4	1,550			625	925	5	2	300	2	500
42	Flavoring extracts	3	4,525	800	1,000	975	1,750	3			1	260
43	Flouring and grist mill products	14	805,795	126,000	153,764	178,719	347,312	18	27	31,430	136	73,987
44	Food preparations	3	12,780			960	11,820	3	2	980	1	360
45	Foundry and machine shop products	73	4,206,826	378,852	552,991	1,021,459	2,258,524	53	208	257,685	1,385	1,020,690
46	Fur goods	5	142,532			9,300	133,232	6	12	7,700	69	27,917
47	Furnishing goods, men's	5	250,155			10,973	239,182	7	34	29,083	258	75,273
48	Furniture, cabinetmaking, repairing, and upholstering.	24	26,555	3,960	3,150	5,870	13,575	25	2	3,500	50	22,944
49	Furniture, factory product	22	1,493,471	118,300	181,300	211,842	982,029	21	131	152,737	1,491	569,243
50	Glass, cutting, staining, and ornamenting.	3	24,236			3,045	21,191	4	3	1,030	12	6,513
51	Hand stamps	3	10,500			4,200	6,300	4			9	4,993
52	Hardware	4	356,699	35,000	30,000	103,000	138,699	1	24	24,320	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	63,553
55	Ironwork, architectural and ornamental.	5	55,800			21,600	34,200	6	4	2,800	63	32,700
56	Jewelry	3	23,310			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	Lasts	4	42,874			20,474	22,400	4	2	2,200	50	26,660
59	Liquors, malt	13	4,906,098	723,991	1,313,776	843,244	2,025,087	5	114	171,465	404	306,953
60	Lithographing and engraving	5	613,172	30,000	75,260	297,287	210,625	3	24	25,888	344	160,041
61	Lock and gun smithing	8	6,155	400	400	1,905	3,450	8	2	1,300	8	3,480
62	Looking-glass and picture frames	13	277,100	12,100	18,500	38,350	208,150	14	36	46,911	240	108,606
63	Lumber, planing mill products, including sash, doors, and blinds.	17	527,127	58,700	111,954	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	186	82,988
65	Masonry, brick and stone	51	331,708	39,475	24,300	63,895	204,038	64	15	20,252	724	209,280
66	Millinery, custom work	55	139,299	8,150	14,750	6,400	109,999	67	15	6,126	172	54,989

BY SPECIFIED INDUSTRIES: 1900—Continued.

ROCHESTER.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
22,560	$11,042,593	9,889	$2,641,241	959	$148,288	$9,148,154	$755,433	$190,459	$5,889,483	$2,307,779	$32,082,068	$31,557,122	$524,941	$69,129,820	1
42	20,480	13	3,920			5,656	1,656	150	3,850		28,053	26,938	1,115	68,881	2
1	530	1	150			2,855	430	23	2,402		5,782	5,602	180	15,226	3
16	8,276	20	3,600	30	3,924	4,705	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	3,685	2,347	67,299	65,355	1,944	190,556	5
157	81,766	10	3,220			25,093	6,861	148	16,787	1,297	220,458	216,572	3,886	398,100	6
87	50,731			3	528	13,421	11,236	908	1,157	125	49,921	47,415	2,506	186,347	7
72	40,156	52	14,282	2	280	21,784	3,464		11,020	7,300	58,359	52,207	1,152	163,046	8
105	48,766	39	8,704	12	2,070	7,011	3,275		3,475	261	161,666	160,280	1,386	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	1,696	160,250	11
2,428	1,094,153	1,788	530,559	274	40,191	354,453	66,720	2,402	248,223	37,108	4,026,587	3,997,656	28,881	6,938,111	12
11	5,640	6	1,290	1	208	1,266	950		316		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	1,536	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	20,183		502,770	484,893	17,877	875,027	17
19	9,990					864	505	50	309		22,891	22,619	272	41,200	18
144	62,154	203	37,922	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	2,056,153	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					81,643	8,421	5,474	69,230	3,518	275,640	269,830	6,810	790,417	23
508	251,608					5,685		1,685	4,000		252,042	247,843	4,699	531,678	24
		1	290	1	156	445	304	25	116		1,435	1,090	345	6,175	25
249	148,944	176	54,364	18	2,671	199,289	42,884	1,257	22,624	132,524	431,857	426,810	5,047	1,198,072	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	11,138,220	27
16	10,240	19	5,082	3	364	1,952	284	61	1,607		4,515	4,168	347	28,524	28
38	22,862	618	167,353	1	139	34,122	28,952	742	3,828	600	165,952	161,523	4,429	563,829	29
6	2,392	219	37,645			19,746	2,850		16,896		88,431	87,861	570	185,357	30
13	5,681	9	2,340			5,985	2,360	25	3,600		122,756	120,966	1,790	152,561	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	1,690		887		16,136	15,780	356	39,450	34
56	26,629					6,655	1,135	1,667	3,562	291	23,983	20,680	3,303	82,520	35
29	8,675	34	6,389			5,905	4,120		1,785		13,564	10,314	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	1,812		450		5,038	4,242	796	37,964	38
6	2,348	6	1,404			1,529	952		577		1,251	1,132	119	19,113	39
1	936			1	156	448	288		85	75	565	535	30	6,550	40
		2	500			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	8,783	5,602	48,956		2,623,883	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	331,108	196,392	1,383,904	1,275,749	58,155	4,036,479	45
23	14,022	46	13,895			16,365	4,670	270	11,425		99,458	99,183	275	174,225	46
32	23,766	219	50,745	7	762	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	300	744,027	723,584	20,443	2,069,972	49
12	6,513					1,717	976		741		4,388	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	19,689	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		345		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	257,373	54
63	32,700					5,556	2,226		830	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	672,986	57
50	26,060					7,009	3,800		3,200		18,236	17,386	850	70,250	58
404	306,663					1,205,074	9,102	37,021	1,218,951		582,399	534,485	47,914	2,748,290	59
280	147,017	61	12,486	3	588	42,481	3,058	1,867	36,156	1,400	226,769	222,188	4,581	534,966	60
6	2,976	1	364	1	156	2,886	1,835	16	1,035		3,887	3,638	249	19,350	61
225	105,656	13	2,600	2	350	32,134	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		333,425	322,220	11,205	668,594	63
186	82,968					4,815	3,617	388	810		89,211	88,496	715	218,360	64
724	309,290					172,572	1,346	1,072	9,654	160,500	302,658	300,233	2,425	918,412	65
2	208	167	54,481	3	300	23,880	17,163	403	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	188,290	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.	8	255,148	14,000	18,878	16,140	206,130	-------	15	19,048	268	99,805
71	Optical goods	8	1,588,067	54,500	202,867	412,066	918,634	-------	143	86,341	977	454,072
72	Painting, house, sign, etc	126	143,120	19,500	24,950	24,461	74,209	138	2	1,500	388	191,317
73	Paper hanging	4	64,650	1,000	1,500	3,950	58,200	6	18	8,458	45	28,550
74	Patent medicines and compounds	29	393,325	51,150	152,250	27,990	161,935	28	80	35,591	65	28,533
75	Paving and paving materials	19	379,093	46,587	21,100	69,306	242,100	23	27	25,920	543	237,275
76	Perfumery and cosmetics	8	366,624	18,600	60,000	26,682	261,342	7	57	68,014	106	22,309
77	Photographic apparatus	7	1,037,327	46,100	161,320	151,603	678,304	3	69	44,773	1,282	477,153
78	Photographic materials	7	252,734	1,000	1,000	43,812	206,922	4	22	15,615	79	35,754
79	Photography	34	108,400	3,200	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	36,243	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	130,402
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	363,573
83	Refrigerators	3	31,600	2,000	4,900	10,700	14,000	5	3	2,136	27	16,620
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	52,671
86	Sausage	10	99,200	38,000	22,600	15,250	23,350	14	-------	-------	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	-------	-------	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	592,145	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	87	597,533	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	17,996
94	Watch, clock, and jewelry repairing	48	48,130	1,950	2,950	16,335	26,895	48	4	818	41	26,937
95	Wirework, including wire rope and cable.	6	30,200	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	8,421,278	585,229	980,848	3,503,510	3,351,686	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 sirups, 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;

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1	All industries	388	$6,517,864	$389,756	$866,881	$1,299,586	$3,961,691	412	222	$204,977	4,431	$2,527,332
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	6,800	3,750	9,730	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	34,090	600	1,400	16,565	15,525	20	20	7,167	47	24,754
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	3,587,069	208,100	616,895	786,687	1,975,387	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	4,032	38	12,6[illegible]
18	Mineral and soda waters	3	33,900	2,300	5,200	8,500	17,900	4	3	1,300	14	5,8[illegible]
19	Monuments and tombstones	3	18,750	5,200	2,500	1,650	9,400	4	-------	-------	8	6,7[illegible]
20	Painting, house, sign, etc	40	27,212	2,300	1,805	6,672	16,435	45	-------	-------	131	77,4[illegible]
21	Patent medicines and compounds	3	100,510	10,000	25,000	2,010	63,500	2	14	8,400	18	5,7[illegible]
22	Paving and paving materials	5	51,520	2,100	5,000	43,170	1,250	4	12	4,000	127	67,045
23	Photography	7	10,015	500	1,650	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	94,035
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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
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	159,653	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	124,345	123,648	697	474,708	72
45	28,550					7,977	3,450	33	4,494		37,976	37,716	260	102,080	73
32	20,505	30	7,393	3	635	197,134	4,648	4,993	186,993	500	103,410	101,646	1,764	509,180	74
542	237,175			1	100	36,510	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	950	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	31,438	16	4,316			31,845	5,360	324	16,718	9,443	90,346	86,050	4,296	204,698	78
67	32,474	23	8,600	2	230	21,940	12,071	163	7,401	2,305	43,375	41,928	1,447	162,549	79
451	206,399			1	275	36,067	17,579	1,083	15,855	1,550	638,138	634,554	3,584	1,091,417	80
256	106,318	83	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	273,845	267,077	6,768	1,380,581	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		57,144	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	3,197	167,869	85
29	14,753					9,999	3,984	625	5,390		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		244,958	242,789	2,164	601,643	90
199	93,148			1	165	25,101	9,886	959	12,686	1,570	151,772	148,896	2,876	378,698	91
310	146,595	334	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	7,688	4	734	23,587	2,100	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	93,595	94
39	13,814					3,489	1,676	98	1,715		12,089	11,628	461	43,450	95
23	13,230	1	600			2,507	1,255	35	1,217		13,664	11,931	1,733	53,798	96
2,042	942,103	1,318	355,634	59	9,754	699,154	52,674	44,639	590,443	11,398	5,532,720	5,416,450	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; mucilage 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; stamped 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.

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3,779	$2,363,961	607	$155,371	45	$8,020	$635,955	$50,119	$17,104	$423,138	$145,594	$4,953,662	$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	1,380	104	605		12,527	11,769	758	45,815	3
12	5,161					2,178	1,930	32	216		8,187	7,869	318	28,278	4
18	8,803					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	368,789	368,493	296	703,444	8
66	38,029	14	3,608			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			1,601	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	31,150	12
2,302	1,494,190					84,161	180	9,836	74,145		3,209,395	3,137,069	72,326	5,207,586	13
9	5,684					1,094	996	10	88		4,984	4,794	140	10,228	14
1	300					280	240		40		1,810	1,810		3,650	15
154	103,748					2,927	372	40	2,215	300	111,309	111,069	240	251,492	16
		36	12,322	2	294	6,620	5,120	104	1,384	12	65,460	65,220	240	103,623	17
12	5,356	2	468			3,848	360	80	3,408		9,871	9,516	355	30,960	18
8	6,720					844	30	124	690		7,877	7,800	77	21,200	19
130	77,215			1	255	5,443	2,518	48	2,877		36,218	35,982	236	153,516	20
1	624	17	5,100			201,091	120	388	200,583		13,771	13,351	420	247,400	21
127	67,046					5,414	80	164	5,170		59,412	54,712	4,700	148,636	22
5	2,614					1,822	1,080	20	622	100	3,844	3,666	178	15,980	23
148	93,585			2	420	6,062	2,436	146	3,480		115,799	114,610	1,189	263,406	24
6	3,518					2,483	820		413	1,250	3,706	3,182	524	13,250	25
41	23,483	19	8,478	1	156	15,446	2,760		11,431	1,255	15,809	14,494	1,315	80,388	26

TABLE 8.—MANUFACTURES IN CITIES

SCHENECTADY—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Roofing and roofing materials	3	$8,900			$1,300	$7,600	4			19	$10,9[illegible]
28	Saddlery and harness	4	3,475			1,275	2,200	4			4	[illegible]
29	Tinsmithing, coppersmithing, and sheet-iron working.	4	6,125	$300	$150	900	4,775	5			6	[illegible]
30	Tobacco, cigars and cigarettes	11	35,015	5,000	6,400	1,540	22,075	14	1	$600	44	21,6[illegible]
31	Watch, clock, and jewelry repairing	8	6,230			3,210	3,020	8			6	[illegible]
32	All other industries[1]	35	2,002,128	87,581	139,261	288,477	1,486,809	39	75	80,610	787	[illegible]

[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;

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1	All industries	1,383	$31,358,055	$2,901,602	$5,044,222	$8,882,531	$14,529,700	1,514	1,431	$1,424,279	14,917	$6,735,1[illegible]
2	Awnings, tents, and sails	3	64,875	25,000	25,000	475	14,400	3	1	170	20	6,[illegible]
3	Baskets, and rattan and willow ware	3	4,305	50	200	290	3,765	5			7	3,0[illegible]
4	Bicycle and tricycle repairing	28	35,250	2,500	3,550	12,100	17,100	33	3	637	28	[illegible]
5	Bicycles and tricycles	8	775,071	35,174	71,869	307,843	360,185	2	102	57,100	610	[illegible]
6	Blacksmithing and wheelwrighting	54	84,461	25,767	21,450	14,265	22,979	60			82	[illegible]
7	Bookbinding and blank book making	4	19,467			11,900	7,567	6			41	[illegible]
8	Boots and shoes, custom work and repairing.	69	27,287	3,620	4,175	10,455	9,037	65	1	520	27	[illegible]
9	Boots and shoes, factory product	4	481,533	25,908	14,093	74,268	367,264	4	52	54,498	469	[illegible]
10	Bottling	5	18,586	600	400	3,375	14,211	11	7	2,080	9	[illegible]
11	Boxes, fancy and paper	3	81,664	13,000	29,000	14,500	25,164	6	2	650	89	[illegible]
12	Brass castings and brass finishing	5	104,435	23,500	25,500	20,150	35,285	9			63	[illegible]
13	Bread and other bakery products	61	430,917	28,458	35,391	246,493	120,575	72	52	38,254	221	[illegible]
14	Brooms and brushes	3	15,545			925	14,620	5	1	386	34	[illegible]
15	Carpentering	39	212,495	36,950	26,950	54,070	94,525	102	5	3,392	420	[illegible]
16	Carriages and wagons	20	494,982	25,150	68,900	41,162	359,770	22	16	33,310	314	[illegible]
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	[illegible]
18	Clothing, men's, custom work and repairing.	91	260,099	7,350	7,450	19,461	225,838	98	20	10,648	231	[illegible]
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	[illegible]
20	Clothing, women's, dressmaking	44	28,108	550	1,500	9,540	16,518	52	14	17,438	466	[illegible]
21	Clothing, women's, factory product	8	146,798			20,840	125,958	9	12	8,612	261	[illegible]
22	Coffee and spice, roasting and grinding	4	112,240			13,340	98,900	7	3	2,580	21	[illegible]
23	Confectionery	9	88,168	1,000	2,310	40,435	44,423	11	9	5,606	63	[illegible]
24	Cooperage	6	43,460	8,700	5,200	1,660	27,900	6	1	900	43	[illegible]
25	Dyeing and cleaning	9	22,085	5,900	4,700	5,555	5,930	11	2	408	22	[illegible]
26	Electrical apparatus and supplies	4	74,723			24,000	50,723	3	10	6,464	67	[illegible]
27	Electrical construction and repairs	10	47,919			14,624	33,295	12	7	3,069	31	[illegible]
28	Electroplating	5	6,985			3,610	3,375	5			20	[illegible]
29	Flavoring extracts	3	11,635	2,280	600	705	8,050	3			5	[illegible]
30	Food preparations	4	258,076	500	800	27,243	229,533	2	38	39,352	93	[illegible]
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	[illegible]
32	Fur goods	5	26,140			1,200	24,940	8	3	3,240	25	[illegible]
33	Furniture, cabinetmaking, repairing, and upholstering.	27	74,260	14,500	5,900	21,535	32,325	30	5	2,647	59	[illegible]
34	Furniture, factory product	8	435,278	30,000	64,697	51,388	289,193	9	23	23,150	322	[illegible]
35	Gloves and mittens	5	19,203			2,327	16,876	6	3	1,275	31	[illegible]
36	Hairwork	5	11,149			785	10,364	5			7	[illegible]
37	Hand stamps	3	6,350			3,800	2,550	3	3	1,040	4	[illegible]
38	Hosiery and knit goods	5	345,786	23,300	26,975	77,493	218,018	9	16	17,790	284	[illegible]
39	Iron and steel	3	1,811,560	736,001	288,142	187,740	599,677		32	57,204	751	[illegible]
40	Ironwork, architectural and ornamental.	3	12,250			5,700	6,550	3	3	1,595	21	[illegible]
41	Lime and cement	5	233,830	34,625	39,525	47,358	112,322	1	17	14,188	50	[illegible]
42	Liquors, malt	10	2,993,798	279,150	853,848	462,149	1,398,651	16	67	123,313	252	[illegible]
43	Lock and gun smithing	12	11,145	2,000	900	5,687	2,558	13			7	[illegible]
44	Looking-glass and picture frames	12	73,487	4,000	5,000	13,980	50,507	17	2	1,200	76	[illegible]
45	Lumber, planing mill products, including sash, doors, and blinds.	9	408,598	43,000	87,400	90,000	188,198	12	12	8,290	207	[illegible]
46	Marble and stone work	5	10,290	1,000	570	3,770	4,950	7			22	[illegible]
47	Masonry, brick and stone	34	181,232	20,380	14,380	47,860	98,612	47	14	6,170	479	[illegible]
48	Mattresses and spring beds	4	35,569			1,850	33,719	2	5	4,983	35	[illegible]
49	Millinery, custom work	20	49,010	5,000	6,000	4,870	33,140	26	3	3,484	143	[illegible]
50	Mineral and soda waters	7	100,743	16,000	24,500	37,178	23,065	8	13	8,008	34	[illegible]
51	Models and patterns	3	5,300			2,500	2,800	3			7	[illegible]
52	Monuments and tombstones	7	50,905	20,000	8,230	1,825	20,850	11			12	[illegible]
53	Optical goods	4	14,500			2,500	12,000	7	2	1,374	7	[illegible]
54	Painting, house, sign, etc	33	56,167	4,550	9,430	6,805	35,382	41	4	2,612	126	[illegible]
55	Patent medicines and compounds	10	30,785	800	700	1,248	28,037	9	11	8,868	6	[illegible]
56	Paving and paving materials	8	246,629	22,995	15,000	84,288	124,346	5	13	15,196	844	[illegible]

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 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.										
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	3,151					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	116,366	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	$39,884	$3,428,671	$317,769	$115,058	$2,829,899	$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	8,583	3
28	12,792					6,343	3,530	33	1,273	1,457	32,085	31,028	1,057	79,409	4
603	291,714	7	900			130,181	9,388	3,663	117,130		430,636	409,241	21,395	747,329	5
82	49,261					9,271	6,827	518	1,796	130	42,151	39,472	2,679	158,833	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	749	75	20,363	19,597	766	72,866	8
319	137,250	140	39,278	10	2,020	54,598	4,290	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	70,814	11
63	37,500					5,061	348	503	4,210		135,659	131,034	4,625	201,400	12
176	93,210	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	12	1,460	2,113	880	46	1,187		21,184	21,084	100	40,586	14
420	237,322					98,260	4,030	732	7,450	86,048	440,661	437,942	2,719	939,683	15
302	156,161	12	2,631			20,931	9,446	2,086	17,929	470	258,521	253,315	5,206	520,435	16
117	59,004					794		594	200		87,189	86,043	1,146	106,226	17
157	92,742	68	19,620	6	643	89,507	26,223	367	13,069	49,848	240,501	237,325	3,176	585,234	18
455	242,866	605	151,463	18	2,375	463,723	30,690	3,094	60,946	368,993	1,444,437	1,433,041	11,396	2,811,262	19
23	16,417	433	103,914	10	1,050	9,948	7,981	22	1,945		42,420	40,596	1,824	232,928	20
14	7,992	230	54,753	17	2,064	36,481	6,174		29,557	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	248,701	22
40	20,510	23	5,814			8,529	6,038	47	2,444		188,919	186,277	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	5,685	4,411	1,274	33,021	25
65	39,596	2	780			8,602	1,760		6,787	55	72,940	71,234	1,706	150,441	26
31	21,268					4,611	2,125		2,411	75	60,936	60,715	221	117,622	27
18	7,831	2	562			1,397	852	20	515	10	4,815	3,698	617	20,286	28
3	1,340	2	572			1,972	240	7	1,725		12,681	12,668	13	30,903	29
48	18,169	45	10,761			137,136	3,060	1,056	133,020		455,499	451,676	3,823	790,249	30
1,393	673,788	8	1,879	2	446	142,864	12,771	13,220	107,693	9,180	939,208	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	3,518	575	41,861	40,598	1,263	116,345	33
307	148,639	13	6,463	2	260	27,589	3,605	1,357	22,127	500	210,167	206,545	3,622	553,573	34
11	3,889	20	5,290			3,340	616		2,724		32,958	32,654	304	56,437	35
		7	1,844			884	660		199	25	5,511	5,379	132	10,500	36
5	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	2,388	526,343	38
739	404,524			12	2,184	23,911	105	5,832	11,882	6,092	673,519	605,763	67,756	1,861,613	39
20	8,485	1	475			2,822	1,140		182	1,500	17,095	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	1,814,295	42
7	2,508					1,600	1,098	43	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	112,987	44
201	83,331	3	600	3	309	28,578	2,865	1,930	13,978	4,800	331,403	328,981	2,422	493,303	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	88,323	246,332	244,200	2,132	677,483	47
26	10,966	9	2,851			8,247	2,682	50	5,515		49,391	48,841	550	83,056	48
1	312	142	52,743			7,264	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	5,320					378	316		62		3,320	2,911	409	13,798	51
12	7,014					1,544	137	220	802	385	38,243	38,082	161	59,676	52
5	2,600	2	660			3,701	1,778	10	1,913		9,136	8,920	216	29,049	53
124	68,099	2	400			6,713	4,307	261	2,145		47,186	46,785	401	165,132	54
4	1,740	2	557			11,664	1,020	44	10,600		19,589	19,373	216	46,193	55
344	115,783					35,889	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. 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	26,594	249	155,028
59	Pottery, terra cotta, and fire-clay products.	4	557,125	64,650	236,154	40,000	216,321	3	15	21,090	421	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	68,393	31,200	3,200	4,750	29,243	7			47	22,673
63	Saddlery and harness	19	44,012	200	300	9,656	33,856	20	4	3,380	40	19,027
64	Salt	18	1,185,921	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	5,083
66	Shirts	11	10,350			790	9,560	10	1	510	45	13,723
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	17,826	25,480	69,045	53	9	2,743	124	70,736
70	Tobacco, cigars and cigarettes	72	375,405	31,670	23,330	21,537	298,868	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 [1]	108	10,735,908	747,538	1,376,184	5,187,546	3,424,640	89	313	357,034	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	$23,531,622	$1,433,776	$3,238,085	$4,780,918	$14,128,843	785	917	$1,045,237	21,564	$8,571,923
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	6,848	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	33,827	35,070	32,342	26	23	12,897	129	73,927
7	Brick and tile	5	93,300	30,000	11,000	27,500	24,800	4	3	1,144	59	25,385
8	Carpentering	41	194,243	9,220	13,130	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	148,353	49	7	3,004	193	81,577
11	Clothing, women's, dressmaking	19	29,845	1,000	2,000	4,920	21,925	26	4	2,424	79	30,114
12	Coffee and spice, roasting and grinding	3	11,100			3,600	7,500	4	1	1,800	5	3,212
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	7,453
15	Foundry and machine shop products	24	2,736,306	168,276	317,185	645,494	1,605,351	28	90	116,082	971	558,066
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	3,283,573
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	838,507	24,436	98,102	283,581	432,388	3	20	37,358	755	319,687
21	Liquors, malt	8	2,267,251	139,760	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	208
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	30,518
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	36,579
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	534	148	77,111
31	Paper and wood pulp	5	1,104,889	49,550	179,300	280,031	596,008	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	169,364	2,500	5,600	16,214	145,050	31	6	3,904	138	81,232
34	Printing and publishing, book and job	14	123,073			94,126	28,947	20	10	6,630	84	39,045
35	Printing and publishing, newspapers and periodicals.	12	669,690	41,000	89,000	306,250	233,440	7	32	38,644	260	160,870
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	39	20,312
38	Shirts	8	3,026,501	58,897	188,685	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	23	6	4,712	76	42,418
40	Tobacco, cigars and cigarettes	41	144,003	8,500	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 [1]	68	5,023,769	567,182	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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
17	$9,857	18	$7,893			$3,426	$5,058	$2	$3,266	$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	768,996	58
273	112,241	151	41,831			22,892		3,080	19,812		75,539	49,606	25,933	291,767	59
148	80,588	36	9,166	28	5,136	26,816	5,858	1,750	17,653	1,560	186,567	180,547	6,020	336,384	60
338	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	113,300	62
38	18,209	2	728			5,161	4,533	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	17,549	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	2,958	175	115,056	112,826	2,230	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	664,484	70
36	22,697					11,569	6,854	73	3,987	655	19,443	18,979	464	88,446	71
2,538	1,242,440	171	39,759	61	10,636	600,746	31,512	34,755	531,711	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	$11,291,740	$10,953,355	$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					5,529	3,508	272	1,703	46	25,627	24,431	1,196	98,054	3
13	5,014					5,458	5,015	47	396		17,766	17,071	695	51,111	4
87	36,489	78	34,916	38	7,408	25,848	8,630	25	17,193		99,360	97,420	1,940	265,753	5
124	72,483	3	1,038	2	406	19,002	5,856	1,549	11,597		229,008	223,204	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	1,184	462	1,227	300	27,662	27,058	604	82,695	9
126	80,226	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	25,473	12
26	14,878	15	3,286	2	312	3,974	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
8	2,050	10	4,284			3,092	1,026	96	1,970		11,129	10,974	155	26,418	16
1,223	609,457	8,814	2,666,052	88	13,064	689,188	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	415	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	2,834	2,773	30,924	11,457	506,440	499,409	7,031	969,548	20
255	158,374	2	312			582,079		12,595	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	2,308	520	97,926	96,501	1,425	228,982	25
2	305	111	36,141	3	433	25,870	20,157		5,713		115,780	114,830	950	248,321	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	546	1,321	4,238	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	82,013	1	282			44,875	3,300	3,391	38,184		462,960	428,572	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	3	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	3,948	91,200	85,760	5,440	538,398	35
39	17,539					1,877	560	128	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	332,043	3,852	1,327,257	55	8,554	295,319	31,636	4,179	193,368	66,136	1,763,323	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	106,900	1	900	24	3,053	43,645	6,701	263	36,681		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	984	200,475	23,103	45,541	127,943	3,888	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. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	733	$19,289,502	$897,213	$2,330,190	$4,659,482	$11,402,667	842	883	$792,574	10,759	$4,148,415
2	Agricultural implements	3	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	6,305	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	35			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	52,775	40	4	818	300	155,116
10	Carriages and wagons	6	54,468	5,300	8,800	5,163	35,205	8	5	6,912	88	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	81,805
12	Clothing, men's, factory product	58	2,858,639	4,750	14,450	45,660	2,293,779	72	151	129,297	1,247	445,389
13	Clothing, women's, dressmaking	34	28,465	2,900	4,400	3,900	17,265	40			96	26,663
14	Confectionery	6	21,250	1,500	4,500	2,200	13,050	10	2	474	9	4,218
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	145,529	189,136	410,502	13	46	56,233	486	205,109
17	Fur goods	3	18,874			1,350	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	343	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	90,039
23	Lock and gun smithing	3	3,800	600	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	483,636	49,150	72,555	46,320	315,611	3	23	30,880	171	77,636
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	118,229
28	Mattresses and spring beds	3	29,250	5,200	10,800	4,300	8,950	1	5	3,616	37	19,520
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	17,695
31	Painting, house, sign, etc	23	36,550	2,650	2,300	4,180	27,420	30	2	525	94	54,445
32	Paper hanging	10	37,845	5,525	5,850	745	25,725	16	3	672	27	13,083
33	Paving and paving materials	7	205,453	9,484	5,200	70,332	120,437	8	17	17,950	389	149,452
34	Photography	10	22,505	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	123,000			77,750	45,250	20	16	8,958	116	49,458
37	Printing and publishing, newspapers and periodicals.	9	396,100	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	286,956	365,842	896,761	2	120	77,352	620	335,802
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	13,698	21	2	1,050	18	9,641
46	All other industries[1]	80	8,328,024	331,314	1,070,589	2,662,571	4,263,600	80	158	182,556	3,605	1,174,397

[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 diesinking, 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	$664,381	$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			1,930	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	13	154,574	875	42,100	27,559	84,040	13	16	12,816	62	26,398
6	Carpentering	13	45,792	4,450	3,650	4,925	32,767	15	1	213	99	54,765
7	Carriages and wagons	4	1,236,480	64,862	239,058	68,551	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	1,480
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	16,388
11	Flouring and grist mill products	5	273,634	73,162	37,600	47,683	115,189	2	11	11,860	27	12,939

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 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.										
6,874	$3,177,594	3,272	$875,813	613	$95,008	$2,133,972	$147,994	$115,868	$1,468,899	$401,211	$9,405,370	$9,222,034	$183,336	$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	2,636	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	38,108	5
19	8,766					1,048	478	115	455		26,927	26,654	273	47,427	6
2	1,370	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	9,808		233,241	225,655	7,586	385,086	8
300	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	3	413	10,953	9,832	171	4,454	2,496	127,042	125,550	1,492	314,755	11
545	277,705	683	165,016	19	2,668	434,463	24,157	10,988	203,567	195,751	1,828,849	1,818,250	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					3,307	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	38,000	17
17	8,550	5	1,950			2,562	2,009	20	368	165	16,611	16,478	133	41,650	18
		4	1,182			1,421	1,005	4	412		2,616	2,436	180	9,146	19
4	1,784	3	950			1,543	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					299,791		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
		76	23,792	2	286	15,590	9,546	146	5,898		112,662	111,922	740	200,907	29
29	17,695					5,289	1,461	155	3,233	440	56,491	56,049	442	106,149	30
92	54,069			2	376	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	45,858	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	2,809	45	1,401		8,961	8,640	321	43,160	34
122	74,900					26,202	6,822	695	16,685	2,000	183,978	182,562	1,416	354,403	35
92	45,364	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	55,580	3,420	3,522	48,228	360	73,958	70,010	3,948	428,822	37
12	5,858					597	533	36	28		10,755	10,622	133	22,778	38
40	20,128					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	1,204,693	41
81	14,756					4,924	2,277	151	2,496		21,821	21,196	625	62,758	42
24	8,231	7	1,540	1	180	76,303	1,744	825	73,734		43,819	43,043	776	148,390	43
125	62,056	2	364	6	1,092	33,310	2,944	511	29,855		72,662	71,127	995	222,877	44
18	9,641					4,760	3,225	48	1,487		11,541	11,136	405	44,814	45
2,100	803,345	1,129	308,744	376	62,308	614,480	18,555	59,359	378,419	158,147	2,923,842	2,845,884	77,958	5,664,525	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; photolithographing and photo-engraving, 1; plastering and stuccowork, 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	$109,432	18	$2,419	$455,916	$56,421	$26,245	$356,156	$17,094	$4,152,344	$3,998,750	$153,594	$7,881,977	1
5	2,685					1,405	1,165	8	232		6,647	6,475	172	14,124	2
20	9,945					2,355	2,119	88	148		9,543	8,642	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	1,972	169,178	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		552,053	547,520	4,533	985,440	7
2	1,330	1	150			136	30	29	77		39,636	39,363	273	46,140	8
38	18,263	50	12,547			8,069	4,084	50	2,720	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.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
12	Foundry and machine shop products	6	$3,594,582	$142,500	$281,966	$1,362,922	$1,807,194	3	34	$63,800	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, including 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	824,178	399,805	476,894		32	63,647	640	303,901
21	Photography	9	9,159			6,289	2,870	11			8	2,185
22	Plumbing, and gas and steam fitting	16	59,056	800	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	13,168	83	49,013
25	Saddlery and harness	6	12,450	400	2,500	540	9,010	7			9	5,069
26	Tinsmithing, coppersmithing, and sheet-iron working.	3	23,250			1,050	22,200	3			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	289,262	58	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	$18,097,205	$1,681,818	$1,406,697	$3,601,228	$6,407,462	404	329	$453,426	8,615	$3,888,392
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	3	5,175			2,700	2,475	8			9	4,862
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	10,532	1,510	1,075	3,867	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	Carpentering	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	17,305			4,000	13,305	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			16	9,335
15	Lock and gun smithing	4	2,010			860	1,150	4			2	594
16	Looking-glass and picture frames	3	2,960			310	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	10,348			480	9,868	11			10	3,422
20	Mineral and soda waters	5	44,400	5,000	10,000	16,300	13,100	6			32	17,692
21	Painting, house, sign, etc	14	65,775	17,700	25,100	5,075	17,900	17			89	66,237
22	Patent medicines and compounds	4	174,407	2,972	5,549	20,602	145,284	6	35	115,117	80	30,711
23	Photography	7	9,925			3,750	6,175	7			7	3,501
24	Pickles, preserves, and sauces	4	14,300	5,100	1,300	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	78,631
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	22,423
28	Roofing and roofing materials	3	48,000	3,000	2,700	5,300	36,500	2	3	2,340	20	10,160
29	Saddlery and harness	7	7,300			1,275	6,025	7			5	2,366
30	Tinsmithing, coppersmithing, and sheet-iron working.	12	40,515	11,000	12,400	5,065	12,050	12	1	300	67	39,009
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	3,099,189	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 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.										
1,345	$744,624			2	$300	$59,229	$15,150	$8,482	$35,597		$1,358,875	$1,323,492	$35,383	$2,352,945	12
21	10,400					1,598	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	45,319			2	200	8,224	1,300	876	5,798	$250	168,538	167,833	705	262,345	15
58	35,983					752	75		677		68,651	68,211	440	119,258	16
		36	$7,951			5,302	3,090	73	2,139		38,929	38,570	359	72,741	17
8	3,450					504	396		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	18,948	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	800	22,909	2,081	829	18,791	1,208	25,778	23,471	2,307	149,841	24
8	4,819	1	250			1,367	960	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 stuccowork, 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	$52,693	$1,050,522	$98,585	$46,452	$850,668	$63,817	$10,555,218	$10,385,957	$169,261	$19,580,324	1
5	3,565	1	90			955	510	85	360		12,276	11,961	315	25,851	2
8	4,610			1	252	1,252	995		257		4,874	4,696	178	16,950	3
47	29,974					4,376	3,607	304	465		29,382	28,098	1,284	100,477	4
11	4,641					4,313	4,106	41	166		15,213	14,620	593	46,932	5
3	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	381	4,388		142,726	139,167	3,559	251,906	7
200	137,666					34,197	2,175	464	4,945	26,613	213,915	212,040	1,875	454,351	8
38	26,598	5	1,920	1	52	5,339	4,555		484	300	42,348	41,292	1,056	98,916	9
17	12,190	10	3,790			2,282	1,796	100	386		48,535	48,127	408	81,940	10
22	11,608	4	1,600			6,294	5,644		650		31,822	29,983	1,839	78,362	11
15	9,060					3,614	579		3,035		13,851	13,570	281	33,500	12
595	352,114					70,565	2,250	7,157	61,158		798,207	784,738	13,469	1,381,903	13
15	9,335					1,753	1,163	150	440		10,104	9,632	472	30,465	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
87	28,844					4,219	700	94	1,425	2,000	25,332	25,252	80	72,200	17
289	154,301					32,897	484	265	2,344	29,804	233,222	232,537	685	517,816	18
		10	3,422			3,732	3,460	20	252		21,644	21,308	336	39,417	19
32	17,592					6,923	1,420	400	5,103		34,407	33,812	595	68,442	20
89	66,237					3,459	2,046	469	944		36,512	36,200	312	129,993	21
35	14,827	40	15,027	5	857	233,713	3,400	878	229,435		221,653	220,381	1,272	744,784	22
4	2,391	3	1,110			2,735	2,056		679		5,926	5,698	228	21,500	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	1,493	1,092		361	40	3,437	3,336	101	14,500	26
29	19,908	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	38,819	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	5,310					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	8,266,643	8,132,676	133,967	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. Total.	Capital. Land.	Capital. Buildings.	Capital. Machinery, tools, and implements.	Capital. Cash and sundries.	Proprietors and firm members.	Salaried officials, clerks, etc. Number.	Salaried officials, clerks, etc. Salaries.	Average number of wage-earners and total wages. Total. Average number.	Average number of wage-earners and total wages. Total. Wages.
1	Total for cities and villages	7,705	$169,268,828	$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	57,403	101,656	20	5	5,120	256	101,207
4	Baldwinsville	55	821,470	124,500	103,928	234,112	358,930	54	33	31,944	349	163,976
5	Ballston Spa	62	3,415,471	422,522	682,493	953,378	1,357,078	65	22	51,612	992	499,183
6	Batavia	126	3,532,968	81,700	409,182	546,197	2,495,889	133	192	168,354	1,773	753,494
7	Brockport	39	528,469	18,018	61,835	112,863	335,753	48	32	29,984	400	134,792
8	Canandaigua	86	1,338,169	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	191,232
10	Catskill	75	1,579,609	212,808	464,090	452,068	450,733	88	44	48,831	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	138	2,212,109	144,665	380,640	368,123	1,318,681	154	135	154,442	1,965	870,750
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	73	446,469	31,075	83,877	124,675	206,842	92	22	19,579	253	87,917
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	64,733	105,209	168,951	77	5	3,856	248	88,338
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	328,104	41	20	20,565	436	215,323
21	Fort Plain	44	457,257	36,678	75,215	181,265	164,099	42	14	10,570	321	105,[illegible]
22	Fredonia	41	514,975	26,100	45,100	49,622	394,153	50	45	41,668	210	63,963
23	Fulton	68	1,910,181	188,107	431,078	661,843	629,153	74	58	57,814	730	301,017
24	Geneva	161	2,617,661	155,192	319,361	571,820	1,571,288	169	138	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	3,280	1,033,416
26	Gloversville	312	5,740,327	200,306	457,439	600,911	4,481,671	403	247	239,755	8,111	2,538,853
27	Green Island	46	2,472,997	71,223	257,390	413,174	1,731,210	50	65	84,224	933	470,[illegible]
28	Hadley	6	101,297	24,800	14,550	21,550	40,397	7	4	4,800	72	21,[illegible]
29	Haverstraw	110	1,306,235	186,445	225,403	368,572	525,815	131	20	16,753	1,174	510,[illegible]
30	Herkimer	73	1,836,979	142,728	281,719	449,158	963,374	79	49	81,661	1,341	519,[illegible]
31	Homer	36	495,611	14,625	61,100	62,869	357,017	42	10	5,930	280	108,[illegible]
32	Hoosick Falls	57	3,070,843	93,315	514,499	456,137	2,006,892	58	75	79,288	1,405	[illegible]
33	Hornellsville	154	1,952,072	225,218	298,855	445,669	982,330	187	129	103,688	1,757	[illegible]
34	Hudson	144	2,357,304	189,242	380,809	521,762	1,265,491	158	84	94,590	1,403	[illegible]
35	Ilion	47	2,172,209	68,151	256,582	534,710	1,312,766	57	58	60,826	1,946	1,185,[illegible]
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	130	119,696	3,884	1,218,[illegible]
38	Lansingburg	127	2,957,650	198,286	488,350	465,026	1,805,988	155	128	261,345	2,940	1,128,[illegible]
39	Leroy	62	1,955,988	257,090	588,486	326,308	784,104	59	158	101,175	430	158,[illegible]
40	Lestershire	40	1,577,367	30,200	57,315	216,810	1,273,042	39	53	29,266	1,891	712,[illegible]
41	Little Falls	124	4,020,578	327,074	668,016	971,879	2,053,604	147	106	120,499	3,112	1,125,[illegible]
42	Lockport	243	6,250,709	680,661	1,083,621	1,725,056	2,761,371	284	245	238,799	2,699	1,217,[illegible]
43	Lyons	80	713,840	53,125	114,200	167,481	379,034	93	62	27,807	288	119,[illegible]
44	Malone	116	593,853	55,885	87,675	151,117	299,176	136	26	19,114	508	201,[illegible]
45	Matteawan	43	1,119,745	29,257	204,537	161,250	724,701	42	40	97,449	785	[illegible]
46	Mechanicsville	66	2,652,410	130,907	973,757	877,923	669,823	80	32	74,356	1,150	505,[illegible]
47	Medina	54	786,744	117,925	125,207	165,846	377,766	63	41	39,661	568	217,[illegible]
48	Middletown	108	2,060,834	261,976	337,746	574,176	886,936	125	58	58,778	1,553	650,[illegible]
49	Mt. Morris	51	341,799	13,250	40,165	82,038	206,346	58	15	11,560	247	76,[illegible]
50	Newark	77	555,332	48,425	96,850	133,794	276,263	98	26	14,059	361	123,[illegible]
51	New Rochelle	131	3,837,269	168,240	303,949	2,927,628	437,452	140	54	38,422	715	457,[illegible]
52	Niagara Falls	265	14,821,819	666,242	1,625,888	3,228,136	9,301,553	255	398	420,499	3,518	1,690,195
53	North Tonawanda	75	5,026,841	495,688	774,006	1,010,867	2,746,280	73	139	149,761	1,718	786,[illegible]
54	Norwich	109	1,308,683	47,686	174,835	347,104	739,058	117	90	79,053	799	330,[illegible]
55	Nyack	88	796,587	77,975	116,792	232,069	369,751	92	61	50,857	719	354,[illegible]
56	Ogdensburg	197	1,855,116	180,050	224,818	475,965	974,283	207	96	72,244	1,052	404,[illegible]
57	Olean	152	5,915,740	248,244	609,007	1,412,506	3,650,983	167	152	132,928	2,011	935,[illegible]
58	Oneida	104	1,301,431	87,411	223,760	235,535	754,725	121	69	64,752	790	[illegible]
59	Oneonta	111	1,892,250	72,950	187,665	434,681	1,196,954	123	67	45,605	887	[illegible]
60	Ossining[2]	137	1,357,816	165,840	213,359	213,784	764,833	156	52	94,595	892	[illegible]
61	Owego	82	1,023,961	30,421	80,840	298,107	614,593	94	53	47,318	402	183,[illegible]
62	Peekskill	153	1,712,335	167,000	251,678	314,328	979,329	171	102	101,886	1,524	751,[illegible]
63	Penn Yan	84	822,142	59,090	133,035	233,348	396,669	103	65	40,939	382	129,[illegible]
64	Plattsburg	131	2,210,045	244,967	381,819	537,071	1,046,188	139	69	45,424	852	[illegible]
65	Port Chester	79	3,024,814	159,730	316,540	453,302	2,095,242	81	86	96,047	1,569	645,[illegible]
66	Port Jervis	83	654,472	53,850	133,234	228,945	238,443	87	44	30,748	977	[illegible]
67	Rensselaer	53	711,031	32,550	226,973	158,766	292,742	59	14	17,721	502	[illegible]
68	Rome	196	3,738,051	137,449	394,834	1,312,061	1,893,707	204	154	154,666	2,653	1,014,[illegible]
69	Salamanca	62	1,867,289	48,520	256,855	263,056	1,298,858	65	29	26,376	419	[illegible]
70	Sandy Hill	50	3,999,674	695,041	604,207	1,296,046	1,404,380	54	89	121,996	939	[illegible]
71	Saratoga Springs	170	1,863,526	70,800	134,972	448,764	1,208,990	176	179	130,235	939	369,[illegible]
72	Saugerties	117	1,202,299	148,731	82,925	286,380	684,263	146	50	60,436	580	264,[illegible]
73	Seneca Falls	65	2,422,256	157,464	578,173	505,368	1,181,251	62	119	112,001	1,365	611,[illegible]
74	Silver Creek	27	626,396	50,875	94,990	81,065	399,466	27	53	55,036	298	140,[illegible]
75	Solvay	8	214,116	7,200	34,800	130,979	41,137	7	9	5,235	99	59,[illegible]
76	South Glens Falls	7	316,085	6,000	3,500	12,100	294,485	9	3	6,000	144	53,[illegible]

[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	$32,614,998	25,328	$6,196,316	1,308	$217,867	$11,030,278	$1,035,257	$580,147	$8,707,180	$707,694	$99,268,539	$95,854,636	$3,413,903	$180,981,771	1
198	81,338	33	5,545	4	362	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	329	643	2,673	200	178,777	170,798	7,979	354,540	3
285	152,455	60	11,244	4	277	69,891	3,230	2,692	63,969	----------	628,762	619,306	9,456	1,085,262	4
973	434,980	17	3,753	2	450	87,250	2,976	10,687	73,587	----------	2,107,160	2,014,037	93,123	3,075,836	5
1,400	691,583	369	61,399	4	512	219,002	15,920	12,347	148,235	42,500	1,425,436	1,401,151	24,285	2,993,297	6
305	114,340	94	20,302	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	267,994	8,700	5,722	253,542	----------	789,719	774,928	14,791	1,514,576	8
434	189,777	27	3,173	7	1,312	37,779	3,960	1,671	31,446	702	463,604	448,062	15,542	890,365	9
659	300,590	221	72,582	23	3,472	74,116	7,795	6,518	59,803	----------	495,860	430,224	65,636	1,196,543	10
161	88,598	48	6,950	13	2,110	22,441	5,205	1,722	15,504	10	352,998	336,208	16,790	557,169	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	61,923	21	19,190	109,783	22,211	7,472	72,400	7,650	1,429,478	1,351,115	78,358	3,061,172	13
1,405	655,255	221	59,902	3	592	128,044	12,121	5,852	108,291	1,780	1,973,877	1,938,055	35,822	3,456,262	14
278	155,700	62	13,130	13	1,854	40,128	1,555	1,260	32,313	5,000	233,367	219,909	13,458	559,854	15
166	70,897	86	16,897	1	150	38,204	5,019	1,876	30,884	425	246,940	241,449	5,491	490,007	16
2,449	1,338,683	108	24,834	58	10,500	324,324	7,282	13,646	300,311	3,085	3,084,197	2,996,239	87,958	5,393,053	17
181	77,896	52	9,067	15	1,375	27,767	3,105	1,461	23,201	----------	211,167	205,911	5,256	413,078	18
133	56,386	79	19,678	----------	----------	14,599	1,882	1,463	11,254	----------	205,328	198,517	6,811	434,683	19
331	187,975	105	27,349	----------	----------	40,570	3,031	2,146	35,393	----------	361,909	352,730	9,179	681,038	20
166	68,155	146	36,434	9	1,236	19,889	4,809	1,609	13,471	----------	263,494	255,521	7,973	497,154	21
91	42,095	113	25,813	6	455	34,789	3,175	1,172	30,442	----------	217,440	214,056	3,384	462,455	22
671	283,635	58	12,382	1	100	118,084	8,594	9,477	99,593	420	905,316	875,349	29,967	1,607,954	23
1,258	634,390	308	52,432	20	2,279	235,472	15,462	11,435	207,968	607	1,913,634	1,869,435	44,199	3,366,806	24
1,683	687,456	1,574	342,665	23	3,295	290,980	31,093	34,386	191,151	34,350	2,230,408	2,102,290	128,118	4,571,253	25
3,565	1,608,170	4,498	921,648	48	7,035	271,152	55,510	11,593	202,334	1,215	5,518,391	5,446,736	71,655	9,647,167	26
788	421,353	139	48,643	6	984	105,563	9,043	1,387	94,164	974	1,029,278	999,070	30,203	1,992,098	27
72	24,578	----------	----------	----------	----------	1,527	50	404	1,073	----------	32,018	31,927	91	75,822	28
1,116	405,689	45	12,345	13	2,830	177,327	107,686	6,109	42,208	21,324	405,601	284,500	121,101	1,366,158	29
1,016	439,110	300	71,617	28	4,900	159,725	5,349	10,312	144,064	----------	940,818	915,953	24,865	2,053,605	30
214	93,144	66	15,130	----------	----------	16,750	2,214	1,184	13,277	75	275,992	270,801	5,191	622,890	31
1,001	549,310	402	120,352	2	231	200,366	5,790	17,190	177,137	249	1,031,421	982,314	49,107	2,734,861	32
1,308	573,075	436	105,748	13	2,151	174,055	15,271	7,285	121,997	29,502	1,515,287	1,483,087	32,200	2,873,670	33
911	463,360	462	123,884	30	4,186	365,163	13,110	11,174	327,129	13,750	1,495,636	1,465,481	30,155	3,096,759	34
1,838	1,150,365	100	34,373	8	1,237	230,485	6,752	14,799	208,534	400	564,422	543,351	21,071	2,944,655	35
1,116	584,977	169	46,787	1	220	149,945	29,773	6,362	73,200	40,610	1,114,845	1,064,927	49,918	2,535,151	36
1,977	913,650	1,877	330,536	30	4,401	300,845	27,013	11,348	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	340,503	22,365	13,311	299,337	5,550	1,598,204	1,569,315	28,889	3,778,277	38
334	134,937	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	17,748	3,325	86,667	7,299	2,941,777	2,927,932	13,845	3,964,112	40
1,607	751,948	1,385	355,752	120	18,077	298,162	17,875	15,829	264,388	70	2,361,593	2,325,941	35,652	4,364,994	41
2,178	1,101,823	504	113,822	17	2,527	398,660	34,726	19,325	337,702	6,907	3,327,109	3,216,866	110,243	5,887,905	42
254	111,071	33	8,167	1	157	45,061	4,974	3,748	36,304	35	546,390	536,689	9,701	881,939	43
381	171,945	125	29,211	2	208	82,610	9,110	3,385	19,665	450	581,929	574,431	7,498	985,797	44
580	270,827	161	45,114	44	6,692	77,365	9,265	4,581	63,519	----------	643,749	617,619	26,130	1,224,025	45
898	429,776	246	74,456	6	1,500	261,641	6,279	9,438	208,295	37,634	1,014,400	920,376	94,024	2,186,005	46
511	208,201	31	7,055	26	2,579	31,675	5,804	2,547	23,324	----------	510,854	489,969	20,885	1,032,632	47
1,159	570,001	376	78,691	18	1,431	97,252	17,051	9,730	60,971	9,500	1,443,489	1,406,519	36,970	2,426,001	48
148	60,241	82	14,121	17	2,050	25,711	4,417	1,166	19,125	1,003	313,038	308,996	4,042	510,129	49
248	100,637	101	20,896	12	2,360	51,418	5,184	1,972	42,739	1,523	517,257	509,334	7,923	900,974	50
676	447,378	35	9,584	4	696	118,898	19,556	8,708	68,079	22,555	838,829	827,093	11,736	1,811,832	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	5,095,037	416,400	9,909,228	52
1,591	763,785	118	21,269	9	1,585	282,107	10,913	18,871	250,153	2,170	4,321,875	3,827,752	494,123	6,445,836	53
604	281,314	191	48,182	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	2,336	85,233	14,520	2,565	39,232	28,916	661,966	649,312	12,654	1,321,237	55
756	333,863	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	6,498	274,447	11,345	26,191	227,669	9,242	5,009,818	4,877,311	132,507	6,624,390	57
618	293,489	166	42,093	6	684	149,576	11,350	4,752	118,224	15,250	842,851	828,889	13,962	1,613,572	58
727	362,406	142	33,557	18	1,852	118,861	13,322	1,672	59,607	44,360	1,308,549	1,299,040	9,509	2,118,452	59
752	407,728	140	37,510	----------	----------	166,229	11,480	4,771	143,075	6,903	884,942	864,785	20,157	2,068,458	60
374	178,157	22	4,353	6	1,014	38,602	6,936	2,727	28,939	----------	780,769	770,144	10,625	1,261,161	61
1,095	611,612	423	139,267	6	954	121,718	18,374	6,313	79,363	17,163	1,024,282	994,787	29,495	2,339,370	62
317	115,059	59	13,798	6	1,032	49,975	12,776	1,982	35,217	----------	542,395	523,586	18,809	915,542	63
564	249,948	282	55,631	6	705	102,839	13,272	6,009	79,453	4,105	716,467	703,675	12,792	1,455,150	64
905	475,351	628	164,765	36	6,086	64,231	12,431	5,123	46,677	----------	2,700,829	2,663,596	37,233	3,840,732	65
728	340,852	238	49,661	11	1,541	57,033	11,854	2,971	16,027	26,181	602,107	582,188	19,919	1,237,286	66
414	223,330	76	26,588	12	2,809	47,564	3,573	3,204	39,787	1,000	447,655	435,859	11,796	920,973	67
1,951	847,762	623	155,190	79	11,400	299,978	22,317	13,283	242,542	21,836	3,722,764	3,618,446	104,318	6,093,544	68
400	184,795	14	3,108	5	753	55,301	3,911	6,366	43,269	1,755	1,302,662	1,294,981	7,681	1,764,476	69
890	421,332	39	13,616	10	2,956	218,207	1,991	12,279	203,037	900	1,663,816	1,592,031	71,785	2,974,025	70
572	284,839	364	84,683	3	354	143,770	30,447	5,694	88,665	18,964	980,895	965,074	15,821	2,006,259	71
434	219,273	143	44,769	3	572	73,090	13,107	3,900	54,036	2,047	717,539	699,870	17,669	1,352,114	72
1,210	577,164	144	32,953	11	1,513	136,941	14,766	9,097	113,078	----------	840,702	816,887	23,865	1,992,115	73
288	143,942	10	2,774	----------	----------	53,930	1,416	2,467	50,047	----------	217,842	212,615	5,227	503,662	74
83	55,290	16	3,863	----------	----------	39,147	720	214	37,813	400	112,215	108,903	3,312	237,514	75
144	63,402	----------	----------	----------	----------	10,216	3,450	2,448	4,318	----------	169,537	169,308	229	267,077	76

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.
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	126,559	175,329	1,130,103	60	42	43,617	398	158,851
79	Wappingers Falls	81	1,947,381	68,200	272,811	713,109	893,761	83	12	15,763	944	448,815
80	Warsaw	48	3,285,826	461,655	1,493,484	724,221	606,466	44	47	52,247	329	131,611
81	Waterford	58	2,593,021	136,800	289,087	810,572	1,356,612	68	62	88,527	1,921	778,786
82	Waterloo	86	1,644,687	72,160	227,347	232,385	1,112,795	89	33	48,998	786	305,648
83	Watervliet[1]	195	1,826,691	109,100	239,700	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	Wellsville	64	1,344,438	90,800	219,550	286,077	748,011	85	21	19,743	351	131,835
86	Westfield	39	364,409	30,633	84,165	88,669	160,942	37	27	17,420	114	46,556
87	Whitehall	47	643,228	7,780	49,800	227,619	358,079	53	29	37,469	403	125,816

[1] 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 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.										
298	$190,584	76	$16,669	1	$200	$35,930	$9,845	$1,460	$22,965	$1,660	$327,008	$319,444	$7,564	$719,020	77
366	154,005	8	2,290	24	2,556	40,382	3,557	2,456	16,844	17,525	1,227,349	1,223,472	3,877	1,676,280	78
781	413,274	119	28,241	44	7,300	23,858	1,574	8,331	13,953	----------	460,623	392,883	67,740	972,838	79
256	114,284	72	17,252	1	125	61,757	11,940	4,733	45,084	----------	296,820	208,855	87,965	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	388	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	4,788	27,329	12	668,283	663,355	4,928	1,017,515	85
91	40,085	22	6,341	1	130	29,294	1,503	1,232	26,559	----------	136,444	133,843	2,601	326,918	86
257	98,432	128	25,481	18	1,903	37,346	7,743	2,145	27,458	----------	320,424	311,746	8,678	596,971	87

NORTH CAROLINA.

Table 1 shows the manufacturing and mechanical industries of the state of North Carolina 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 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 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	7,226	3,667	3,802	3,642	3,689	2,663	97.1	[1] 3.6	4.4	[1] 1.3	38.5
Capital	$76,503,894	$32,745,995	$13,045,639	$8,140,473	$9,693,703	$7,456,860	133.6	151.0	60.3	[1] 16.0	30.0
Salaried officials, clerks, etc., number	3,001	[2] 2,589	(3)	(3)	(3)	(3)	15.9	------	------	------	------
Salaries	$2,434,621	[2] $1,278,415	(3)	(3)	(3)	(3)	90.4	------	------	------	------
Wage-earners, average number	70,570	33,625	18,109	13,622	14,217	14,601	109.9	85.7	32.9	[1] 4.2	[1] 2.6
Total wages	$13,868,430	$6,552,121	$2,740,768	$2,195,711	$2,689,441	$2,383,456	111.7	139.1	24.8	[1] 18.4	12.8
Men, 16 years and over	44,549	22,665	12,818	11,339	12,102	12,473	96.6	76.8	13.0	[1] 6.3	[1] 3.0
Wages	$10,477,765	$5,260,422	(3)	(3)	(3)	(3)	99.2	------	------	------	------
Women, 16 years and over	15,644	6,227	2,939	1,422	2,115	2,128	151.2	111.9	106.7	[1] 32.8	[1] 0.6
Wages	$2,394,417	$908,357	(3)	(3)	(3)	(3)	163.5	------	------	------	------
Children, under 16 years	10,377	4,733	2,352	861	(3)	(3)	119.2	101.2	173.2	------	------
Wages	$996,248	$382,842	(3)	(3)	(3)	(3)	160.2	------	------	------	------
Miscellaneous expenses	$9,118,637	$3,329,101	(4)	(4)	(4)	(4)	173.9	------	------	------	------
Cost of materials used	$53,072,388	$22,789,187	$13,090,937	$12,824,693	$10,203,228	$4,602,501	132.9	74.1	2.1	25.7	121.7
Value of products, including custom work and repairing	$94,919,663	$40,375,450	$20,095,037	$19,021,327	$16,678,698	$9,111,050	135.1	100.9	5.6	14.0	83.1
Total population	1,893,810	1,617,947	1,399,750	1,071,361	992,622	869,039	17.1	15.6	30.7	7.9	14.2
Wage-earners engaged in manufactures	70,570	33,625	18,109	13,622	14,217	14,601	109.9	85.7	32.9	[1] 4.2	[1] 2.6
Per cent of total population	3.7	2.1	1.3	1.3	1.4	1.7	------	------	------	------	------
Assessed value of real estate	[5] $165,968,278	$142,068,932	$101,709,826	$83,822,012	$116,866,573	$71,702,740	16.8	39.7	22.1	[1] 28.4	62.3
Value of land and buildings invested in manufactures [6]	$19,291,964	$8,663,264	(3)	(3)	(3)	(3)	122.7	------	------	------	------
Per cent of assessed value	11.6	6.1	------	------	------	------	------	------	------	------	------

[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 for the year 1900 in Dana's supplement, "State and City," to the Commercial and Financial Chronicle, under date of April 13, 1901.
[6] Does not include value of rented property.

Although North Carolina is an agricultural state, Table 1 shows that there has been a large growth in its manufacturing and mechanical industries during the half century. The population during these years increased from 869,039 to 1,893,810, or 117.9 per cent, while the average number of wage-earners employed in manufacturing establishments increased from 14,601 to 70,570, or 383.3 per cent, embracing, in 1900, 3.7 per cent of the entire population, compared with 1.7 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 93,325, or 4.9 per cent of the total population of the state. Both the greatest percentage of increase and the greatest absolute increase in the value of products are shown for the decade ending with 1900.

North Carolina has waterpower estimated at 3,500,000 horsepower, of which, at present, only 639,000 is available, according to a calculation by the late W. C. Kerr, state geologist. When the electrical transmission of energy becomes more general in the state, a much greater proportion of this power can be profitably applied to manufactures. Table 1 shows that during the last decade the number of men among the wage-earners increased 96.6 per cent, while the number of women increased 151.2 per cent, and the number of children, 119.2 per cent. Steps have already been taken to check the increase of child labor shown by these figures. In the absence of legislation, nearly all the mill owners have agreed to discontinue the employment of children under 12 years of age.

Table 2 divides the industries of the state between the hand trades and the manufactures proper. This table also gives the statistics for 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.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	12,210	$78,290,034	13,988	74,976	$13,974,225	$9,175,717	$53,530,990	$30,479,165	$20,647,961	$2,403,864	$96,130,049
Hand trades[1]	1,023	908,504	1,160	2,219	687,000	104,389	1,542,972	1,993	1,493,595	47,384	3,153,280
Educational, eleemosynary, and penal institutions	13	71,127	1	64	8,037	1,820	91,136	7,345	75,157	8,634	173,496
Establishments with a product of less than $500	4,971	1,715,013	5,514	4,342	97,758	55,260	367,466	139,170	228,296	----------	1,036,899
All other establishments	6,203	75,595,390	7,313	68,351	13,181,430	9,014,248	51,529,416	30,330,657	18,850,913	2,347,846	91,766,383

[1] Includes bicycle and tricycle repairing, 40; blacksmithing and wheelwrighting, 396; boots and shoes, custom work and repairing, 93; carpentering, 68; clothing, men's, custom work and repairing, 54; clothing, women's, dressmaking, 22; dyeing and cleaning, 9; furniture, cabinetmaking, repairing, and upholstering, 33; lock and gun smithing, 8; masonry, brick and stone, 13; millinery, custom work, 139; painting, house, sign, etc., 26; paper hanging, 2; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 33; sewing machine repairing, 5; taxidermy, 1; watch, clock, and jewelry repairing, 80.

Of the 12,210 establishments of all classes shown in this table, 5,994, or 49.1 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 $4,190,170, or only 4.4 per cent of the total value of the products of the state.

In addition to the 12,210 active establishments in the state during the census year, with a capital of $78,290,034, shown in Table 2, there were 174 idle establishments, with a capital of $762,243, divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Brick and tile	28	$71,005	Kaolin and other earth grinding	2	$32,500
Chemicals	1	42,000	Leather, tanned, curried, and finished	4	38,810
Cotton, ginning	40	27,375	Lumber and timber products	34	162,182
Flouring and grist mill products	12	14,332	Rice, cleaning and polishing	2	66,000
Furniture, factory product	2	16,800	Tobacco, chewing, smoking, and snuff	4	126,075
Hosiery and knit goods	3	84,900	Woodenware, not elsewhere specified	1	52,800
Iron and steel	1	11,000	All other industries	40	16,964

TABLE 3.—COMPARATIVE SUMMARY OF TEN LEADING INDUSTRIES.

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	4,071	$65,067,116	55,642	$10,406,314	$8,020,076	$44,333,174	$77,951,282
	1890	2,068	25,055,097	24,045	4,318,600	2,288,972	17,474,311	28,707,151
Increase, 1890 to 1900	--------	2,003	40,012,019	31,597	6,087,714	5,731,104	26,858,863	48,644,131
Per cent of increase	--------	96.9	159.7	131.4	141.0	250.4	153.7	169.4
Per cent of total of all industries in state	1900	56.8	85.1	78.8	75.0	88.0	83.5	81.5
	1890	56.4	70.5	71.5	65.9	68.8	76.7	71.1
Cars and general shop construction and repairs by steam railroad companies.	1900	12	539,513	1,141	550,504	29,259	893,150	1,511,376
	1890	9	210,458	434	186,262	----------	200,835	393,576
Cotton goods	1900	177	33,011,516	30,273	5,127,087	1,030,918	17,386,624	28,372,798
	1890	91	10,775,134	8,515	1,475,932	428,324	6,239,902	9,563,443
Fertilizers	1900	18	2,818,921	427	109,192	108,209	1,044,267	1,497,625
	1890	12	1,513,142	343	89,360	89,316	656,769	994,135
Flouring and grist mill products	1900	1,773	2,905,310	1,019	213,627	65,395	7,218,904	8,867,462
	1890	1,039	2,334,130	1,124	205,946	67,793	4,379,218	5,279,068
Furniture, factory product	1900	44	1,023,374	1,759	333,729	51,921	725,069	1,547,305
	[1] 1890	6	126,350	152	38,647	2,754	58,808	159,000
Leather, tanned, curried, and finished	1900	75	1,299,798	366	105,132	32,685	1,129,402	1,502,378
	1890	55	116,364	107	24,188	3,913	115,507	190,387
Lumber and timber products	1900	1,770	13,385,097	11,751	2,491,089	321,018	7,743,235	14,862,593
	1890	713	5,376,807	6,466	1,202,994	232,088	3,038,960	5,898,742
Lumber, planing mill products, including sash, doors, and blinds	1900	101	1,366,823	1,939	473,589	78,377	1,801,478	2,892,058
	1890	42	488,770	584	195,070	26,284	515,213	915,070
Oil, cottonseed and cake	1900	21	1,841,856	564	133,195	110,161	2,160,996	2,676,871
	1890	11	743,675	318	56,596	31,877	402,199	529,746
Tobacco, chewing, smoking, and snuff	1900	80	6,874,908	6,403	869,170	6,192,103	4,230,049	13,620,816
	1890	90	3,370,267	6,002	843,105	1,411,623	1,867,400	4,783,484

[1] Exclusive of 1 establishment for the manufacture of "furniture, chairs," for which no figures are available, as the statistics were included in "all other industries."

The 10 leading industries of the state in 1900, as shown by Table 3, embraced 4,071 establishments, or 56.3 per cent of the total number in the state; used a capital of $65,067,116, or 85.1 per cent of the total; gave employment to 55,642 wage-earners, or 78.8 per cent of the total number; and paid $10,406,314, or 75 per cent of the total wages. The value of their products was $77,351,282, or 81.5 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.

Table 3 shows that the manufacture of cotton goods is the most important industry in the state. The 177 establishments reported in 1900 gave employment to 30,273 wage-earners, or 42.9 per cent of the wage-earners employed in the state, and the products were valued at $28,372,798, or 29.9 per cent of the total value of the products of the state. In 1890 there were 91 establishments, 8,515 wage-earners, and products valued at $9,563,443. The increase in the value of products during the decade was $18,809,355, or 196.7 per cent.

The growth of the manufacture of cotton goods has been steady since 1850. The period both of greatest absolute increase and of greatest percentage of increase in the value of products was during the decade ending with 1900. In 1890 the state was tenth in rank in this manufacture in the United States; it is now third, Massachusetts being first and South Carolina second. In 1890 among Southern states it ranked third; it is now second, South Carolina preceding it, and Georgia taking third place. Although second in value of products, it is first in number of establishments, in average number of employees, and in total wages paid. The amount of cotton consumed yearly by the spindles now running is nearly equivalent to the annual cotton crop of the state, which in 1899 was 473,155 commercial bales.

The manufacture of lumber and timber products ranks second among the industries of the state, with 1,770 establishments, 11,751 wage-earners, and products valued at $14,862,593. In 1890 there were 713 establishments, 6,466 wage-earners, and products valued at $5,898,742. The increase in the value of products during the decade was $8,963,851, or 152 per cent. The growth of this industry during the last two decades has been remarkable.

There were 80 establishments engaged in 1900 in the manufacture of chewing and smoking tobacco and snuff, the industry third in rank, with 6,403 wage-earners, and products valued at $13,620,816. In 1890 there were 90 establishments, 6,002 wage-earners, and products valued at $4,783,484. The increase in the value of products during the decade was $8,837,332, or 184.7 per cent. Tobacco has been for years one of North Carolina's best-known products, certain brands of its smoking tobacco and cigarettes having both a national and foreign reputation.

There were 1,773 establishments engaged in the manufacture of flouring and grist mill products in 1900, with 1,019 wage-earners, and products valued at $8,867,462. In 1890 there were 1,039 establishments, 1,124 wage-earners, and products valued at $5,279,068. The increase in the value of products during the decade was $3,588,394, or 68 per cent.

There were 101 establishments engaged in the manufacture of planing mill products in 1900, with 1,939 wage-earners, and products valued at $2,892,058. In 1890 there were 42 establishments, 584 wage-earners, and products valued at $915,070. The increase in the value of products during the decade was $1,976,988, or 216 per cent.

There were 21 establishments engaged in the manufacture of cottonseed oil and cake in 1900, with 564 wage-earners, and products valued at $2,676,871. In 1890 there were 11 establishments, 318 wage-earners, and products valued at $529,746. The increase in the value of products during the decade was $2,147,125, or 405.3 per cent.

There were 44 establishments engaged in the manufacture of furniture in 1900, with 1,759 wage-earners, and products valued at $1,547,305. In 1890 there were 6 establishments, 152 wage-earners, and products valued at $159,000. The increase in the value of products during the decade was $1,388,305, or 873.1 per cent. The little town of High Point, the center of this new development, is already noted for its manufacture of furniture.

There were 12 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 1,141 wage-earners, and products valued at $1,511,376. In 1890 there were 9 establishments, 434 wage-earners, and products valued at $393,576. The increase in the value of products during the decade was $1,117,800, or 284 per cent.

There were 75 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 366 wage-earners, and products valued at $1,502,378. In 1890 there were 55 establishments, 107 wage-earners, and products valued at $190,887. The increase in the value of products during the decade was $1,311,491, or 687.1 per cent.

There were 18 establishments engaged in the manufacture of fertilizers in 1900, with 427 wage-earners, and products valued at $1,497,625. In 1890 there were 12 establishments, 343 wage-earners, and products valued at $994,135. The increase in the value of products during the decade was $503,490, or 50.6 per cent. Nearly all the phosphate rock used as a basis for fertilizer manufacture is brought into the state from Tennessee, South Carolina, and Florida. Some years ago much of this rock was mined in North Carolina, and large deposits still exist in the state, but imbedded in them are small white pebbles which, crushed with the phosphate rock, lower the grade of the fertilizer. No plan for separating them has yet been devised. Much of the cottonseed meal produced in the state is used as a source of ammonia in the manufacture of fertilizers. Slaughterhouse material, brought from Chicago and Omaha, is employed for the same purpose. The potash used is imported from Germany.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the city of Wilmington, as returned at the censuses of 1890 and 1900, with the percentages of increase.

TABLE 4.—COMPARATIVE SUMMARY, WILMINGTON, 1890 AND 1900, WITH PER CENT OF INCREASE.

	DATE OF CENSUS.		Per cent of increase, 1890 to 1900.
	1900	1890	
Number of establishments	131	121	8.3
Capital	$2,968,199	$1,752,667	69.4
Wage-earners, average number	1,850	1,358	36.2
Total wages	$568,250	$460,608	23.4
Miscellaneous expenses	$158,723	$105,571	50.3
Cost of materials used	$1,734,054	$1,014,384	70.9
Value of products, including custom work and repairing	$2,960,028	$1,904,147	55.5

It appears from Table 4 that there has been an increase during the past decade in the manufactures of this city. The number of establishments increased from 121 to 131, or 8.3 per cent; the average number of wage-earners from 1,358 to 1,850, or 36.2 per cent; and the value of products from $1,904,147 to $2,960,028, or 55.5 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 1.8, 2.6, and 3.1 per cent, respectively, of the totals for the entire state.

Table 5 presents the totals for the manufacturing industries of the 15 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	7,226	$76,503,894	8,473	70,570	$13,868,430	$9,118,637	$53,072,388	$94,919,663	-------	100.0	1,893,810	-------	100.0
Total for urban manufactures	1,086	26,431,260	1,080	23,571	5,073,540	6,731,332	18,215,542	36,806,902	-------	38.8	139,017	-------	7.3
Asheville	135	1,405,923	148	1,136	354,511	59,362	1,065,023	1,866,109	8	2.0	14,694	3	0.8
Charlotte	112	4,102,342	101	2,988	699,846	218,221	2,892,587	4,702,301	3	5.0	18,091	2	1.0
Concord	32	2,040,351	25	1,953	410,215	61,304	1,162,109	1,981,411	7	2.1	7,910	8	0.4
Durham	82	1,727,205	87	2,787	535,289	2,367,522	2,502,449	7,084,540	1	7.5	6,679	9	0.4
Fayetteville	46	446,970	39	461	81,424	15,737	316,680	570,127	15	0.6	4,670	12	0.2
Goldsboro	46	620,932	44	507	123,899	26,336	677,409	1,086,834	13	1.1	5,877	11	0.3
Greensboro	79	1,711,629	72	1,587	295,820	152,048	1,015,571	1,790,523	9	1.9	10,035	5	0.5
High Point	47	834,673	37	1,116	205,009	72,386	617,434	1,178,715	12	1.2	4,163	13	0.2
Newbern	81	1,027,885	86	1,162	284,952	39,476	1,069,070	1,704,251	10	1.8	9,090	7	0.5
Raleigh	135	1,611,089	136	1,358	441,038	107,133	1,203,099	2,204,056	5	2.3	13,643	4	0.7
Reidsville	37	851,705	45	888	169,545	298,043	563,307	1,234,783	11	1.3	3,262	15	0.2
Salem	34	1,375,661	42	1,506	270,027	715,301	854,716	2,067,240	6	2.2	3,642	14	0.2
Salisbury	43	906,275	40	852	172,501	28,481	559,070	939,954	14	1.0	6,277	10	0.3
Wilmington	131	2,968,199	131	1,850	568,250	158,723	1,734,054	2,960,028	4	3.1	20,976	1	1.1
Winston	46	4,800,421	47	3,420	461,214	2,411,259	1,982,964	5,436,030	2	5.7	10,008	6	0.5
Total for state exclusive of urban manufactures	6,140	50,072,634	7,393	46,999	8,794,890	2,387,305	34,856,846	58,112,761	-------	61.2	1,754,793	-------	92.7
Per cent of urban manufactures to total for state	15.0	34.5	12.7	33.4	36.6	73.8	34.3	38.8	-------	-------	7.3	-------	-------

Of the 7,226 establishments in the state, 1,086, or 15 per cent, were located in these 15 cities and towns. The capital reported for these establishments was $26,431,260, or 34.5 per cent of that for the entire state. They furnished employment to 23,571 wage-earners, or 33.4 per cent of the total number, and the value of their products, $36,806,902, formed 38.8 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 city of Wilmington by specified industries.

Table 9 shows the totals for all industries in the cities and towns withdrawn from the enumerators, exclusive of the city of Wilmington.

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	7,226	$76,503,894	$8,135,807	$11,156,157	$28,531,456	$28,680,474	8,473	8,001	$2,434,621	70,570	$13,868,430
2	Alamance	134	3,717,762	143,019	925,823	1,478,711	1,170,209	150	105	77,004	3,829	717,124
3	Alexander	66	167,371	15,320	15,825	108,057	28,169	100	6	1,440	192	25,425
4	Alleghany	40	47,546	4,370	10,720	22,196	10,260	54	----	----	26	4,317
5	Anson	69	315,549	19,662	31,124	139,594	125,169	83	14	5,817	359	44,586
6	Ashe	64	63,157	9,450	13,535	36,155	4,017	82	3	450	34	6,113
7	Beaufort	58	571,101	104,218	62,250	251,841	152,797	62	44	33,010	650	199,436
8	Bertie	31	126,764	16,554	9,815	34,175	66,220	41	1	600	133	31,600
9	Bladen	64	127,940	40,451	9,172	54,872	23,445	79	2	1,100	162	38,759
10	Brunswick	33	1,111,460	33,344	155,952	70,691	851,473	35	7	6,994	241	52,452
11	Buncombe	208	1,579,162	228,515	212,076	459,263	679,308	229	78	52,849	1,369	416,191
12	Burke	80	442,682	35,311	70,896	119,682	216,793	94	11	7,159	310	64,071
13	Cabarrus	85	2,182,378	56,822	394,404	1,199,499	531,653	106	44	37,174	2,133	437,348
14	Caldwell	100	1,078,475	520,764	86,707	274,510	191,494	130	16	13,488	451	87,120
15	Camden	8	28,322	10,090	1,600	11,675	4,957	9	----	----	19	2,682
16	Carteret	16	72,015	1,995	9,975	38,295	21,750	22	3	1,500	191	28,809
17	Caswell	23	39,784	4,410	6,745	10,920	17,709	23	4	1,500	46	6,499
18	Catawba	105	1,300,258	45,140	134,320	544,504	576,294	149	33	24,780	1,182	206,814
19	Chatham	78	270,787	31,407	44,685	110,780	83,915	106	11	5,062	355	54,219
20	Cherokee	33	84,394	17,474	5,960	50,120	10,840	34	7	5,500	43	11,101
21	Chowan	26	858,055	224,590	54,320	415,070	164,075	29	9	9,000	262	80,476
22	Clay	24	14,000	1,950	2,940	8,265	845	27	1	156	11	1,776
23	Cleveland	114	1,030,462	46,949	162,191	470,138	351,184	154	37	18,750	761	119,674
24	Columbus	69	1,164,876	236,362	89,761	285,983	552,770	77	32	42,116	489	111,760
25	Craven	116	1,564,294	484,761	171,974	505,335	452,224	123	67	51,902	1,653	388,635
26	Cumberland	144	2,058,064	191,675	355,095	990,796	520,498	144	58	44,182	1,628	304,565
27	Currituck	9	21,240	2,455	3,480	10,875	4,430	10	1	500	23	2,765
28	Dare	8	25,950	3,605	2,800	14,385	5,160	8	5	4,800	32	5,300
29	Davidson	99	609,277	19,548	76,045	208,919	304,765	136	34	12,541	879	158,779
30	Davie	44	106,005	9,295	22,020	49,810	24,880	57	5	980	164	34,102
31	Duplin	60	204,304	10,015	47,325	114,742	32,222	75	5	700	248	32,768
32	Durham	114	3,015,298	162,346	461,082	1,331,053	1,060,817	126	170	278,994	4,144	805,173
33	Edgecombe	57	776,888	49,961	155,330	332,362	289,235	56	45	28,075	965	185,925
34	Forsyth	165	6,574,718	273,485	665,192	847,027	4,789,014	215	333	345,304	5,410	811,398
35	Franklin	75	247,438	42,823	43,260	128,200	33,155	98	8	5,313	334	45,070
36	Gaston	96	4,035,958	244,435	551,919	2,138,886	1,100,718	104	86	71,256	3,966	731,486
37	Gates	23	41,020	11,750	4,630	16,110	8,530	27	2	1,300	79	16,245
38	Graham	9	22,243	2,490	750	3,303	15,700	9	----	----	10	2,400
39	Granville	76	155,929	21,012	14,580	54,639	65,698	93	3	2,400	163	28,650
40	Greene	45	61,805	21,740	7,735	27,660	4,670	52	1	150	65	10,467
41	Guilford	193	3,092,848	221,427	682,122	957,581	1,231,718	191	156	116,327	3,262	594,793
42	Halifax	75	1,279,288	162,725	255,522	468,260	392,781	71	81	76,704	1,478	288,892
43	Harnett	58	125,230	26,356	15,519	47,395	35,960	75	8	3,260	227	38,425
44	Haywood	52	343,295	94,780	40,770	58,165	149,580	56	13	14,759	152	31,475
45	Henderson	75	94,314	13,970	19,610	41,919	18,815	85	9	4,160	192	35,698
46	Hertford	30	54,385	10,780	8,600	24,545	10,460	35	3	1,235	94	24,031
47	Hyde	19	578,353	362,180	21,528	84,202	110,443	20	3	3,300	234	49,900
48	Iredell	134	669,500	36,999	103,155	264,887	264,459	187	18	8,944	861	130,312
49	Jackson	60	272,539	125,320	9,840	57,392	79,987	61	9	7,370	218	41,828
50	Johnston	101	225,371	57,839	30,104	90,602	46,766	124	14	8,730	349	54,628
51	Jones	15	22,447	3,247	3,900	13,550	1,750	18	----	----	27	6,005
52	Lenoir	68	562,982	136,071	79,667	237,869	109,375	73	25	15,960	569	129,353
53	Lincoln	67	1,014,869	57,580	138,797	525,370	293,122	89	20	14,279	790	130,566
54	McDowell	75	143,339	26,405	17,585	59,602	39,797	81	9	2,865	251	49,091
55	Macon	57	46,296	7,923	9,843	20,405	8,125	56	1	300	49	8,214
56	Madison	83	568,955	44,071	24,206	61,696	438,982	98	6	2,450	187	56,418
57	Martin	28	128,247	18,232	24,025	54,355	31,635	31	12	10,400	180	44,245
58	Mecklenburg	181	5,108,591	227,995	632,922	2,083,868	2,163,806	169	235	209,821	3,988	874,214
59	Mitchell	79	348,355	53,532	50,150	91,763	152,910	93	3	2,368	122	31,521
60	Montgomery	112	558,728	99,387	68,040	221,889	169,412	137	50	22,778	875	154,733
61	Moore	158	708,252	96,557	81,158	235,431	295,111	176	43	28,205	819	162,231
62	Nash	70	937,786	96,245	126,650	388,632	326,209	88	14	10,326	524	86,704
63	New Hanover	135	2,997,332	789,593	474,724	819,817	963,198	137	122	104,038	1,869	573,835
64	Northampton	65	257,729	129,014	16,985	83,055	28,675	83	5	1,360	324	60,505
65	Onslow	36	64,006	20,305	9,140	24,530	10,031	42	6	2,250	85	18,499
66	Orange	53	383,093	27,168	92,181	208,040	55,704	63	9	5,296	237	42,406
67	Pamlico	24	101,815	6,815	6,450	23,765	64,785	34	8	2,678	158	34,085
68	Pasquotank	32	482,690	64,395	62,190	222,035	134,070	42	34	30,342	523	117,835
69	Pender	26	54,086	8,857	4,843	19,214	21,122	31	1	420	62	11,788
70	Perquimans	16	298,875	152,655	13,130	92,270	40,820	22	6	4,230	146	40,121
71	Person	59	212,826	51,213	30,985	96,940	33,688	73	5	1,375	177	25,431
72	Pitt	94	336,697	74,462	35,620	92,420	134,195	126	18	8,242	585	91,899
73	Polk	20	47,290	6,250	6,590	27,125	7,325	20	1	1,200	91	13,307
74	Randolph	134	1,752,824	163,469	372,266	804,314	412,775	146	79	47,551	2,035	316,986
75	Richmond	55	1,542,044	101,792	332,715	656,526	451,011	50	48	35,927	1,338	246,482
76	Robeson	171	566,860	121,105	46,770	278,303	120,682	204	27	12,582	679	131,768

BY COUNTIES: 1900.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.										Value of products, including custom work and repairing.	
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
44,549	$10,477,765	15,644	$2,394,417	10,377	$996,248	$9,118,637	$222,439	$369,933	$8,414,187	$112,078	$53,072,388	$51,667,271	$1,405,117	$94,919,668	1
2,063	470,775	1,184	185,022	582	61,327	182,160	1,302	19,221	151,290	10,347	2,177,681	2,107,196	70,485	3,738,159	2
135	19,275	36	4,750	21	1,400	7,546	250	601	6,695	------	179,451	178,396	1,055	270,025	3
24	4,161	------	------	2	156	621	29	281	301	10	69,707	69,514	193	102,200	4
135	25,532	118	13,811	106	5,243	11,833	3,089	893	7,851	------	171,671	165,381	6,290	302,671	5
34	6,118	------	------	------	------	877	25	251	601	------	94,816	94,284	532	136,131	6
635	197,896	------	------	15	1,590	25,695	1,223	7,648	16,824	------	593,893	588,905	4,988	1,031,281	7
132	31,470	------	------	1	130	4,073	348	746	3,879	6	71,560	71,208	352	150,873	8
162	38,759	------	------	------	------	1,761	356	519	886	------	143,748	142,239	1,509	274,310	9
239	52,353	------	------	2	99	20,946	203	5,453	15,290	------	353,913	346,230	7,683	457,258	10
1,068	361,582	219	35,836	82	18,773	69,435	22,198	8,498	38,474	265	1,258,157	1,225,047	33,110	2,210,315	11
248	56,172	30	4,680	32	3,219	10,424	232	2,028	8,150	14	670,354	664,970	5,384	907,172	12
1,193	281,022	519	107,113	421	49,213	65,811	4,189	10,361	51,261	------	1,308,071	1,209,073	99,898	2,231,581	13
332	66,170	110	20,345	9	605	11,417	719	2,925	7,767	6	414,553	412,170	2,383	682,513	14
19	2,682	------	------	------	------	251	90	106	55	------	9,394	9,275	119	18,998	15
101	19,431	71	7,405	19	1,970	3,608	258	1,384	1,966	------	123,965	120,925	3,040	180,036	16
35	5,639	6	460	5	400	22,504	40	255	22,209	------	44,984	44,346	638	85,474	17
620	146,210	249	36,342	313	24,262	63,990	1,302	4,739	57,744	205	1,033,742	1,003,758	29,984	1,578,711	18
189	38,414	49	6,720	117	9,085	14,501	431	1,604	12,466	------	299,550	295,049	4,501	463,384	19
43	11,101	------	------	------	------	1,198	520	382	296	------	64,484	63,464	1,020	110,852	20
245	77,876	4	400	13	2,200	34,552	722	2,571	31,259	------	364,084	362,854	1,180	599,424	21
11	1,776	------	------	------	------	203	------	57	108	38	24,370	24,190	180	37,010	22
391	80,096	178	25,909	192	13,669	30,670	1,073	4,186	25,351	60	671,238	656,072	15,166	1,026,431	23
483	111,222	2	160	4	378	36,119	495	6,380	29,304	------	380,283	373,875	6,408	393,369	24
1,508	372,560	104	12,563	41	3,512	51,893	6,925	7,182	37,726	------	1,438,558	1,427,170	11,388	2,384,457	25
933	211,430	446	68,978	249	24,157	58,082	2,569	6,035	47,741	1,737	964,881	936,247	28,634	1,660,375	26
23	2,765	------	------	------	------	657	------	128	529	------	12,832	12,499	333	23,317	27
32	5,300	------	------	------	------	418	------	301	117	------	19,613	18,873	740	42,657	28
487	112,523	212	32,656	180	13,600	74,281	849	2,895	70,407	130	624,278	601,672	22,606	1,046,589	29
145	32,723	8	741	11	638	15,669	260	928	14,331	150	136,549	126,214	4,335	245,381	30
137	20,512	66	9,990	45	2,236	5,498	197	514	4,787	------	94,816	94,093	723	180,384	31
1,913	494,466	1,656	256,010	575	54,697	2,444,270	9,745	18,824	2,415,701	------	3,316,848	3,240,633	76,215	8,443,912	32
563	149,512	187	24,400	215	12,013	26,912	3,346	4,542	19,024	------	765,662	743,642	22,020	1,163,129	33
2,977	544,343	1,321	189,517	1,112	77,538	3,202,662	12,153	34,978	3,144,671	10,860	3,166,888	3,087,995	78,893	3,156,895	34
189	28,341	73	8,872	72	7,857	8,045	412	2,126	5,507	------	273,880	262,032	11,848	383,837	35
1,904	429,861	1,186	198,266	876	103,359	93,214	890	14,894	73,630	3,800	2,331,714	2,221,404	110,310	3,947,200	36
79	16,245	------	------	------	------	1,321	887	182	252	------	47,550	47,342	208	84,028	37
10	2,400	------	------	------	------	110	------	49	61	------	13,223	13,218	5	18,980	38
146	27,538	6	1,056	1	56	12,414	2,300	747	9,139	228	149,027	146,637	2,390	254,414	39
64	10,412	------	------	1	55	3,136	222	558	2,356	------	40,193	39,195	998	82,004	40
2,263	477,648	550	77,606	449	39,539	244,079	11,238	14,850	213,481	4,510	2,116,599	2,018,839	97,760	3,691,216	41
1,009	236,757	280	41,181	189	10,954	75,956	3,421	4,020	68,515	------	695,261	687,012	8,249	1,391,773	42
217	37,146	2	425	8	854	10,480	1,012	494	8,974	------	124,823	121,978	2,845	230,710	43
149	31,100	1	175	2	200	4,132	235	1,200	2,697	------	204,974	204,558	416	331,423	44
136	28,402	40	5,930	16	1,366	6,474	883	682	4,850	54	111,013	106,799	4,214	192,394	45
91	23,872	------	------	3	159	2,207	411	295	844	657	63,969	63,326	643	118,733	46
224	48,700	10	1,200	------	------	25,739	7,850	1,626	16,238	25	108,283	108,111	172	211,322	47
503	99,153	192	24,870	166	6,289	152,944	2,967	4,583	144,651	743	609,761	588,465	21,296	1,131,721	48
217	41,678	1	150	------	------	2,486	445	847	1,194	------	148,869	144,607	4,262	280,037	49
335	58,320	3	372	11	936	9,371	1,157	1,427	6,677	110	297,474	289,850	7,624	477,226	50
27	6,005	------	------	------	------	1,110	780	190	140	------	26,883	26,532	351	48,210	51
372	101,117	111	20,350	86	7,886	19,564	2,280	2,101	15,173	10	409,887	405,369	4,518	692,535	52
316	71,227	246	38,137	228	21,202	18,684	269	3,078	12,336	3,001	585,832	574,280	11,552	937,758	53
226	46,267	------	------	25	2,824	20,349	1,984	759	17,556	50	195,900	192,336	3,570	354,321	54
44	7,838	------	------	5	376	939	324	300	315	------	69,355	68,579	776	98,803	55
184	56,106	------	------	3	312	2,120	580	638	877	25	260,424	260,264	160	425,887	56
162	42,211	3	600	15	1,434	4,125	217	1,013	2,745	150	140,001	139,706	295	270,888	57
2,210	631,818	1,102	174,882	676	67,514	239,215	17,997	25,790	191,514	3,914	3,504,674	3,364,450	140,224	5,736,059	58
120	31,136	1	300	1	85	1,593	293	455	845	------	258,332	248,047	10,285	393,470	59
763	143,427	46	5,484	66	5,822	18,526	1,879	2,377	14,239	31	560,819	556,464	4,355	1,039,277	60
680	148,285	64	7,923	75	6,026	23,070	2,848	3,537	15,290	1,395	627,029	619,357	7,672	1,069,191	61
335	63,498	81	13,720	108	9,576	37,018	937	2,743	12,270	21,068	318,953	310,166	8,787	561,146	62
1,509	524,282	263	41,453	97	8,100	155,435	18,644	25,094	104,467	7,230	1,913,582	1,870,981	42,601	3,131,899	63
322	60,175	2	330	------	------	7,947	1,185	975	5,787	------	157,750	157,350	400	349,558	64
84	18,259	------	------	1	240	2,798	502	387	1,809	100	104,593	104,163	430	165,629	65
105	25,478	50	8,942	82	7,986	11,869	888	1,011	9,970	------	247,407	238,279	9,128	363,154	66
155	33,893	------	------	3	192	8,951	4,100	339	3,950	562	103,626	102,946	680	206,710	67
402	100,790	62	10,585	59	6,460	19,421	2,739	1,863	14,814	5	574,524	565,768	8,756	979,480	68
59	11,288	------	------	3	500	946	213	318	415	------	64,238	63,814	424	98,569	69
145	40,061	------	------	1	60	4,065	20	497	3,518	30	196,295	195,999	296	303,759	70
123	20,880	50	4,326	4	225	12,254	1,291	924	10,039	------	151,781	150,431	1,350	251,691	71
337	70,184	189	19,179	59	2,536	18,820	6,333	2,034	10,453	------	648,035	641,717	6,318	896,681	72
30	5,507	50	7,300	11	1,000	1,146	275	209	662	------	60,664	60,134	530	87,464	73
803	168,248	828	112,445	404	36,298	67,249	2,434	9,190	53,601	2,124	1,554,933	1,525,842	29,091	2,259,603	74
707	159,600	419	69,512	212	17,370	57,146	145	7,031	49,635	335	674,160	661,801	12,359	1,192,096	75
653	128,448	13	2,405	13	915	12,765	1,916	2,569	7,970	310	506,868	502,743	4,125	907,687	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Rockingham	103	$2,394,721	$131,054	$277,115	$781,624	$1,204,928	116	87	$80,125	2,163	$332,751
78	Rowan	133	1,695,281	94,904	296,999	807,890	495,488	159	56	41,380	1,822	500,663
79	Rutherford	93	2,281,835	83,045	337,357	1,139,157	722,276	102	24	18,673	2,082	279,196
80	Sampson	108	196,353	37,884	23,741	63,309	71,419	120	6	1,450	180	26,851
81	Scotland	73	470,417	32,744	55,875	193,477	188,321	82	21	10,017	408	71,690
82	Stanly	72	986,323	56,451	186,115	479,150	264,607	93	20	18,717	776	140,407
83	Stokes	60	151,769	40,155	18,507	67,008	26,099	78	2	550	93	17,581
84	Surry	138	896,233	57,145	127,396	263,221	448,471	187	77	37,293	1,196	216,739
85	Swain	41	83,081	12,025	11,162	37,445	22,449	44	6	3,515	81	15,004
86	Transylvania	29	27,790	4,255	6,260	12,480	4,795	27	------	------	15	4,383
87	Tyrrell	6	13,080	655	2,050	10,025	350	5	1	365	30	5,647
88	Union	89	491,042	33,570	76,372	276,150	104,950	131	11	9,297	540	83,028
89	Vance	45	384,382	7,922	55,527	208,555	112,378	45	16	11,303	587	104,696
90	Wake	231	1,938,657	164,709	292,122	862,672	619,154	253	161	104,092	1,681	498,586
91	Warren	71	115,735	31,335	17,397	46,797	20,206	79	3	1,083	133	23,661
92	Washington	28	259,760	70,560	28,470	111,484	49,246	28	9	6,401	335	74,300
93	Watauga	68	71,329	21,226	7,974	35,241	6,888	86	1	106	52	7,351
94	Wayne	100	719,564	59,318	113,514	256,503	290,229	112	46	35,712	668	151,464
95	Wilkes	162	683,915	92,428	65,532	119,176	406,779	190	31	27,305	377	80,334
96	Wilson	45	527,683	49,280	89,485	166,671	222,252	52	18	10,128	361	80,802
97	Yadkin	110	141,668	19,650	19,337	61,566	41,115	142	5	687	191	33,689
98	Yancey	43	81,003	39,220	5,530	25,025	11,228	47	3	644	41	8,605

TABLE 7.—MANUFACTURES BY

1	All industries	7,226	$76,503,894	$8,135,807	$11,156,157	$28,531,456	$28,680,474	8,473	3,001	$2,434,621	70,570	$13,868,430
2	Agricultural implements	9	77,537	3,330	12,600	24,600	37,007	14	7	3,970	91	20,169
3	Awnings, tents, and sails	4	1,935	450	850	185	450	4	------	------	5	1,486
4	Baskets, and rattan and willow ware	3	6,100	810	990	2,300	2,000	3	4	600	32	5,892
5	Bicycle and tricycle repairing	40	26,530	2,750	3,075	10,305	10,400	45	------	------	36	9,476
6	Blacksmithing and wheelwrighting	396	173,256	30,385	33,441	45,549	63,881	454	1	50	298	72,657
7	Boots and shoes, custom work and repairing.	93	37,381	2,265	7,085	12,723	15,308	100	2	460	46	12,656
8	Boots and shoes, factory product	3	37,700	200	1,850	7,450	28,200	1	3	1,618	40	14,107
9	Bottling	13	33,124	6,800	4,600	9,815	11,909	7	9	6,190	42	9,952
10	Boxes, wooden packing	11	44,235	5,236	9,093	16,660	13,246	18	2	600	183	28,821
11	Bread and other bakery products	22	33,422	4,450	8,950	10,102	9,920	28	14	1,728	45	12,680
12	Brick and tile	157	445,187	91,710	72,795	129,981	150,701	216	36	10,949	1,408	269,042
13	Brooms and brushes	3	2,060	100	400	275	1,285	5	------	------	6	1,356
14	Carpentering	68	114,957	20,700	18,485	10,310	65,462	76	9	6,350	575	210,132
15	Carriages and wagons	160	866,933	72,294	147,472	101,884	545,283	205	29	19,257	802	236,855
16	Cars and general shop construction and repairs by steam railroad companies.	12	539,513	36,540	165,435	166,365	171,178	------	47	38,463	1,141	550,504
17	Clothing, men's, custom work and repairing.	54	69,069	3,000	4,000	6,330	55,739	61	5	3,600	172	55,629
18	Clothing, men's, factory product	14	495,616	2,900	23,657	51,806	417,253	9	87	71,471	860	148,267
19	Clothing, women's, dressmaking	22	19,580	2,750	11,650	2,055	3,075	21	------	------	75	15,247
20	Coffins, burial cases, and undertakers' goods.	7	176,820	5,950	21,600	27,550	121,720	5	11	6,734	121	29,925
21	Confectionery	18	41,035	10,500	11,500	7,090	11,945	20	1	1,200	33	6,899
22	Cooperage	33	79,078	8,880	8,790	23,455	37,953	38	10	5,658	151	32,501
23	Cotton, compressing	3	180,000	30,000	45,000	95,000	10,000	------	17	11,340	158	31,717
24	Cotton, ginning[1]	424	513,415	21,288	111,115	369,615	11,397	550	24	1,379	456	57,126
25	Cotton goods	177	38,011,516	1,395,341	5,848,808	16,290,457	9,476,910	41	659	586,730	30,273	5,127,087
26	Dyeing and cleaning	9	2,505	600	500	675	730	9	1	208	14	2,368
27	Dyeing and finishing textiles	5	293,831	4,700	33,800	184,022	71,309	5	8	6,650	184	45,340
28	Fertilizers	18	2,818,921	99,534	403,281	213,508	2,102,598	16	51	65,838	427	109,192
29	Flouring and grist mill products	1,773	2,905,310	281,754	711,152	1,459,824	452,580	2,042	64	31,316	1,019	213,627
30	Foundry and machine shop products	61	1,017,758	83,380	119,227	288,331	526,820	70	63	55,933	797	273,021
31	Fruits and vegetables, canning and preserving.	19	30,340	3,035	4,575	7,480	15,250	20	2	300	78	10,736
32	Furniture, cabinetmaking, repairing, and upholstering.	33	34,956	2,595	5,500	8,930	17,931	41	1	365	20	5,411
33	Furniture, factory product	44	1,023,374	36,502	142,780	265,665	578,427	32	118	64,999	1,759	333,729
34	Gas, illuminating and heating	10	682,566	38,900	36,690	541,698	65,278	------	19	14,579	47	14,256
35	Hosiery and knit goods	24	674,369	16,925	52,852	360,420	244,672	15	64	46,224	1,495	255,253
36	Ice, manufactured	23	523,243	37,465	63,300	381,956	40,522	13	37	32,317	161	52,647
37	Kaolin and other earth grinding	8	268,925	130,550	14,808	34,561	89,006	2	11	8,693	163	29,245
38	Leather goods	3	8,940	------	------	540	8,400	3	------	------	2	650
39	Leather, tanned, curried, and finished	75	1,299,798	36,863	180,040	60,755	1,022,140	94	28	29,259	366	105,132
40	Lime and cement	4	11,100	1,300	550	3,550	5,700	4	------	------	21	2,400
41	Liquors, distilled	250	168,922	8,575	27,170	61,379	71,798	253	11	5,555	302	51,804
42	Liquors, vinous	5	76,190	5,160	35,375	23,205	12,450	7	25	37,000	56	9,030
43	Lock and gun smithing	8	4,640	1,200	1,475	1,375	590	9	------	------	4	1,130
44	Looking-glass and picture frames	4	10,800	3,000	3,000	1,400	3,400	4	1	100	3	1,235
45	Lumber and timber products	1,770	13,885,097	4,680,335	940,267	4,530,819	3,233,676	2,426	422	297,404	11,751	2,491,089
46	Lumber, planing mill products, including sash, doors, and blinds.	101	1,366,823	110,178	142,730	327,218	786,697	100	126	83,990	1,939	473,589

[1] Does not include many ginneries operated in connection with saw, grist, and cottonseed-oil mills, or for the use exclusively of plantations on which they are located. For the full number of ginneries in operation reference should be made to the special report on cotton ginning.

BY COUNTIES: 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.										
1,144	$243,993	584	$87,619	435	$51,139	$416,230	$4,195	$10,844	$395,641	$5,550	$1,586,998	$1,554,676	$32,322	$2,865,312	77
1,189	373,482	377	72,029	256	55,152	118,819	2,361	5,771	109,762	925	1,347,513	1,285,305	62,208	2,320,671	78
871	131,812	841	105,782	370	41,602	54,695	998	7,638	45,999	60	1,182,875	1,155,191	27,684	1,779,552	79
158	24,101	6	920	16	1,830	3,530	307	752	2,471	------	227,340	225,049	2,291	323,963	80
273	56,039	63	10,284	72	5,367	12,861	2,440	1,533	6,172	2,716	373,850	367,427	6,423	600,193	81
367	78,439	225	39,708	184	22,260	17,902	616	4,981	12,365	------	684,553	664,317	20,236	1,127,189	82
92	17,481	1	100	------	------	2,665	42	868	1,755	------	175,458	173,408	2,050	277,763	83
774	174,296	235	27,761	187	14,682	246,617	4,478	3,481	221,508	17,150	689,520	678,284	11,236	1,397,998	84
78	14,525	------	------	3	479	7,755	154	336	2,546	4,719	92,432	92,056	376	156,990	85
13	3,968	1	150	1	265	2,551	281	240	2,030	------	29,697	28,646	1,051	48,517	86
30	5,647	------	------	------	------	270	------	120	150	------	19,257	19,157	100	31,664	87
336	57,822	139	20,804	65	4,402	10,808	346	2,303	8,059	100	334,999	317,397	17,602	594,999	88
346	79,226	151	20,920	90	4,550	4,793	1,479	944	2,370	------	304,154	293,728	10,426	530,937	89
1,299	426,951	223	50,642	159	20,993	114,063	17,099	16,338	74,760	5,866	1,410,057	1,393,566	46,491	2,641,730	90
128	22,988	3	433	2	240	4,219	907	771	2,113	428	108,037	107,160	877	190,198	91
314	71,043	2	325	19	2,932	9,774	286	1,550	7,938	------	218,899	218,148	751	381,237	92
51	7,251	------	------	1	100	4,638	227	322	4,085	4	69,324	69,102	222	108,977	93
559	137,395	44	8,498	65	5,571	36,027	4,034	4,031	27,942	20	755,054	732,930	22,124	1,232,181	94
364	78,824	3	540	10	1,020	50,493	339	2,538	47,606	10	582,421	579,641	2,780	874,289	95
304	72,876	23	3,652	34	4,275	28,387	1,165	2,271	24,801	150	286,053	274,641	11,412	538,050	96
154	30,507	24	2,466	13	716	50,326	144	660	49,487	35	185,845	183,747	2,098	354,513	97
41	8,605	------	------	------	------	544	55	229	210	50	65,444	65,345	99	99,860	98

SPECIFIED INDUSTRIES: 1900.

44,549	$10,477,765	15,644	$2,394,417	10,377	$996,248	$9,118,637	$222,439	$369,933	$8,414,187	$112,078	$53,072,388	$51,667,271	$1,405,117	$94,919,663	1
86	19,719	------	------	5	450	1,971	35	427	1,024	485	41,047	37,977	3,070	99,128	2
5	1,486	------	------	------	------	139	90	24	25	------	4,470	4,470	------	9,250	3
20	3,892	7	1,800	5	1,200	415	------	55	360	------	3,770	3,595	175	16,055	4
31	9,004	------	------	5	472	4,240	2,709	634	892	5	20,877	20,467	410	57,144	5
291	72,255	------	------	7	402	14,574	10,448	1,303	2,136	687	120,669	110,381	10,288	394,463	6
45	12,570	------	------	1	86	4,326	3,581	184	521	40	31,619	31,185	434	94,899	7
40	14,107	------	------	------	------	1,058	80	128	850	------	53,297	53,129	168	73,493	8
40	9,802	------	------	2	150	3,378	1,385	991	1,002	------	62,096	61,372	724	100,779	9
83	14,286	58	8,060	42	1,475	2,459	1	228	2,230	------	30,956	30,353	603	76,093	10
42	12,298	2	300	1	82	7,496	5,173	579	1,744	------	57,996	55,818	2,178	106,605	11
1,320	260,824	------	------	88	8,218	19,277	5,157	2,247	11,563	310	146,911	20,446	126,465	641,280	12
5	1,276	------	------	1	80	239	145	9	85	------	4,364	4,364	------	6,800	13
572	209,917	------	------	3	215	17,575	1,971	1,048	2,454	12,102	558,418	557,152	1,266	947,890	14
781	234,173	1	165	20	2,517	30,099	4,025	5,570	20,002	502	522,017	509,409	12,608	1,059,237	15
1,139	550,128	2	376	------	------	29,259	------	4,831	23,861	567	893,159	889,350	12,300	1,511,376	16
91	37,298	71	17,734	10	597	12,752	8,315	1,046	3,267	124	93,323	91,550	1,773	222,041	17
138	41,657	650	100,440	72	6,170	23,238	4,070	2,899	14,869	1,400	639,472	634,758	4,714	1,037,286	18
------	------	75	15,247	------	------	1,890	1,228	118	544	------	4,474	4,105	369	32,055	19
118	29,585	2	240	1	100	4,284	------	686	3,598	------	39,402	36,077	3,325	119,479	20
20	4,923	9	1,531	4	445	3,598	2,382	396	770	50	34,796	33,889	907	70,002	21
149	32,275	------	------	2	226	2,751	393	563	1,233	562	76,801	75,686	1,115	163,086	22
168	34,717	------	------	------	------	13,993	2,500	2,462	9,031	------	11,015	2,085	8,930	73,650	23
455	57,021	------	------	1	105	7,637	1,554	2,719	3,364	------	78,539	60,351	18,188	337,443	24
12,780	2,765,457	10,364	1,629,036	7,129	732,594	1,030,918	2,775	135,963	865,958	26,222	17,386,624	16,668,190	718,434	23,372,798	25
9	1,982	1	100	4	286	1,681	865	16	800	------	919	591	328	9,570	26
142	38,031	42	7,309	------	------	13,366	822	1,106	11,438	------	95,210	84,443	10,767	175,750	27
426	109,117	------	------	1	75	108,209	39	17,535	90,625	10	1,044,267	1,019,964	24,303	1,497,625	28
1,010	212,962	------	------	9	665	65,305	6,006	20,403	38,249	737	7,218,904	7,157,334	61,570	8,867,162	29
775	269,883	6	1,380	16	1,758	40,200	5,642	7,425	26,393	740	737,581	717,273	20,308	1,394,770	30
29	6,506	41	3,805	8	425	414	75	146	193	------	44,494	43,415	1,079	64,440	31
19	5,311	1	100	------	------	3,211	2,691	159	356	5	12,554	12,293	261	35,769	32
1,343	298,821	129	11,095	287	23,818	51,921	1,480	4,963	36,873	8,600	725,069	708,709	16,360	1,547,305	33
47	14,256	------	------	------	------	40,789	------	5,094	35,695	------	37,370	35,556	1,814	129,747	34
317	91,029	735	123,742	443	40,482	35,920	4,803	3,822	27,005	290	504,027	490,265	13,762	1,023,150	35
160	52,582	------	------	1	115	18,042	1,230	4,676	12,136	------	66,291	20,127	46,164	228,305	36
161	28,936	------	------	2	309	6,535	580	429	807	4,719	22,774	16,723	6,051	105,929	37
2	650	------	------	------	------	509	419	40	50	------	3,535	3,435	100	12,100	38
366	105,132	------	------	------	------	32,685	640	3,829	28,216	------	1,129,402	1,126,871	2,531	1,502,378	39
21	2,400	------	------	------	------	168	150	18	------	------	2,081	891	1,190	6,642	40
302	51,804	------	------	------	------	394,108	852	1,017	392,033	206	134,631	113,203	21,428	641,948	41
39	6,930	17	2,100	------	------	16,585	------	413	16,172	------	109,695	109,195	500	224,980	42
4	1,130	------	------	------	------	668	516	72	80	------	1,257	1,132	125	6,110	43
8	1,285	------	------	------	------	800	350	165	200	85	6,300	6,285	15	10,640	44
11,521	2,463,915	35	4,447	195	22,727	321,048	30,329	56,906	233,813	------	7,743,235	7,742,378	857	14,862,593	45
1,894	465,938	------	------	45	7,651	78,377	7,142	7,547	32,178	31,510	1,801,478	1,790,246	11,232	2,892,058	46

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Marble and stone work	16	$98,967	$29,940	$10,240	$28,880	$30,407	18	15	$5,580	365	$88,127
48	Masonry, brick and stone	13	23,415		200	4,615	18,600	16	10	5,300	466	117,977
49	Mattresses and spring beds	21	39,023	7,800	11,650	9,190	10,383	21	2	700	51	11,257
50	Millinery, custom work	139	190,427	19,155	34,180	5,585	131,507	159	29	8,000	184	42,705
51	Mineral and soda waters	11	19,925	2,800	3,800	8,150	5,175	13			12	3,180
52	Monuments and tombstones	24	62,933	10,090	12,340	4,553	35,950	37	12	4,625	103	30,638
53	Oil, cottonseed and cake	21	1,841,856	61,831	298,044	529,248	952,733		87	63,416	564	133,195
54	Painting, house, sign, etc	26	10,645	700	1,100	2,010	6,835	31			92	33,542
55	Patent medicines and compounds	10	49,685			4,140	45,545	9	14	9,520	29	8,262
56	Paving and paving materials	5	38,475	16,650	1,200	16,025	4,600	5	5	2,610	170	63,578
57	Photography	55	45,937	2,170	6,985	25,415	11,367	58	1	350	27	9,431
58	Plumbing, and gas and steam fitting	33	109,486	10,600	8,600	14,740	75,546	43	8	3,292	186	88,583
59	Pottery, terra cotta, and fire-clay products.	21	82,738	10,645	21,965	17,635	32,493	24	7	4,700	138	23,886
60	Printing and publishing, book and job	38	147,710	5,525	5,425	106,000	30,760	49	12	8,462	166	54,703
61	Printing and publishing, newspapers and periodicals.	165	645,432	35,155	52,675	366,463	191,139	170	145	87,851	653	230,941
62	Rice, cleaning and polishing	4	51,325	5,425	13,600	19,300	13,000	2	9	8,325	30	7,675
63	Roofing and roofing materials	5	15,050	6,600	3,200	1,300	3,950	4	1	600	9	4,580
64	Saddlery and harness	85	177,894	11,133	19,658	22,618	124,480	92	12	6,970	157	42,390
65	Sewing machine repairing	5	1,670		900	320	450	5			5	1,790
66	Ship and boat building, wooden	14	73,760	21,600	2,700	22,185	27,275	17	2	1,200	73	34,782
67	Shirts	3	6,700			4,200	2,500	3	4	1,500	36	5,280
68	Silk and silk goods	3	130,376	6,200	52,000	40,525	31,651	1	11	3,455	209	25,420
69	Sugar and molasses, refining	6	926	81	90	755		11	1	200	1	236
70	Tinsmithing, coppersmithing, and sheet-iron working.	69	175,731	25,245	25,980	24,012	100,494	93	3	1,740	171	61,531
71	Tobacco, chewing, smoking, and snuff	80	6,874,908	238,291	640,067	648,158	5,348,392	100	469	577,048	6,403	869,170
72	Tobacco, cigars and cigarettes	16	169,980	24,740	30,875	5,405	109,460	13	22	16,830	180	37,734
73	Tobacco, stemming and rehandling	5	101,400	900	14,700	16,800	69,000	10	12	6,500	449	51,373
74	Turpentine and rosin	174	217,423	35,615	19,745	66,671	95,392	205	25	5,460	400	70,697
75	Watch, clock, and jewelry repairing	30	86,727	8,100	9,325	20,515	48,787	86			37	15,077
76	Wood, turned and carved	21	58,240	6,615	4,980	23,815	22,830	27	8	2,506	126	29,837
77	Woolen goods	16	347,830	18,355	42,400	90,754	196,321	11	17	9,065	206	39,094
78	All other industries[1]	49	972,443	172,661	315,720	202,801	281,261	54	29	24,739	1,215	191,642

[1] Embraces bags, other than paper, 1; boxes, fancy and paper, 1; carriage and wagon materials, 2; chemicals, 2; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 2; cutlery and edge tools, 1; electrical apparatus and supplies, 2; electrical construction and repairs, 1; electroplating, 1; emery wheels, 1; fancy articles, not elsewhere specified, 2; fish, canning and preserving, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; iron and steel, 2; ironwork, architectural and ornamental, 1; lapidary work, 1; models and patterns, 1; oil, essential, 1; optical goods, 1; oysters,

TABLE 8.—MANUFACTURES IN WILMINGTON

1	All industries	131	$2,968,199	$736,350	$471,580	$817,216	$943,053	131	120	$103,178	1,850	$568,250
2	Blacksmithing and wheelwrighting	9	1,175			700	475	9			11	2,830
3	Boots and shoes, custom work and repairing.	3	70			65	5	3			2	236
4	Bread and other bakery products	5	8,172	500	1,200	2,422	4,050	6	9	839	12	3,334
5	Carpentering	7	3,935	1,200	700	925	1,110	7			62	33,350
6	Clothing, men's, custom work and repairing.	10	8,550			1,075	7,475	10	2	1,100	39	3,702
7	Confectionery	3	12,050	2,500	7,500	750	1,300	4			5	1,200
8	Furniture, cabinetmaking, repairing, and upholstering.	3	250			150	100	3			3	425
9	Lumber and timber products	7	1,148,866	627,000	128,600	160,400	232,866	4	17	21,600	381	121,337
10	Masonry, brick and stone	3	1,000			300	700	3	1	675	46	14,114
11	Millinery, custom work	7	14,855	1,000	2,500	155	11,200	8	4	1,100	23	6,494
12	Painting, house, sign, etc	3						3			5	1,860
13	Photography	3	2,400			1,550	850	3			3	554
14	Printing and publishing, book and job	6	15,970			13,450	2,520	3			17	4,004
15	Printing and publishing, newspapers and periodicals.	4	65,800	2,400	4,900	31,000	27,500	4	16	10,440	52	27,605
16	Tinsmithing, coppersmithing, and sheet-iron working.	7	5,665			1,515	4,150	9			15	5,220
17	Turpentine and rosin	3	9,150	50	450	3,150	5,500	6			16	3,430
18	Watch, clock, and jewelry repairing	8	4,750			3,250	1,500	10				
19	All other industries[1]	40	1,605,541	101,700	325,730	596,359	641,752	31	71	67,424	1,158	333,055

[1] Embraces bicycle and tricycle repairing, 2; bottling, 2; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; clothing, men's, factory product, 1; clothing, women's, dressmaking, 2; coffee and spice, roasting and grinding, 2; cotton, compressing, 2; cotton goods, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; fertilizers, 1; flouring and grist mill products, 1; foundry and machine shop products, 2; gas,

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
350	$86,627			15	$1,500	$3,767	$3,598	$268	$4,476	$425	$18,131	$15,144	$2,987	$148,993	47
465	117,873			1	104	1,820	35	280	1,305	200	222,820	221,870	450	380,000	48
35	8,940	9	$1,627	7	690	2,423	1,056	307	1,060		44,508	43,923	585	78,325	49
		180	42,221	4	484	20,670	13,420	1,859	5,391		235,927	235,162	765	413,648	50
11	3,048			1	132	896	524	209	163		10,326	10,251	75	26,962	51
100	30,347			3	291	3,598	1,293	382	1,423	500	49,892	49,690	202	129,631	52
563	133,095	1	100			110,161	60	7,374	102,727		2,160,996	2,106,192	54,804	2,676,871	53
91	33,438			1	104	1,796	1,291	51	449	5	17,310	17,301	9	33,386	54
17	5,720	12	2,542			8,906	1,908	236	6,762		36,335	36,335		90,602	55
170	63,578					3,607		77	3,530		10,577	5,773	4,804	116,880	56
14	6,410	8	2,641	5	380	9,016	6,162	892	1,962		24,246	23,852	394	86,684	57
185	88,513			1	70	9,718	4,071	817	3,825	1,500	200,508	199,610	898	373,816	58
122	22,611	2	300	14	975	6,687	110	414	5,663	500	26,596	16,720	9,876	33,736	59
129	50,387	16	2,667	21	1,649	8,811	5,381	1,240	2,190		86,633	83,973	2,660	211,750	60
492	210,356	41	8,580	120	12,005	73,777	15,188	4,424	49,035	5,130	156,944	147,916	9,028	827,425	61
30	7,675					3,782	500	157	3,125		200,465	198,030	2,435	288,520	62
9	4,580					405	192	133	80		10,225	10,170	55	22,475	63
129	40,110			28	2,280	12,845	7,206	1,354	4,285		166,571	165,174	1,397	300,246	64
5	1,790					270	204	1	65		1,210	1,210		5,220	65
78	34,782					2,504	1,520	454	530		21,253	20,903	350	77,528	66
2	465	33	4,690	1	125	826	700	51	75		10,319	10,074	245	21,835	67
35	8,827	119	13,331	55	3,262	5,159	2,000	86	1,873	1,200	99,403	97,021	2,382	135,354	68
1	236					29	25	4			920	765	155	4,556	69
169	61,320			2	211	13,858	6,642	1,409	5,699	108	123,288	121,991	1,297	232,736	70
2,962	492,803	1,949	272,372	1,492	103,995	6,192,103	8,352	36,563	6,139,888	7,300	4,230,049	4,177,790	52,259	13,620,816	71
60	21,252	94	13,963	26	2,519	68,309	986	936	66,387		82,053	81,283	770	229,844	72
130	24,292	219	22,316	100	4,765	11,550	4,550	1,150	5,850		635,910	632,510	3,400	759,000	73
398	70,497	1	100	1	100	8,516	2,881	1,110	4,465	60	818,139	810,933	7,206	1,055,694	74
35	14,927			2	150	9,132	6,384	824	1,924		16,250	15,871	379	85,389	75
121	29,463			5	424	2,488	829	411	1,205	38	65,143	64,463	680	141,593	76
106	25,675	91	12,755	9	664	14,527		1,448	7,034	5,150	204,961	197,952	7,009	289,506	77
541	120,958	621	65,205	53	5,479	33,494	2,728	4,121	26,646	4	727,803	659,431	68,372	1,114,038	78

canning and preserving, 1; paints, 2; paper hanging, 2; plastering and stuccowork, 1; pumps, not including steam pumps, 1; sausage, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; taxidermy, 1; tools, not elsewhere specified, 2; trunks and valises, 1; upholstering materials, 2; vinegar and cider, 2.

BY SPECIFIED INDUSTRIES: 1900.

1,495	$519,145	260	$41,030	95	$8,075	$158,723	$18,644	$24,987	$103,662	$11,430	$1,734,054	$1,692,125	$41,929	$2,960,028	1
11	2,830					768	632	76	60		2,532	2,325	207	11,425	2
1	150			1	86	156	156				607	576	31	1,620	3
12	3,334					2,596	1,716	289	591		18,138	17,613	525	34,570	4
62	33,350					7,585	25	140	195	7,225	90,578	90,578		180,885	5
17	4,295	19	4,095	3	312	3,422	2,391	220	811		26,575	26,133	442	50,915	6
5	1,200					366	315	43	8		1,931	1,775	156	3,927	7
2	325	1	100			248	218	15	15		629	629		2,355	8
339	117,000	21	3,225	21	1,612	33,446	435	5,456	28,355	4,200	372,796	372,496	300	713,791	9
45	14,010			1	104	700		50	650		31,430	31,430		57,000	10
		22	6,390	1	104	3,029	1,604	381	1,044		24,731	24,581	150	42,522	11
5	1,860					5				5	1,172	1,172		4,300	12
1	240	1	250	1	64	1,048	756	110	182		941	905	36	5,500	13
10	3,360	1	172	6	472	1,335	751	203	381		6,663	6,376	287	20,150	14
47	26,775	4	755	1	75	10,314	1,175	674	8,465		17,992	16,807	1,185	36,380	15
15	5,220					856	551	70	235		8,108	8,030	78	15,725	16
16	3,430					1,641	660	196	785		66,150	65,950	200	75,800	17
						951	815	60	76		801	768	36	8,350	18
907	301,766	191	26,048	60	5,246	90,257	6,444	17,004	66,809		1,062,277	1,023,981	38,296	1,644,813	19

illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 2; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 1; oil, cottonseed and cake, 1; plumbing, and gas and steam fitting, 2; saddlery and harness, 1; ship and boat building, wooden, 1; shirts, 1; vinegar and cider, 1; wood, turned and carved, 1.

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 implements.	Cash and sundries.		Number.	Salaries.	Total.	
											Average number.	Wages.
1	Total for cities and towns	955	$28,463,061	$1,454,589	$3,219,720	$7,299,005	$11,489,747	949	1,226	$1,202,269	21,721	$4,505,290
2	Asheville	135	1,405,923	181,375	183,761	387,358	653,429	148	66	48,647	1,136	351,511
3	Charlotte	112	4,102,342	204,531	479,592	1,591,620	1,826,599	101	185	174,818	2,988	699,846
4	Concord	32	2,040,351	51,562	379,079	1,103,159	506,551	25	38	35,049	1,953	410,215
5	Durham	82	1,727,205	112,377	211,598	644,165	759,065	87	151	253,619	2,787	535,289
6	Fayetteville	46	446,970	33,620	67,943	203,928	141,479	39	33	17,684	461	81,424
7	Goldsboro	46	620,932	42,300	93,850	218,080	266,702	44	39	33,462	507	123,899
8	Greensboro	79	1,711,629	154,316	480,968	531,611	544,734	72	87	65,143	1,587	295,820
9	High Point	47	834,673	34,750	81,774	173,449	544,700	37	47	38,918	1,116	205,009
10	Newbern	81	1,027,885	228,928	119,640	296,925	382,397	86	45	36,630	1,162	284,952
11	Raleigh	135	1,611,089	96,256	258,547	732,217	524,069	136	146	97,464	1,353	441,938
12	Reidsville	37	851,705	28,794	102,901	157,990	562,020	45	47	40,950	388	169,545
13	Salem	34	1,375,661	84,184	179,878	188,231	923,368	42	68	48,930	1,506	270,027
14	Salisbury	43	906,275	30,950	145,950	508,067	221,308	40	27	21,980	852	172,561
15	Winston	46	4,800,421	170,651	434,239	562,205	3,633,326	47	247	203,945	3,420	461,214

TOWNS 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.										
12,914	$3,269,671	5,499	$888,239	3,308	$347,380	$6,572,609	$107,463	$131,648	$6,305,816	$27,682	$16,481,488	$15,933,472	$548,016	$33,846,874	1
838	300,202	216	35,536	82	18,773	59,362	21,311	7,575	30,211	265	1,065,023	1,041,200	23,823	1,866,109	2
1,704	520,138	807	131,730	477	47,978	218,221	17,142	21,933	175,232	3,914	2,892,587	2,783,466	109,121	4,792,301	3
1,095	265,462	488	101,668	370	43,085	61,304	3,993	9,779	47,622	----------	1,162,109	1,069,413	92,696	1,981,411	4
1,184	314,092	1,265	190,367	338	80,830	2,367,522	9,396	13,835	2,344,291	----------	2,502,449	2,466,518	35,931	7,984,540	5
263	59,296	158	19,801	40	2,327	15,737	1,997	2,324	9,689	1,727	316,680	306,932	9,748	570,127	6
407	110,354	44	8,498	56	5,047	26,336	3,327	3,167	19,842	----------	677,409	664,770	12,639	1,086,834	7
1,061	225,517	320	49,687	206	20,616	152,048	8,311	6,317	136,520	400	1,015,571	940,023	75,548	1,790,523	8
875	182,670	95	10,940	146	11,399	72,386	2,296	5,048	61,442	3,600	617,434	608,920	8,514	1,178,715	9
1,039	270,482	98	11,414	36	3,056	39,476	6,185	4,946	28,345	----------	1,069,070	1,059,500	9,570	1,704,251	10
981	370,263	222	50,342	155	20,433	107,133	16,475	14,607	70,185	5,866	1,203,099	1,158,908	44,191	2,204,056	11
460	106,937	227	36,363	201	26,245	298,043	2,929	5,848	288,716	550	563,307	544,559	18,748	1,284,783	12
924	206,783	222	28,080	360	35,214	715,301	6,621	7,621	695,499	5,560	854,716	840,288	14,428	2,067,240	13
389	67,999	286	57,872	177	46,630	28,481	2,139	3,370	22,472	500	559,070	519,903	39,167	939,954	14
1,709	269,526	1,056	155,941	664	35,747	2,411,259	4,931	25,278	2,375,750	5,300	1,982,964	1,929,072	53,892	5,436,090	15

NORTH DAKOTA.

North Dakota was admitted as a state on November 2, 1889. Prior to that date it formed a part of the territory of Dakota, therefore, the Eleventh Census (1890) was the first in which the statistics for the state were published separately.

Table 1 is a comparative summary of the manufacturing and mechanical industries of North Dakota as returned at the censuses of 1890 and 1900, with the percentages of increase for the decade. This table also presents the average number of wage-earners employed by manufacturing 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 1.—COMPARATIVE SUMMARY, 1890 AND 1900, WITH PER CENT OF INCREASE FOR THE DECADE.

	1900	1890	Per cent of increase.		1900	1890	Per cent of increase.
Number of establishments	1,130	382	195.8	Miscellaneous expenses	$302,492	$236,909	27.7
Capital	$5,896,490	$2,894,553	86.4	Cost of materials used	$5,615,793	$3,087,161	81.9
Salaried officials, clerks, etc., number	168	[1]348	[2]51.7	Value of products, including custom work and repairing	$9,183,114	$5,028,107	82.6
Salaries	$141,432	[1]$243,749	[2]42.0				
Wage-earners, average number	2,398	1,499	60.0	Total population	[3]312,239	182,719	70.9
Total wages	$1,222,472	$759,132	61.0	Wage-earners engaged in manufactures	2,398	1,499	60.0
Men, 16 years and over	2,168	1,398	55.1	Per cent of total population	0.8	0.8	----------
Wages	$1,160,288	$733,179	58.3	Assessed value of real estate	$90,942,019	$65,181,187	39.5
Women, 16 years and over	193	85	127.1	Value of land and buildings invested in manufactures[4]	$1,411,428	$699,680	101.7
Wages	$57,433	$23,195	147.6	Per cent of assessed value	1.6	1.1	----------
Children, under 16 years	37	16	131.3				
Wages	$4,751	$2,758	72.3				

[1] Includes proprietors and firm members, with their salaries; number only reported for 1900. (See Table 5.)
[2] Decrease.
[3] Exclusive of 6,907 Indians and other persons on Indian reservations, which classes were not included at previous censuses.
[4] Does not include the value of rented property.

While Table 1 indicates that the manufacturing and mechanical industries have increased during the past decade, it is still true that the principal industries of the state are agriculture and stock raising. Manufacturing is limited almost entirely to the so-called neighborhood industries, and, with the exception of the flour and grist mill industry, practically the entire product is consumed at or near the point of production. During the year 1900 the product of the flour and grist mills was valued at $4,134,023, or 45 per cent of the total value of the product for the entire state. There were 6,060,839 bushels of cereals of all kinds reported as material, valued at $3,065,489. This quantity included 4,827,477 bushels of wheat, valued at $2,756,484. The next most important cereal ground was barley, of which there were 590,564 bushels, valued at $112,844.

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, 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.

TABLE 2.—SUMMARY FOR ALL ESTABLISHMENTS.

CLASSES.	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	COST OF MATERIALS USED. Total.	COST OF MATERIALS USED. Purchased in raw state.	COST OF MATERIALS USED. Purchased in partially manufactured form.	COST OF MATERIALS USED. Fuel, freight, etc.	Value of products, including custom work and repairing.
Total	1,335	$5,662,347	1,465	2,464	$1,228,088	$308,664	$5,675,275	$3,485,369	$1,893,290	$296,616	$9,287,259
Hand trades[1]	558	1,088,681	628	841	443,735	71,019	917,741	350	863,893	53,498	2,038,966
Governmental establishments	3	5,100		4	1,520		6,805	6,000	655	150	10,685
Penal institutions	2	152,000		20	800	1,200	29,701	25,000	1,501	3,200	38,900
Establishments with a product of less than $500	200	108,757	213	42	3,296	4,972	22,976	1,875	21,101		54,560
All other establishments	572	4,307,809	624	1,557	778,737	231,473	4,698,052	3,452,144	1,006,140	239,768	7,144,148

[1] Includes bicycle and tricycle repairing, 23; blacksmithing and wheelwrighting, 293; boots and shoes, custom work and repairing, 20; carpentering, 35; clothing, men's, custom work and repairing, 50; clothing, women's, dressmaking, 10; dyeing and cleaning, 1; furniture, cabinetmaking, repairing, and upholstering, 7; lock and gun smithing, 2; masonry, brick and stone, 8; millinery, custom work, 46; painting, house, sign, etc., 12; plastering and stuccowork, 1; plumbing, and gas and steam fitting, 12; taxidermy, 2; watch, clock, and jewelry repairing, 34.

In addition to the 1,335 active establishments in the state during the census year, with a capital of $5,662,347, shown in Table 2, there were 10 idle establishments with a capital of $44,950.

Table 3 presents the totals for the manufacturing industries in Fargo and Grand Forks, and places them in comparison with the totals for the entire state and the state exclusive of these cities.

TABLE 3.—URBAN MANUFACTURES.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for state	1,130	$5,396,490	1,252	2,398	$1,222,472	$302,492	$5,615,793	$9,183,114
Total for urban manufactures	170	1,921,130	183	1,026	610,547	140,587	1,752,403	3,222,568
Fargo	93	1,092,026	98	705	383,500	76,352	1,272,753	2,137,802
Grand Forks	77	829,104	85	321	227,047	64,235	479,650	1,084,766
Total for state exclusive of urban manufactures	960	3,475,360	1,069	1,372	611,925	161,905	3,863,390	5,960,546
Per cent of urban manufactures to total for state	15.0	35.6	14.6	42.8	49.9	46.5	31.2	35.1

It appears from Table 3 that, compared with the totals for the state, the 2 cities furnished employment to 42.8 per cent of the wage-earners and made 35.1 per cent of the products.

The detailed statistics of the census of 1900 are presented in the 3 tables which follow.

Table 4 shows the totals for the state by counties.

Table 5 shows the totals for the state by specified industries.

Table 6 shows the totals for all industries in the cities withdrawn from the enumerators.

TABLE 4.—MANUFACTURES

[No manufactures reported

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	1,180	$5,396,490	$424,263	$987,165	$1,634,964	$2,350,098	1,252	168	$141,432	2,398	$1,222,472
2	Barnes	69	228,455	22,160	46,540	47,330	112,425	81	6	4,400	101	47,609
3	Benson	12	25,635	1,770	6,790	10,545	6,530	15			6	2,095
4	Bottineau	23	74,584	4,700	13,725	25,935	30,224	24			33	19,549
5	Burleigh	12	41,395	4,540	7,375	17,305	12,475	13	3	4,500	46	24,370
6	Cass	160	1,235,058	80,495	210,307	342,168	602,088	171	47	41,222	769	410,373
7	Cavalier	21	142,970	16,815	27,250	62,025	36,880	21	6	3,330	33	15,155
8	Dickey	27	73,940	5,160	18,700	24,325	25,755	27	1	900	20	8,860
9	Eddy	12	28,675	2,250	7,200	10,500	8,725	14			9	3,690
10	Emmons	3	4,400	300	1,750	1,700	650	3				
11	Foster	17	49,880	3,930	8,965	14,465	22,020	16	1	650	9	4,095
12	Grand Forks	147	1,033,452	94,345	137,400	327,298	474,409	165	44	39,530	477	259,570
13	Griggs	15	41,797	4,135	7,130	11,055	19,477	15			15	6,718
14	Kidder	6	18,235	480	4,050	6,780	6,925	6			2	1,400
15	Lamoure	28	72,824	2,000	12,565	21,333	36,926	31	1	1,200	17	6,180
16	McHenry	5	3,955	555	1,025	925	1,450	5			1	600
17	McIntosh	3	2,315	15	170	1,030	1,100	3			1	300
18	McLean	4	26,205	9,500	2,400	5,725	8,580	5	1	300	6	2,545
19	Morton	31	326,260	32,247	83,244	76,217	134,552	25	12	7,915	142	77,778
20	Nelson	23	54,885	6,215	14,650	14,870	19,150	29	1	800	20	8,032
21	Pembina	55	195,260	13,560	33,480	55,145	93,075	54	6	4,300	73	33,853
22	Pierce	3	7,655	1,575	425	335	5,320	4			1	366
23	Ramsey	37	98,800	7,600	21,350	29,435	40,415	40	2	2,100	48	27,382
24	Ransom	26	99,615	4,950	19,750	39,475	35,440	33	1	435	29	10,495
25	Richland	75	323,955	29,150	47,285	105,510	142,010	83	7	6,640	85	38,145
26	Rolette	6	62,600	2,700	14,200	24,350	21,350	6			11	4,418
27	Sargent	26	89,490	1,995	20,440	43,198	23,857	23	3	1,640	17	7,290
28	Stark	13	75,755	3,150	29,260	22,475	20,870	15	1	900	20	16,660
29	Steele	11	58,670	1,875	7,850	17,150	26,795	13			10	6,066
30	Stutsman	28	133,968	4,800	15,940	46,210	67,018	33	5	4,100	56	26,861
31	Towner	19	74,168	7,175	10,800	12,420	43,773	22			26	12,796
32	Traill	81	169,401	17,795	37,224	54,720	59,662	94	4	2,005	81	32,762
33	Walsh	96	381,350	24,571	73,330	104,265	179,184	117	4	5,050	146	68,032
34	Ward	12	82,340	7,050	33,060	26,625	15,705	14	5	4,540	52	27,336
35	Wells	16	43,712	2,970	8,285	19,230	13,227	19	3	3,765	16	6,586
36	Williams	8	5,165	700	1,350	2,900	215	9	1	400	4	2,805
37	All other counties [1]	5	14,866	1,035	1,900	10,090	1,841	4	3	810	5	1,700

[1] Includes establishments distributed as follows: Logan, 1; Mercer, 2; Oliver, 2.

BY COUNTIES: 1900.

from Billings county.]

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.										
2,168	$1,160,288	193	$57,433	37	$4,751	$302,492	$70,153	$38,730	$182,670	$10,939	$5,615,793	$5,432,205	$183,588	$9,183,114	1
96	45,483	5	2,126			17,682	3,109	1,952	10,521	2,100	299,113	291,991	7,122	452,218	2
6	2,095					937	332	114	491		16,600	15,892	708	30,156	3
36	19,309	2	240			2,857	926	469	1,387	75	59,351	56,966	2,385	113,027	4
41	23,030	4	1,140	1	200	1,951	340	210	1,401		19,474	19,069	405	75,586	5
701	392,327	60	16,601	8	1,445	82,802	25,643	6,515	47,672	2,972	1,358,712	1,334,628	24,084	2,317,860	6
33	15,155					3,154	405	803	1,946		89,179	84,503	4,676	145,606	7
20	8,860					3,291	430	1,062	1,799		92,238	88,688	3,550	117,123	8
8	3,390	1	300			1,736	644	325	767		10,777	9,939	838	24,920	9
						281		23	258		643	520	123	4,019	10
9	4,095					1,616	354	224	1,038		21,652	20,733	919	47,078	11
409	235,563	61	22,647	7	1,360	71,572	17,397	7,575	43,213	3,387	731,061	688,658	42,403	1,473,088	12
18	6,368	1	100	1	250	2,037	240	601	1,196		59,871	58,182	1,689	83,312	13
2	1,400					380	120	118	142		8,882	8,614	268	14,123	14
12	5,570	3	535	2	75	3,850	437	681	2,682	50	105,369	101,323	4,046	137,183	15
1	600					133		54	79		3,391	3,106	285	7,725	16
1	300					130	60	4	66		721	636	85	3,090	17
6	2,545					622		163	459		16,480	16,000	480	30,818	18
137	76,346	4	1,408	1	24	11,707	892	2,138	8,677	100	360,204	349,154	11,050	499,825	19
20	8,032					2,816	713	637	1,466		69,370	67,675	1,695	108,628	20
67	32,433	4	1,170	2	250	8,389	1,085	1,534	5,770		202,318	193,197	9,121	322,460	21
1	366					97	40	22	35		1,984	1,829	155	4,385	22
44	26,246	4	1,136			7,640	3,145	1,049	2,991	455	82,108	78,650	3,458	161,166	23
25	10,145	2	250	2	100	4,845	885	975	2,985		134,944	130,002	4,942	189,156	24
74	36,268	8	1,675	3	202	13,571	2,369	2,388	8,589	225	492,176	478,365	13,811	723,284	25
9	4,318			2	100	3,384		735	2,649		84,284	82,106	2,178	111,301	26
17	7,290					1,772	70	465	1,237		98,832	95,526	3,306	139,835	27
24	15,360	2	1,300			2,869	530	354	1,985		26,749	23,104	3,645	77,130	28
10	6,066					1,914	168	286	1,460		69,356	66,937	2,419	95,420	29
51	26,196	1	275	4	390	12,297	2,115	1,703	8,479		207,266	203,109	4,157	317,678	30
26	12,796					3,035	474	541	2,020		35,118	33,029	2,089	70,686	31
72	31,180	9	1,582			8,651	2,933	1,640	4,003	75	148,418	143,594	4,824	260,366	32
123	63,429	20	4,298	3	305	20,101	3,630	2,450	12,521	1,500	610,979	592,785	18,194	836,612	33
51	26,836	1	500			1,353	455	410	488		31,484	29,407	2,077	77,915	34
14	6,386	1	150	1	50	2,461	172	356	1,933		56,082	54,441	1,641	88,480	35
4	2,805					158	40	108	10		964	399	565	6,826	36
5	1,700					406		51	355		9,643	9,448	195	15,074	37

TABLE 5.—MANUFACTURES

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES.	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	1,130	$5,396,490	$424,263	$987,165	$1,634,964	$2,350,098	1,252	168	$141,432	2,398	$1,222,472
2	Bicycle and tricycle repairing	23	26,775	1,975	4,875	9,275	10,650	26	1	300	21	10,061
3	Blacksmithing and wheelwrighting	293	510,227	64,881	105,499	107,410	232,437	332	2	1,500	190	85,911
4	Boots and shoes, custom work and repairing.	20	20,580	3,170	5,940	2,285	9,185	23			7	2,251
5	Bread and other bakery products	11	20,965	2,250	3,425	7,325	7,965	12			37	12,941
6	Brick and tile	12	174,050	34,950	33,150	21,000	84,950	20	4	2,600	108	48,477
7	Carpentering	35	144,560	13,535	10,560	11,225	109,240	41	2	1,500	142	81,729
8	Carriages and wagons	13	41,110	4,575	6,250	8,850	21,435	17			23	11,761
9	Cars and general shop construction and repairs by steam railroad companies.	3	171,043	20,180	87,214	43,750	19,899		7	6,725	126	67,922
10	Cheese, butter, and condensed milk, factory product.	21	51,515	1,095	14,750	26,800	8,870	13	5	1,250	13	7,725
11	Clothing, men's, custom work and repairing.	50	69,482	8,937	10,425	5,415	44,705	56			92	53,183
12	Clothing, women's, dressmaking	10	5,870	50	410	1,140	4,270	11			35	7,468
13	Flouring and grist mill products	97	1,359,296	56,270	249,030	531,242	522,754	100	57	47,750	298	159,335
14	Foundry and machine shop products	16	85,535	11,250	13,050	29,850	31,385	23			36	23,803
15	Furniture, cabinetmaking, repairing, and upholstering.	7	12,480	1,050	2,170	1,810	7,450	6			2	1,445
16	Lumber and timber products	4	27,275	17,660	725	5,940	2,950	6	1	300	12	3,000
17	Masonry, brick and stone	8	59,475	4,000	2,000	23,350	30,125	9			132	87,337
18	Millinery, custom work	46	79,311	8,700	19,950	3,506	47,155	50			41	13,403
19	Mineral and soda waters	7	30,410	4,000	2,000	9,950	14,460	7	1	1,200	14	8,912
20	Monuments and tombstones	5	17,435	305	275	355	16,500	7			10	6,835
21	Painting, house, sign, etc	12	27,750	600	360	3,615	23,175	16	3	3,340	70	36,192
22	Photography	25	43,705	6,765	16,950	10,405	9,585	27			15	7,315
23	Plumbing, and gas and steam fitting	12	69,438	4,300	6,300	10,845	47,993	16	3	3,100	85	52,843
24	Printing and publishing, book and job	9	72,850		500	34,150	38,200	11	3	3,462	56	33,535
25	Printing and publishing, newspapers and periodicals.	131	553,052	26,680	51,200	251,640	223,532	137	45	38,195	326	143,096
26	Saddlery and harness	118	564,609	42,350	94,802	35,366	392,091	131	1	480	134	64,913
27	Slaughtering and meat packing, wholesale.	3	104,371	10,500	30,750	11,900	51,221	3	8	8,760	34	15,977
28	Tinsmithing, coppersmithing, and sheet-iron working.	49	92,415	7,610	17,300	21,550	45,955	57	4	3,300	66	41,024
29	Tobacco, cigars and cigarettes	26	23,536	1,850	3,575	1,613	16,498	28			33	16,932
30	Watch, clock, and jewelry repairing	34	50,533	13,400	11,730	9,087	16,316	35			19	9,792
31	All other industries[1]	30	886,837	51,375	182,000	394,315	259,147	32	21	17,670	221	107,354

[1] Embraces agricultural implements, 1; awnings, tents, and sails, 1; boxes, wooden packing, 1; bridges, 1; brooms and brushes, 1; carpets, rag, 1; confectionery, 1; dyeing and cleaning, 1; fur goods, 2; furs, dressed, 1; gas, illuminating and heating, 2; hand stamps, 1; lime and cement, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; lumber, planing mill products, including sash, doors, and blinds, 1; paper and wood pulp, 1; paving and paving materials, 1;

TABLE 6.—MANUFACTURES IN CITIES

1	Total for cities	170	$1,921,130	$143,700	$284,450	$586,961	$906,019	183	82	$73,552	1,026	$610,547
2	Fargo	93	1,092,026	63,700	182,450	312,574	533,302	98	45	40,122	705	383,500
3	Grand Forks	77	829,104	80,000	102,000	274,387	372,717	85	37	33,430	321	227,047

BY SPECIFIED INDUSTRIES: 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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
2,168	$1,160,288	193	$57,433	37	$4,751	$302,492	$70,153	$38,730	$182,670	$10,939	$5,615,793	$5,432,205	$183,588	$9,183,114	1
21	10,061					4,087	1,900	388	1,799		14,393	13,599	794	49,983	2
188	85,811			2	100	14,957	4,175	3,436	7,171	175	151,032	134,634	16,398	496,345	3
7	2,251					1,981	1,039	146	796		8,298	7,877	421	20,531	4
28	10,788	9	2,153			5,362	2,822	213	2,327		37,203	34,169	3,034	81,100	5
101	46,877	3	600	4	1,000	2,615	200	883	1,532		30,484	3,944	26,540	131,374	6
142	81,729					7,778	302	489	1,537	5,450	215,720	214,870	850	385,035	7
23	11,761					1,746	552	257	737	200	17,830	16,604	1,226	42,609	8
126	67,922					1,400		1,400			64,847	58,652	6,195	140,894	9
13	7,725					1,231	55	208	968		96,286	93,647	2,639	122,128	10
83	50,445	9	2,688			11,985	7,414	802	3,669	100	64,245	62,123	2,122	182,965	11
		35	7,468			1,214	980	22	212		13,754	13,427	327	30,730	12
298	159,335					65,890	860	12,258	52,772		3,347,067	3,262,378	84,689	4,184,023	13
36	23,803					3,343	1,036	580	1,727		33,977	30,853	3,124	92,631	14
2	1,445					842	350	63	429		3,388	3,283	105	9,485	15
12	8,000					86		56	30		11,532	11,532		24,200	16
132	87,387					2,278	340	493	1,445		203,927	203,827	100	333,680	17
		40	13,353	1	50	9,037	5,649	908	2,480		53,774	52,693	1,081	114,045	18
14	8,912					1,674	810	174	690		20,810	20,572	238	45,718	19
10	6,835					1,072	390	54	628		16,160	16,090	70	35,350	20
70	36,192					6,114	1,751	286	4,002	75	42,919	42,649	270	113,928	21
12	6,383	3	932			3,257	1,335	432	1,490		14,176	13,071	1,105	49,607	22
85	52,843					4,189	2,110	499	1,580		136,178	135,753	425	252,117	23
51	31,010	3	1,860	2	665	10,588	3,039	547	7,002		51,379	48,462	2,917	132,061	24
263	128,683	37	11,707	26	2,706	50,920	14,221	3,889	29,126	3,684	119,002	111,108	7,894	587,389	25
134	64,913					17,944	5,606	3,412	8,926		272,315	268,406	3,909	484,432	26
33	15,677	1	300			8,975	720	430	7,025	800	198,175	197,300	875	256,160	27
66	41,024					6,410	2,754	931	2,270	455	67,637	65,975	1,662	166,264	28
29	15,972	2	730	2	230	9,259	2,073	255	6,931		25,982	25,324	658	69,419	29
18	9,432	1	360			5,746	3,668	477	1,601		8,036	7,263	773	40,922	30
171	92,072	50	15,282			40,512	4,002	4,742	31,768		275,267	262,120	13,147	556,989	31

plastering and stuccowork, 1; pottery, terra cotta, and fire-clay products, 1; soap and candles, 1; starch, 1; taxidermy, 2; upholstering materials, 1; wirework, including wire rope and cable, 1; woolen goods, 1.

UNDER 20,000 IN POPULATION: 1900.

907	$570,819	108	$37,023	11	$2,705	$140,587	$38,360	$12,044	$83,911	$6,272	$1,752,403	$1,697,266	$55,137	$3,222,568	1
644	366,754	53	15,301	8	1,445	76,352	22,683	5,653	45,044	2,972	1,272,753	1,252,443	20,310	2,137,802	2
263	204,065	55	21,722	3	1,260	64,235	15,677	6,391	38,367	3,300	479,650	444,823	34,827	1,084,766	3

OHIO.

Table 1 shows the manufacturing and mechanical industries of the state of Ohio 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 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 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	32,398	28,678	20,699	22,773	11,123	10,622	13.0	38.5	[1]9.1	104.7	4.7
Capital	$605,792,266	$402,793,019	$188,939,614	$141,923,964	$57,295,303	$29,019,538	50.4	113.2	33.1	147.7	97.4
Salaried officials, clerks, etc., number	30,003	[2]38,566	([3])	([3])	([3])	([3])	[1]22.2	------	------	------	------
Salaries	$29,351,045	[2]$30,321,084	([3])	([3])	([3])	([3])	[1]3.2	------	------	------	------
Wage-earners, average number	345,869	292,982	183,609	137,202	75,602	51,491	18.1	59.6	33.8	81.5	46.8
Total wages	$153,955,330	$128,447,799	$62,103,800	$49,066,488	$22,302,989	$13,467,156	19.9	106.8	26.6	120.0	65.6
Men, 16 years and over	287,789	244,900	152,217	119,686	65,749	47,054	17.5	60.9	27.2	82.0	39.7
Wages	$140,364,129	$118,158,916	([3])	([3])	([3])	([3])	18.8	------	------	------	------
Women, 16 years and over	53,711	41,531	18,563	11,575	9,853	4,437	29.3	123.7	60.4	17.5	122.1
Wages	$12,883,284	$9,286,497	([3])	([3])	([3])	([3])	38.7	------	------	------	------
Children, under 16 years	4,369	6,551	12,829	5,941	([3])	([3])	[1]33.3	[1]48.9	115.9	------	------
Wages	$707,917	$1,002,386	([3])	([3])	([3])	([3])	[1]29.4	------	------	------	------
Miscellaneous expenses	$69,728,206	$45,062,825	([4])	([4])	([4])	([4])	54.7	------	------	------	------
Cost of materials used	$447,849,677	$341,016,464	$215,334,258	$157,131,697	$69,800,270	$34,678,019	31.3	58.4	37.0	125.1	101.3
Value of products, including custom work and repairing	$832,438,113	$641,688,064	$348,298,390	$269,713,610	$121,691,148	$62,692,279	29.7	84.2	29.1	121.6	94.1
Total population	4,157,545	3,672,316	3,198,062	2,665,260	2,339,511	1,980,329	13.2	14.8	20.0	13.9	18.1
Wage-earners engaged in manufactures	345,869	292,982	183,609	137,202	75,602	51,491	18.1	59.6	33.8	81.5	46.8
Per cent of total population	8.3	8.0	5.7	5.1	3.2	2.6	------	------	------	------	------
Assessed value of real estate	[5]$1,285,008,439	$1,232,305,312	$1,093,677,705	$707,846,836	$687,518,121	$337,521,075	4.3	12.7	54.5	3.0	103.7
Value of land and buildings invested in manufactures[6]	$144,152,774	$96,331,877	([3])	([3])	([3])	([3])	49.6	------	------	------	------
Per cent of assessed value	11.2	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 Secretary of State of Ohio, 1900, page 678.
[6] Does not include value of rented property.

Table 1 shows that there has been a large growth in the manufacturing and mechanical industries of Ohio during the half century. The population during these years increased from 1,980,329 to 4,157,545, while the average number of wage-earners employed in manufacturing establishments increased from 51,491 to 345,869, embracing, in 1900, 8.3 per cent of the entire population, compared with 2.6 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 451,686, or 10.9 per cent of the total population of the state. The greatest percentage of increase in the value of products, 121.6, is shown for the decade ending with 1870, but the greatest absolute increase, $293,389,674, was between the years 1880 and 1890.

If the value of products given for 1870 is reduced to a gold basis, the absolute increase for each decade from 1850 to 1900, successively, is found to be $58,998,869, $94,079,740, $132,527,502, $293,389,674, and $190,750,049. The increase was therefore greater at each successive decade except the last. At the censuses of 1840, 1850, 1860, and 1870 Ohio ranked fourth in the United States in the value of all manufactures. In 1880 the state became fifth, and has held that rank ever since.

Of the various causes which have contributed to the early development and steady advance of manufacturing in Ohio, the great commercial advantages of the state must be considered the most important. Water communication with the Atlantic seaboard is afforded by Lake Erie and the Erie Canal, and with the states of the northwest by the western Great Lakes and the Sault Ste. Marie Canal, while the Ohio River, which forms the southern boundary of the state for 436 miles, and its tributary, the Muskingum River, navigable for several miles above Zanesville, furnish cheap communication with western Pennsylvania and the entire Mississippi Valley. Two canals, connecting Lake Erie with the Ohio River, one from Cleveland to Portsmouth, and the other from Toledo to Cincinnati, were constructed by the state between the years 1825 and 1835. Settlements, trade, and local manufactures developed almost entirely along these waterways during the earlier years of the century. Other parts of the state were opened up by the construction of railroads, but the effect of these water routes in the localization of manufactures is still very marked, for in 1900 the great manufacturing centers of the state were located at the lake and river termini of the two principal canals, along these canals and their feeders north of Cincinnati and south and southeast of Cleve-

land, and along the Ohio River west and northwest of Wheeling.

During the first half of the century, owing to the existence of these water routes to the East, Ohio was the most accessible region west of the Allegheny Mountains, and was the first state, therefore, to feel the effect of westward emigration on a large scale. From 1820 to 1880 the population exceeded that of any other state west of the Allegheny Mountains. Many of the settlers came from New England, New York, and Pennsylvania, bringing with them the mechanical knowledge gained in their former homes. Machinery and tools were also brought from these older manufacturing sections, and industries for the supplying of local needs were started. Production for the broader market received its first great impetus when steam navigation began on the Ohio River, between the years 1810 and 1820. The rapid settlement of the Mississippi Valley developed a market which eastern manufacturers found difficult to enter in competition with the more favorably located establishments of Cincinnati. The rise of this city as a manufacturing center was remarkable. Coal brought down the Ohio River at small expense from Pennsylvania was most largely used. Pennsylvania furnished also crude forms of iron, and forests in the vicinity supplied abundant hard wood. In 1803 manufactured products were shipped to points along the Mississippi River as far south as New Orleans.[1]

Cleveland was essentially a commercial city during the first half of the century, its prominence being due to its location on Lake Erie, and to the trade which passed through the Ohio Canal. By 1860 railroad construction had begun to deflect commerce to other centers, but the decline threatened at that time[2] was averted by the industrial development which followed the opening of the Sault Ste. Marie Canal, in 1855. Water communication was thus furnished with the richest mines of iron ore in the United States, and the iron industries of Cleveland and the Mahoning Valley began their great development.

Among the natural resources of Ohio are a fertile soil, extensive hard-wood forests, and an abundance of coal and natural gas. This last came largely into commercial use in the state in 1884.[3] The production increased until 1889, but, on account of the exhaustion of many of the wells, has declined since that date. Ohio ranked fourth in 1899, however, in the value of natural gas produced, and considerable quantities were piped into the state from Pennsylvania, Indiana, West Virginia, Kentucky, and Canada. This fuel has been used at various times in Toledo, Findlay, Dayton, Springfield, Columbus, Zanesville, Newark, and many smaller places.[4] During 1899 it was used in 691 different establishments in the state. Petroleum also was used as a fuel, though to a less extent. The waterpower of Ohio is not extensive, its use being confined very largely to flour and grist milling, lumber milling, and the manufacture of paper and wood pulp.

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] The Journal of a Tour into the Territory Northwest of the Allegheny Mountains in the Year 1803, by T. M. Harris, page 146.

[2] The New England Magazine, 1896, page 760.

[3] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, pages 299, 302, 309, and 310.

[4] Testimony of the Ohio State Geologist before the Cincinnati Board of City Affairs, 1899; quoted in the Progressive Age, June 15, 1899.

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	39,524	$608,410,892	44,125	349,172	$154,194,618	$69,807,179	$448,574,587	$109,646,052	$309,842,856	$29,085,679	$834,834,666
Hand trades[1]	13,696	17,648,395	15,724	29,758	13,959,714	5,484,810	24,053,373	551,734	22,943,027	558,612	58,948,854
Governmental establishments	2	116,779	--------	455	65,509	574	38,698	----------	38,428	270	225,583
Educational, eleemosynary, and penal institutions	25	595,455	--------	928	72,972	8,904	191,649	7,673	170,808	13,168	413,488
Establishments with a product of less than $500	7,099	1,906,392	7,501	1,920	100,807	129,495	494,563	46,644	444,714	3,205	1,757,482
All other establishments	18,702	588,143,871	20,900	316,116	139,995,616	64,243,896	423,796,304	109,040,001	286,245,879	28,510,424	773,489,259

[1] Includes bicycle and tricycle repairing, 377; blacksmithing and wheelwrighting, 3,585; boots and shoes, custom work and repairing, 1,461; carpentering, 1,135; clothing, men's, custom work and repairing, 1,543; clothing, women's, dressmaking, 767; dyeing and cleaning, 132; furniture, cabinetmaking, repairing, and upholstering, 303; lock and gun smithing, 105; masonry, brick and stone, 441; millinery, custom work, 1,231; painting, house, sign, etc., 887; paper hanging, 147; plastering and stuccowork, 207; plumbing, and gas and steam fitting, 612; sewing machine repairing, 20; taxidermy, 5; typewriter repairing, 2; watch, clock, and jewelry repairing, 736.

Of the 39,524 establishments of all classes shown in this table, 20,795, or 52.6 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 $60,706,336, or only 7.3 per cent of the total value of the products of the state.

In addition to the 39,524 active establishments in the state during the census year, with a capital of $608,410,892, shown in Table 2, there were 226 idle establishments, with a capital of $5,163,185 divided as follows:

INDUSTRIES.	Number of idle establishments.	Capital.	INDUSTRIES.	Number of idle establishments.	Capital.
Boots and shoes, factory product	3	$84,600	Lime and cement	4	$18,530
Brick and tile	35	261,526	Liquors, distilled	4	30,875
Cars, steam railroad, not including operations of railroad companies	1	8,000	Lumber and timber products	24	33,650
Cheese, butter, and condensed milk, factory product	11	24,150	Lumber, planing mill products, including sash, doors, and blinds	5	18,550
Cooperage	3	19,600	Oil, linseed	2	10,000
Flouring and grist mill products	26	156,975	Paints	1	20,000
Foundry and machine shop products	11	122,420	Paper and wood pulp	2	259,666
Furniture, factory product	3	803,022	Petroleum, refining	1	65,000
Glass	8	308,018	Pottery, terra cotta, and fire-clay products	14	332,052
Hosiery and knit goods	3	68,091	Saws	1	60,527
Iron and steel	8	1,597,700	Starch	1	400,000
Iron and steel, nails and spikes, cut and wrought, including wire nails	3	122,100	Wire	1	220,000
Leather, tanned, curried, and finished	3	14,450	Woolen goods	6	33,300
			All other industries	42	70,383

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

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Total for selected industries for state	1900	9,557	$403,595,111	213,545	$97,643,723	$49,123,782	$304,933,555	$547,619,814
	1890	7,997	268,343,244	169,057	75,758,352	32,722,824	226,390,580	402,134,891
Increase, 1890 to 1900		1,560	135,251,867	44,488	21,885,371	16,400,958	78,542,975	145,484,923
Per cent of increase		19.5	50.4	26.3	28.9	50.1	34.7	36.2
Per cent of total of all industries in state	1900	29.5	66.6	61.7	63.4	70.4	68.1	65.8
	1890	27.9	66.6	57.7	59.0	72.6	66.4	62.7
Agricultural implements	1900	78	23,628,442	6,852	3,271,163	1,483,605	6,059,515	13,975,268
	1890	106	29,399,930	7,701	3,368,475	2,008,481	5,654,360	14,333,258
Boots and shoes, factory product	1900	81	7,549,142	12,718	3,989,744	637,537	11,074,008	17,920,854
	1890	63	3,176,318	5,743	2,303,393	257,369	4,480,206	8,489,728
Carriage and wagon materials	1900	109	5,251,795	4,529	1,730,022	347,458	4,027,295	7,186,271
	1890	99	3,350,304	2,697	1,115,362	215,794	1,745,662	4,310,607
Carriages and wagons	1900	548	12,158,302	7,274	3,360,550	813,400	8,262,052	15,919,178
	1890	709	13,952,571	9,493	4,509,960	1,060,056	9,432,677	18,777,866
Cars and general shop construction and repairs by steam railroad companies.	1900	91	5,701,129	11,534	6,087,052	391,581	5,963,808	12,975,182
	1890	64	3,907,278	7,397	3,968,797	----------	3,930,052	8,096,905
Clothing, men's, factory product	1900	539	10,732,010	6,521	2,143,619	2,044,440	9,112,231	16,593,824
	1890	508	13,106,296	15,210	3,567,738	1,034,007	9,936,196	20,604,184
Clothing, women's, factory product	1900	126	2,865,851	4,817	1,518,355	467,188	4,449,451	7,772,771
	1890	31	2,056,455	2,546	911,171	119,790	2,282,025	4,352,098
Coffee and spice, roasting and grinding	1900	26	2,375,838	678	229,703	128,733	4,708,855	5,849,044
	1890	32	1,417,728	488	211,233	77,913	6,540,452	7,806,763
Electrical apparatus and supplies	1900	64	7,036,103	3,773	1,502,270	568,201	3,338,978	6,504,847
	1890	11	694,255	348	212,262	38,526	144,354	604,780
Flouring and grist mill products	1900	1,150	12,531,150	2,438	1,220,398	626,642	31,826,750	37,390,367
	1890	910	13,472,455	3,311	1,389,707	908,517	33,418,856	39,468,409
Food preparations	1900	31	5,185,405	1,100	365,950	390,651	5,353,560	7,166,532
	1890	35	384,145	270	76,463	38,945	613,184	1,029,842
Foundry and machine shop products	1900	861	68,766,347	41,799	20,563,268	4,806,682	31,578,934	72,399,632
	1890	600	32,589,798	24,795	13,050,969	2,633,738	19,332,307	48,617,072
Furniture, factory product	1900	165	9,585,848	6,723	2,621,895	562,295	4,042,083	9,514,764
	1890	215	8,144,977	7,076	3,122,807	566,903	3,750,742	9,988,129
Glass	1900	28	5,451,513	4,546	2,067,384	155,512	1,253,164	4,547,083
	1890	59	4,094,677	6,435	2,901,255	294,744	1,602,599	5,649,182
Iron and steel	1900	107	85,528,552	33,677	19,730,469	4,400,859	91,329,307	138,935,256
	1890	101	36,173,387	23,546	13,262,141	2,293,068	44,551,301	65,206,828
Leather, tanned, curried, and finished	1900	58	5,822,580	1,384	617,409	160,315	3,774,298	5,182,065
	1890	113	4,380,015	1,447	708,332	193,210	5,134,248	6,701,670
Liquors: Total	1900	190	31,444,509	3,978	2,539,972	17,796,541	6,145,198	31,771,591
	1890	179	24,591,010	3,666	2,490,340	12,642,274	8,054,866	28,484,290
Liquors, distilled	1900	26	3,000,277	335	179,157	9,622,583	1,438,507	12,447,268
	1890	15	2,109,879	426	224,222	8,745,108	2,535,016	12,033,884
Liquors, malt	1900	112	26,822,396	3,464	2,292,652	8,104,240	4,277,812	18,522,639
	1890	106	21,491,924	3,117	2,224,351	3,826,311	5,272,894	15,899,629
Liquors, vinous	1900	52	1,621,836	179	68,163	69,718	428,879	801,684
	1890	58	989,207	123	41,767	70,855	246,956	550,777
Lumber and timber products	1900	2,054	13,741,418	8,539	3,298,668	508,562	11,296,045	20,790,854
	1890	1,461	11,806,709	11,727	3,143,494	636,950	7,621,133	15,279,843
Lumber, planing mill products, including sash, doors, and blinds	1900	351	7,498,314	4,696	2,169,264	468,548	6,549,648	11,066,671
	1890	335	7,908,742	5,356	2,733,047	426,367	7,685,188	12,910,538

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

INDUSTRIES.	Year.	Number of establishments.	Capital.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
Paper and wood pulp	1900	51	$7,872,913	3,184	$1,118,040	$479,386	$3,768,572	$6,543,513
	1890	50	7,581,536	2,921	1,153,625	513,037	3,991,377	7,209,750
Petroleum, refining	1900	9	10,912,818	1,008	551,692	620,061	6,177,048	8,396,977
	1890	15	15,871,138	1,976	1,017,861	590,858	12,517,255	16,343,493
Pottery, terra cotta, and fire-clay products	1900	248	15,563,969	11,870	5,000,846	691,591	3,229,385	11,851,225
	1890	125	5,927,139	4,606	2,055,702	459,333	1,313,280	5,047,501
Printing and publishing: Total	1900	1,253	17,851,109	11,021	5,313,707	2,691,366	5,656,367	20,391,863
	1890	987	11,634,222	9,026	4,436,561	2,095,626	5,244,793	17,188,851
Book and job	1900	410	6,330,456	4,613	2,171,241	823,070	2,749,600	7,941,570
	1890	257	3,704,513	3,018	1,392,017	337,296	2,818,018	6,086,891
Music	1900	6	192,788	48	22,870	135,000	23,761	260,658
	1890	6	191,620	17	7,954	76,650	21,968	173,450
Newspapers and periodicals	1900	837	11,327,865	6,360	3,119,596	1,733,296	2,883,006	12,189,640
	1890	724	7,738,089	5,991	3,036,590	1,681,680	2,404,807	10,928,510
Rubber and elastic goods	1900	19	5,989,129	3,505	1,281,038	305,446	4,757,204	7,330,104
	1890	7	1,162,512	658	240,736	89,504	1,002,772	1,436,777
Slaughtering: Total	1900	71	5,355,626	1,765	811,398	639,008	17,927,953	20,660,780
	1890	138	3,582,540	1,346	682,581	234,983	14,341,520	17,012,198
Slaughtering and meat packing, wholesale	1900	60	5,224,226	1,700	775,288	619,628	17,006,794	19,609,304
	1890	70	3,100,425	1,168	591,898	193,933	11,269,900	13,280,649
Slaughtering, wholesale, not including meat packing	1900	11	131,400	65	36,110	19,380	921,159	1,051,476
	1890	68	482,115	178	90,683	41,050	3,071,620	3,731,549
Soap and candles	1900	55	7,655,594	1,427	572,301	1,182,185	5,049,219	8,150,069
	1890	49	2,404,544	1,013	360,339	188,188	4,081,984	5,746,660
Tobacco: Total	1900	1,196	9,539,705	12,189	3,958,546	5,755,984	8,222,627	20,832,629
	1890	995	5,572,563	8,259	2,764,001	3,104,643	7,987,891	16,387,719
Chewing, smoking, and snuff	1900	19	2,081,858	1,087	389,881	3,001,133	1,917,219	5,752,853
	1890	20	2,105,848	1,870	549,110	1,936,909	2,925,371	5,991,177
Cigars and cigarettes	1900	1,129	4,579,159	9,046	3,016,072	2,613,678	3,717,825	11,239,824
	1890	937	2,729,275	5,682	1,973,389	1,131,702	2,447,042	7,024,748
Stemming and rehandling	1900	48	2,878,688	2,056	552,593	141,173	2,587,583	3,839,952
	1890	38	737,440	707	241,502	36,032	2,615,478	3,371,794

The 27 leading industries of the state in 1900, as shown in Table 3, embraced 9,557 establishments, or 29.5 per cent of the total number in the state; used a capital of $403,595,111, or 66.6 per cent of the total; gave employment to 213,545 wage-earners, or 61.7 per cent of the total number; and paid $97,648,723, or 63.4 per cent of the total wages. The value of their products was $547,619,814, or 65.8 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 iron and steel is the most important industry in the state. The 107 establishments reported in 1900 gave employment to 33,677 wage-earners, or 9.7 per cent of the wage-earners employed in the state, and the products were valued at $138,935,256, or 16.7 per cent of the total value of the products of the state. In 1890 there were 101 establishments, 23,546 wage-earners, and products valued at $65,206,828. The increase in the value of products during the decade was $73,728,428, or 113.1 per cent.

In the manufacture of iron and steel, Ohio has always led all states west of the Allegheny Mountains. It ranked next to New York and Pennsylvania in 1850, and since 1870 has held the second place, ranking next to Pennsylvania. There were 43 blast furnaces in operation in 1900, with products valued at $40,366,637, and 64 rolling mills and steel works, with products valued at $98,568,619. The iron ore production of Ohio in 1899 was comparatively small, amounting to 53,221 long tons,[1] or but 1.2 per cent of the iron ore used in the furnaces of the state during the census year. The coal production, on the contrary, was large, amounting to 16,500,270 short tons.[2] But as only a small amount of the coal mined in the state is made into coke,[3] the blast furnaces are supplied with their most important fuel chiefly by Pennsylvania and West Virginia. Natural gas is used in a few of the rolling mills and steel works.

The manufacture of iron and steel in 1900 was carried on chiefly in the eastern and northeastern parts of the state—Youngstown, Cleveland, Lorain, Bellaire, Mingo Junction, Niles, Steubenville, and Canal Dover turning out products valued at $88,731,725, or 63.9 per cent of the total for the state. Columbus, in the central part of the state, and Ironton, in the southern part, are also important centers. Furnaces in these districts use some local coal, and in some cases use local ores entirely. In general, however, the localization of the industry shows little relation to the deposits of iron and coal in Ohio, being rather a result of the accessibility of the eastern and northeastern parts of

[1] United States Geological Survey: Mineral Resources, 1899, Metallic Products, Coal, and Coke, page 34.
[2] Ibid., page 479.
[3] Ibid., page 588.

the state to the Connellsville, Pa., and West Virginia coke, and to the Lake Superior iron ore. None of the principal consuming points in other states, except Pittsburg and the Shenango Valley in Pennsylvania, receive Connellsville coke so cheaply,[1] and none of the eastern iron centers are as favorably located in relation to the Lake Superior mines. In the early years of the century, the industry was dependent chiefly upon local deposits of bog and other iron ores, and upon the supply of wood for the manufacture of charcoal. The first furnace in Ohio was established in 1804 on Yellow Creek, in the Mahoning Valley, near Youngstown, which in 1900 was the leading city in the state in the iron and steel industry.[2] On the Lake Erie shore the industry probably dates from 1825, when a furnace was operated in the present county of Lake, east of Cleveland. Furnaces multiplied rapidly in this section during the next twelve years, but declined with the exhaustion of the forests which supplied the charcoal used as fuel. In those early years the most important center for the industry was the celebrated Hanging Rock district, in the south central part of the state, bordering upon the Ohio River. In 1832 a furnace, located in this district, shipped pig iron to New York by way of New Orleans "at a fair profit," and had exported a small amount on order to England.[3] Of the 35,236 tons of iron produced in the state in 1840, 20,574 tons were from the furnaces of Lawrence county, in this district. The first furnace in Ohio to use bituminous coal was built expressly for the purpose in Mahoning county, in 1846, and from that time coal furnaces increased rapidly. At a later date coke became the principal fuel. The state exempted from payment of toll on the canals all fuel to be used in iron works.[4]

Closely allied to the iron and steel manufacture is the manufacture of tin and terne plate, in which industry Ohio ranked third in 1900. There were 12 establishments in operation having products valued at $6,023,314. This manufacture was not shown separately in 1890, and for this reason its statistics for 1900 are shown only in Table 7.

The manufacture of foundry and machine shop products ranked second among the industries of the state in 1900, with 861 establishments, 41,799 wage-earners, and products valued at $72,399,632. In 1890 there were 600 establishments, 24,795 wage-earners, and products valued at $43,617,072. The increase in the value of products during the decade was $28,782,560, or 66 per cent. These products included engines, boilers, and machinery of many varieties. The industry is carried on extensively in all the leading cities of the state, but Cleveland and Cincinnati, in the order named, are the most important centers. In 1900 Ohio led all other states in the manufacture of metal-working machinery, and ranked third in the manufacture of pumping machinery. The manufacture of machine tools and wood-working machinery is made a specialty at Cincinnati; mining machines are made at Akron and Columbus, and machine tools at Hamilton. Machinery, stoves, and machine tools are exported.[5] The manufacture of foundry and machine shop products has always been one of the most important in the state, ranking second in 1850 as well as in 1900. In the early years of the century it was confined very largely to the city of Cincinnati, being favored in that locality by cheap water communication with the coal fields of Pennsylvania, West Virginia, and southern Ohio, and by the facilities for receiving pig and other crude iron from the Pittsburg district. The states of the Mississippi Valley have always constituted the principal market for Ohio machinery. A shop for the manufacture of cotton and woolen machinery was built at Cincinnati in 1809.[6] Steam navigation on the Ohio and Mississippi rivers created a demand for steamboats and steam engines, which was the chief cause of the great prosperity this city enjoyed between the years 1820 and 1832. In 1835 its foundries and machine shops manufactured 100 steam engines, 240 cotton gins, 20 sugar mills, and 22 boilers.[7] Between 1831 and 1841, 1,500 plantation cotton-spinning machines were sent to the South from a single machine shop at Cincinnati.[8] In 1851 there were 44 foundries and machine shops in that city. One-third of these manufactured stoves almost exclusively, as many as 1,000 stoves being produced in a single day.[9] The first steam fire engines put into regular service in the United States were built at Cincinnati in 1853.[10]

There were 1,150 establishments engaged in 1900 in the manufacture of flouring and grist mill products, the industry third in rank, with 2,438 wage-earners, and products valued at $37,390,367. In 1890 there were 910 establishments, 3,311 wage-earners, and products valued at $39,468,409. The decrease in the value of products during the decade was $2,078,042, or 5.3 per cent. Ohio ranked third in the United States in this industry in 1900. The most important of the products was wheat flour, valued at $26,060,827. The mills were widely scattered over the state, the greatest value of products being shown for Lucas county, which includes the city of Toledo. Ohio is the easternmost state in the corn belt. It produced 99,048,816 bushels of corn in 1899, and 39,998,006 bushels of wheat, ranking seventh in the former and third in the latter.[11] Flour and grist milling is one of the oldest industries in Ohio, flour having been sent to New Orleans as early as 1803.[12] In 1814 a nine-storied steam flour mill, famous in its day, was built at Cincinnati. In 1815

[1] Treasury Department: Monthly Summary of Commerce and Finance for January, 1901, page 1699.

[2] Tenth Census of the United States, Manufactures, folio 838 ff.

[3] Documents Relative to Manufactures in the United States in 1832, Twenty-second Congress, first session, Executive Document No. 308, part 2, pages 861 and 866.

[4] Hunt's Merchants' Magazine, vol. 25, page 126.

[5] Report of the Cincinnati Chamber of Commerce, 1900, page 107.

[6] A Picture of Cincinnati, 1815, by Daniel Drake, page 143.

[7] Western Monthly Magazine, January, 1836, page 27.

[8] Cincinnati in 1841, by Charles Cist, page 250.

[9] Cincinnati in 1851, by Charles Cist, page 192.

[10] One Hundred Years of American Commerce, Vol. II. page 345.

[11] Yearbook of the Department of Agriculture, 1899, pages 765 and 766.

[12] The Journal of a Tour, supra cit., page 146.

large quantities of Indian meal were exported to the West Indies.[1] In 1817 the first warehouse in Toledo for the receipt of grain was built, and in 1838 grain supplies began to reach that city from southern Michigan. In the same year a crude horsepower corn elevator was built, the first, it is claimed, to be constructed in the West.[2] The completion of the Wabash Canal in 1851, and of the Toledo, Wabash, and Western Railroad in 1856, diverted to Toledo the greater part of the traffic of central Indiana and Illinois, at that time the most productive region of the West.[3] In 1899 Toledo stood sixth in rank in grain receipts, and fourth in rank in corn receipts, among the primary grain markets of the United States.[4]

There were 190 establishments engaged in the manufacture of liquors in 1900, with 3,978 wage-earners, and products valued at $31,771,591. In 1890 there were 179 establishments, 3,666 wage-earners, and products valued at $28,484,290. The increase in the value of products during the decade was $3,287,301, or 11.5 per cent. These products included, in 1900, malt liquors valued at $18,522,639, distilled liquors valued at $12,447,268, and vinous liquors valued at $801,684.

The relative importance of the production of malt and distilled liquors has been reversed during the last half century. In 1850 the production of distilled liquors was valued at $3,040,604, and the production of malt liquors at only $528,998. The distribution of the malt liquor industry in 1900 corresponded approximately to the distribution of population. The distillation of liquors in the state has always been greatest at Cincinnati, where it is favored by the large corn production of Ohio, Kentucky, and Indiana. Ohio ranked third in this industry in 1900, the distilled liquors produced in Cincinnati being valued at $9,419,687, or 75.7 per cent of the total for the state. The industry was carried on in Ohio at least as early as 1803, when whiskey was sent from Cincinnati to New Orleans.[5] At the census of 1810, distilleries were reported in each of the 36 counties of the state, producing in all, 1,212,266 gallons of whiskey. Several of the largest distilleries in the world are located at Cincinnati, and some of the whiskey produced is exported.[6]

The cultivation of Catawba grapes and the manufacture of wine were begun in the Ohio Valley about the year 1825.[7] In 1851 there were 40 manufacturers of wine in the city of Cincinnati. About the year 1858 the climate of southern Ohio became unfavorable to the culture of grapes, and grape growing and wine manufacturing have localized recently in the counties along the shore of Lake Erie, the most important centers being near Kelleys and Put In Bay islands, where there are 6,000 acres of vineyards. In 1900 Ohio ranked third in the United States in this branch of the industry.

There were 1,196 establishments engaged in the manufacture of tobacco in 1900, with 12,180 wage-earners, and products valued at $20,832,629. In 1890 there were 995 establishments, 8,259 wage-earners, and products valued at $16,387,719. The increase in the value of products during the decade was $4,444,910, or 27.1 per cent. In 1900 the products included chewing and smoking tobacco and snuff, valued at $5,752,853; cigars and cigarettes, valued at $11,239,824; and stemmed and rehandled tobacco, valued at $3,839,952. The manufacture is carried on most largely at Cincinnati. The southwestern part of Ohio and the north central part of Kentucky, immediately opposite, constitute one of the largest tobacco-growing regions in the United States. Tobacco manufacturing was probably carried on in Ohio before the year 1810, a tobacconist having reported in 1832 that he had been manufacturing at Cincinnati by steam power for five years, and by horsepower for twenty years previously.[8]

There were 2,054 establishments engaged in the manufacture of lumber and timber products in 1900, with 8,539 wage-earners, and products valued at $20,790,854. In 1890 there were 1,461 establishments, 11,727 wage-earners, and products valued at $15,279,843. The increase in the value of products during the decade was $5,511,011, or 36.1 per cent. The characteristic product of the Ohio mills is hard-wood lumber, more than half of which consists of white oak. The small quantities of white and Norway pine lumber manufactured in the state were reported from points along the Lake Erie shore, particularly from Cleveland and Toledo. Cincinnati was the point of greatest production in the state during the census year, the 6 mills reported turning out products, consisting mainly of oak and poplar lumber and veneers, valued at $2,044,650. The total quantity of lumber sawed in the state during the census year was 990,497,000 feet, board measure. The industry was naturally one of the earliest in the history of the state, and its growth has been steady during the half century. Lumber and staves were sent to New Orleans as early as 1803,[5] and in 1815 a steam sawmill was in operation at Cincinnati.[9]

There were 71 establishments engaged in slaughtering and meat packing in 1900, with 1,765 wage-earners, and products valued at $20,660,780. In 1890 there were 138 establishments, 1,346 wage-earners, and products valued at $17,012,198. The increase in the value of products during the decade was $3,648,582, or 21.4 per cent. Cincinnati has always been the chief center of this industry. In 1900 the production of this city was valued at $10,370,177, or 50.2 per cent of the total for the state, Cleveland ranking second, with products valued at $7,514,470. The earliest packing houses were flat boats on the Ohio River,

[1] A Picture of Cincinnati, 1815, pages 137 and 148.
[2] History of the City of Toledo, and Lucas County, Ohio, by Clark Waggoner, pages 464 and 466.
[3] History of the Maumee Valley, by H. S. Knapp, pages 623 and 624.
[4] Treasury Department: Monthly Summary of Commerce and Finance for January, 1901, page 1642.
[5] The Journal of a Tour, supra cit., page 146.
[6] Report of the Cincinnati Chamber of Commerce, 1900, page 107.
[7] Ohio, by Rufus King, pages 415 to 417.
[8] Documents Relative to Manufactures, supra cit., page 870.
[9] History of Cincinnati, compiled by Henry A. Ford and Mrs Kate B. Ford, page 325.

and in 1803 beef and pork were shipped from Cincinnati to New Orleans.[1] The pioneer establishment of the western packing industry, as now understood, was founded at Cincinnati in 1818, by Elisha Mills.[2] In 1833, 85,000 hogs were packed for the market, and in 1851 the number had increased to 324,529. Between 1842 and 1852 Cincinnati packed 27 per cent of the hogs packed in the United States, and was the first city to receive the sobriquet of Porkopolis on this account. Its preeminence was due to its shipping facilities and to its location close to the junction of Ohio, Kentucky, and Indiana, the three largest hog-raising states in the United States at that time.[3] Since 1861 the center of corn production has moved westward, and Chicago, Kansas City, and Omaha have taken from Cincinnati its early precedence in this industry. Prior to 1872 meat packing in Cincinnati was confined to the winter months. In that year, by means of artificial refrigeration, summer packing was made possible, and the inevitable decline in the industry at Cincinnati was delayed until 1879.

Closely allied to slaughtering and meat packing is the manufacture of soap and candles. There were 55 establishments engaged in this manufacture in 1900, with 1,427 wage-earners, and products valued at $8,150,069. In 1890 there were 49 establishments, 1,013 wage-earners, and products valued at $5,746,660. The increase in the value of products during the decade was $2,403,409, or 41.8 per cent. Over 2,500,000 pounds of candles and over 15,000,000 pounds of soap were made at Cincinnati in 1851.[4]

There were 1,253 establishments engaged in printing and publishing in 1900, with 11,021 wage-earners, and products valued at $20,391,868. In 1890 there were 987 establishments, 9,026 wage-earners, and products valued at $17,188,851. The increase in the value of products during the decade was $3,203,017, or 18.6 per cent. These products included the printing and publishing of newspapers and periodicals, valued at $12,189,640; book and job printing, valued at $7,941,570; and the printing and publishing of music, valued at $260,658. This industry is centered largely in the city of Cincinnati, which has for a long time taken high rank in the publishing of school books and music. A newspaper was published at Cincinnati as early as 1793.[5]

There were 81 establishments engaged in the factory manufacture of boots and shoes in 1900, with 12,718 wage-earners, and products valued at $17,920,854. In 1890 there were 63 establishments, 5,743 wage-earners, and products valued at $8,489,728. The increase in the value of products during the decade was $9,431,126, or 111.1 per cent. These products included women's shoes valued at $12,096,360, and misses' and children's shoes valued at $3,272,732. Ohio has always been the largest boot and shoe manufacturing state west of the Allegheny Mountains, ranking fourth in this industry in 1900. In 1851 there were 5 shoe factories in Cincinnati,[6] and in 1900 this city ranked third in the United States in the manufacture of women's and children's shoes. Columbus and Portsmouth were also important centers. The industry is favored by the large western market and by the local production of leather.

There were 539 establishments engaged in the factory manufacture of men's clothing in 1900, with 6,521 wage-earners, and products valued at $16,593,824. In 1890 there were 508 establishments, 15,210 wage-earners, and products valued at $20,604,134. The decrease in the value of products during the decade was $4,010,310, or 19.5 per cent. Allied to this industry is the factory manufacture of women's clothing, with 126 establishments in 1900, 4,817 wage-earners, and products valued at $7,772,771. In 1890 there were 31 establishments, 2,546 wage-earners, and products valued at $4,352,098. The increase in the value of products during the decade was $3,420,673, or 78.6 per cent. The greater part of the clothing manufacture of Ohio has always been carried on in Cincinnati. In 1832 a tailor in that city employed 6 men and 8 women, and had begun to make clothing for the outside market.[7] The factory manufacture of men's clothing advanced rapidly until 1880; there was only a slight gain during the next decade, and a decline between 1890 and 1900. In addition to the 813 wage-earners employed in the shops of Cincinnati in 1841, nearly 4,000 women were engaged in this industry at their homes.[8] The products of these factories found a market in all the states of the South and West. In 1894 much of the manufacturing was still carried on at the homes of the workers in Cincinnati and the neighboring towns, and in the cities of Covington and Newport in Kentucky.[9] The factory manufacture of women's clothing has developed recently, alongside the factory manufacture of men's clothing, and its advance has been continuous. In 1900 the value of products in Cleveland was $4,213,248, compared with $2,074,805 in Cincinnati.

There were 543 establishments engaged in the manufacture of carriages and wagons in 1900, with 7,274 wage-earners, and products valued at $15,919,173. In 1890 there were 709 establishments, 9,493 wage-earners, and products valued at $18,777,866. The decrease in the value of products during the decade was $2,858,693, or 15.2 per cent. These products included family and pleasure carriages valued at $11,271,303, business and farm wagons valued at $2,576,867, and automobiles and other horseless conveyances valued at $147,000. Ohio ranked first in this industry in 1900.

Closely allied to the manufacture of carriages and wagons

[1] The Journal of a Tour, supra cit., page 146.
[2] Philip D. Armour, in One Hundred Years of American Commerce, Vol. II, page 383 ff.
[3] Hunt's Merchants' Magazine, vol. 25, page 432.
[4] Cincinnati in 1851, page 285.
[5] Tenth Census of the United States, Vol. VIII, The Newspaper and Periodical Press, page 314.
[6] Cincinnati in 1851, page 176.
[7] Documents Relative to Manufactures, supra cit., page 870.
[8] Cincinnati in 1841, page 57.
[9] Report of the Ohio Bureau of Labor Statistics, 1894, page 57 ff.

is the manufacture of carriage and wagon materials. There were 109 establishments engaged in this industry in 1900, with 4,529 wage-earners, and products valued at $7,186,271. In 1890 there were 99 establishments, 2,697 wage-earners, and products valued at $4,310,607. The increase in the value of products during the decade was $2,875,664, or 66.7 per cent. These products included carriage and wagon bodies, wheels, spokes, and other parts. These two branches of the industry were carried on most extensively at Cincinnati and Columbus, lighter vehicles being made a specialty. Their importance is due in a large measure to the abundance of hard-wood timber and leather. Carriage manufacturing was one of the early industries of Cincinnati. It is recorded that the first steel-spring gig ever seen in that city was manufactured there in 1825.[1] In 1851, 24 factories were in operation in Cincinnati.[2]

There were 78 establishments engaged in the manufacture of agricultural implements in 1900, with 6,852 wage-earners, and products valued at $13,975,268. In 1890 there were 106 establishments, 7,701 wage-earners, and products valued at $14,333,258. The decrease in the value of products during the decade was $357,990, or 2.5 per cent. Ohio ranked first in this industry in 1880, and second in 1890 and 1900. Plow making was carried on in a crude manner in Cincinnati as early as 1813,[1] and in 1832 an establishment in Columbus manufactured 1,500 plows per annum.[3] The preeminence of the state in agriculture created an extensive market in the middle of the century, while the forests of hard wood and the local or nearby manufactures of iron furnished abundant supplies of the chief materials. What has grown to be one of the largest factories of its kind in the United States was established at Springfield in 1854. Important centers in 1900 were Springfield, Dayton, Canton, and Akron. Each year whole train loads of these products leave Springfield for the West and Northwest, and for Eastern ports to be shipped to Russia, Australia, and other grain-growing countries.

There were 91 establishments engaged in car construction and general shop work of steam railroad companies in 1900, with 11,534 wage-earners, and products valued at $12,975,182. In 1890 there were 64 establishments, 7,397 wage-earners, and products valued at $8,096,905. The increase in the value of products during the decade was $4,878,277, or 60.2 per cent. The industry is centered in the cities of Columbus, Cleveland, Dennison, and Toledo. In addition to repairing, which constituted the greater part of the work of these establishments, 9 passenger cars and 1,334 freight cars were built during the census year.

There were 248 establishments engaged in the manufacture of pottery, terra cotta, and fire-clay products in 1900, with 11,870 wage-earners, and products valued at $11,851,225. In 1890 there were 125 establishments, 4,606 wage-earners, and products valued at $5,047,501. The increase in the value of products during the decade was $6,803,724, or 134.8 per cent. The pottery products were valued at $6,994,805, and the terra cotta, fire and other clay products at $4,843,615. Ohio rose from second to first rank in this industry between 1890 and 1900. In the latter year the total value of its pottery, terra cotta, and fire-clay products constituted 26.8 per cent of the total for the United States. The rank of Ohio in this industry is due very largely to the development of its extensive deposits of suitable clays.[4] The value of special technical training in this line is appreciated, and a department of ceramics was established in the State University at Columbus in 1894.[5]

The manufacture of white ware, the most important of the several branches of the industry, is carried on chiefly in the city of East Liverpool, on the Ohio River, in the eastern part of the state. This city is unique in the United States in that its industrial activity is confined almost entirely to the manufacture of pottery. Of the 4,473 wage-earners employed in all industries in this city in 1900, 3,908, or 87.4 per cent, were employed in the pottery manufacture. The manufacture of yellow ware has been carried on at this point since 1839, but the manufacture of white ware, begun in 1872, has become the more important branch of the industry. In 1900 the white granite ware and semivitreous porcelain manufactured in East Liverpool were valued at $2,808,445, or 49.1 per cent of the total for the United States. The manufacture of white ware does not have the advantages of suitable clays near at hand, the kaolin and other fine clays used for the manufacture of china and porcelain being brought from a considerable distance. The remarkable development of the manufacture in East Liverpool, between 1872 and 1892, was due chiefly to the supply of specially skilled labor which had been attracted to that point from English pottery centers, in order to engage in the manufacture of coarser wares.

Zanesville, Roseville, and Akron have always been important centers for the manufacture of yellow and earthen ware, the industry in the early years of the century being carried on chiefly by farmers, who made use of the clays found in abundance on their lands. Products were sent down the Muskingum to markets on the Ohio River, and even to New Orleans. In recent years, however, the farmer-potter has been driven from the field by the concentration which has followed the introduction of improved machinery. Art tiling is manufactured extensively at Zanesville, and since 1880 Cincinnati has been an important center for the manufacture of art pottery. Ohio manufactures more than one-third of the sewer pipe made in the United States. There are large factories at and near Akron, and for many miles along the Ohio River. The manufacture was begun in the state in 1848, and considerable quantities of pipe are exported.

Allied to the manufacture of pottery is the manufacture of brick and tile, the statistics of which are shown in

[1] History of Cincinnati, page 324.
[2] Cincinnati in 1851, page 183.
[3] Documents Relative to Manufactures, supra cit., page 862.
[4] Report of the Geological Survey of Ohio, Vol. V, page 643 ff.
[5] Report of the Ohio Bureau of Labor Statistics, 1895, page 9 ff.

Table 7. The products for the year 1900 were valued at $4,629,587. This industry is carried on in Ohio, not chiefly for the supply of local building needs, as in most other states, but for the general market. Vitrified paving brick is made in large quantities at Zanesville and Canton and sent into many other states. Pressed brick is also an important product in Zanesville. The first pressed brick manufactured west of the Ohio River was made in that city in 1861.

There were 354 establishments engaged in the manufacture of planing mill products in 1900, with 4,696 wage-earners, and products valued at $11,066,671. In 1890 there were 335 establishments, 5,356 wage-earners, and products valued at $12,910,538. The decrease in the value of products during the decade was $1,843,867, or 14.3 per cent.

There were 165 establishments engaged in the factory manufacture of furniture in 1900, with 6,723 wage-earners, and products valued at $9,514,764. In 1890 there were 215 establishments, 7,076 wage-earners, and products valued at $9,988,129. The decrease in the value of products during the decade was $473,365, or 4.7 per cent. This industry began at an early date in Ohio, the manufacture of desks, escritoires, and veneered tables being advertised in a local newspaper in 1800, and in 1815 mahogany was brought from Central America to be manufactured into tables, chairs, and bureaus at Cincinnati.[1] The manufacture was carried on largely during the census year at Cincinnati and Cleveland. The first-named city is an important market for the hard-wood lumber of Kentucky, Tennessee, and West Virginia, and the furniture manufactured is shipped throughout the middle West, and exported.[2]

There were 9 establishments engaged in the refining of petroleum in 1900, with 1,008 wage-earners, and products valued at $8,396,977. In 1890 there were 15 establishments, 1,976 wage-earners, and products valued at $16,343,493. The decrease in the value of products during the decade was $7,946,516, or 48.6 per cent. In 1899 the wells of Ohio produced more petroleum than those of any other state, the greater part of which was shipped, or piped, to refineries in other states.[3] In 1900 Ohio ranked fifth in the refining industry, Lima, Cleveland, and Toledo being the principal centers.

There were 19 establishments engaged in the manufacture of rubber and elastic goods in 1900, with 3,505 wage-earners, and products valued at $7,330,104. In 1890 there were 7 establishments, 658 wage-earners, and products valued at $1,486,777. The increase in the value of products during the decade was $5,843,327, or 393 per cent. Rubber and elastic goods valued at $5,524,074, or 75.4 per cent of the total for the state, were reported for Akron, this city being one of the most important centers of the industry in the United States.

There were 31 establishments engaged in the manufacture of food preparations in 1900, with 1,100 wage-earners, and products valued at $7,166,532. In 1890 there were 35 establishments, 270 wage-earners, and products valued at $1,029,842. The increase in the value of products during the decade was $6,136,690, or 595.9 per cent.

There were 51 establishments engaged in the manufacture of paper and wood pulp in 1900, with 3,184 wage-earners, and products valued at $6,543,513. In 1890 there were 50 establishments, 2,921 wage-earners, and products valued at $7,209,750. The decrease in the value of products during the decade was $666,237, or 9.2 per cent. These products included manila paper valued at $1,368,700, book paper valued at $942,642, and strawboard valued at $800,038. The industry is carried on largely in Butler, Montgomery, and Warren counties. The first mill in Ohio was built in 1805 on Little Beaver Creek, in the eastern part of the state,[4] and in 1832 there were 8 paper factories in operation at and above Cincinnati, for the supply of the book and news printing industry of that city.[5]

There were 64 establishments engaged in the manufacture of electrical apparatus and supplies in 1900, with 3,773 wage-earners, and products valued at $6,504,847. In 1890 there were 11 establishments, 348 wage-earners, and products valued at $604,780. The increase in the value of products during the decade was $5,900,067, or 975.6 per cent. One of the largest plants in the world for the manufacture of carbon points for arc lights is located at Cleveland.[6]

There were 26 establishments engaged in the roasting and grinding of coffee and spice in 1900, with 678 wage-earners, and products valued at $5,849,644. In 1890 there were 32 establishments, 488 wage-earners, and products valued at $7,806,763. The decrease in the value of products during the decade was $1,957,119, or 25.1 per cent.

There were 58 establishments engaged in the tanning, currying, and finishing of leather in 1900, with 1,384 wage-earners, and products valued at $5,182,065. In 1890 there were 113 establishments, 1,447 wage-earners, and products valued at $6,701,670. The decrease in the value of products during the decade was $1,519,605, or 22.7 per cent. The most extensive operations were at Cincinnati. There were 6 tanneries in that city in 1815,[7] and large quantities of Ohio leather were shipped to New York in 1847, the greater part of which was exported to England.[8] The value of products increased between 1850 and 1880, but has decreased since that year. The industry has been

[1] History of Cincinnati, pages 324 and 326.
[2] Report of the Cincinnati Chamber of Commerce, 1900, page 107.
[3] United States Geological Survey: Mineral Resources, 1899, Nonmetallic Products, except Coal and Coke, page 88.
[4] Eighth Census of the United States, Manufactures, Introduction, page cxxv.
[5] Documents Relative to Manufactures, supra cit., page 868.
[6] One Hundred Years of American Commerce, Vol. II page 379.
[7] A Picture of Cincinnati, 1815, page 146.
[8] Hunt's Merchants' Magazine, vol. 17, page 93.

favored until recently by the abundance of oak bark available for tanning purposes.

There were 28 establishments engaged in the manufacture of glass in 1900, with 4,546 wage-earners, and products valued at $4,547,083. In 1890 there were 59 establishments, 6,435 wage-earners, and products valued at $5,649,182. The decrease in the value of products during the decade was $1,102,099, or 19.5 per cent. These products included tableware valued at $668,469; beer, soda, and mineral water bottles valued at $637,428; and lamp chimneys valued at $622,721. In 1815 a glass factory was built at Cincinnati, and at the census of 1820 window glass and hollow ware were shown among the manufactures of that city. In 1831 a window-glass works was reported at Zanesville, and another at Moscow.[1] The industry first became of importance in Ohio between 1880 and 1890, in consequence of the use of natural gas, and declined somewhat between 1890 and 1900, because of the removal of many factories to the Indiana gas region. Oil, also, was used as a fuel to some extent during the census year, the cost of natural gas and oil amounting to $142,515, or 57.1 per cent of the total cost of fuel used in the industry. Since the introduction of natural gas as a fuel in glass works at Findlay, in 1884, there has been a continual change in the distribution of the industry in the state, factories moving rapidly from one locality to another as the earlier gas fields became exhausted and new fields were opened up.[2] The industry was largely carried on in 1900 in Belmont, Lucas, and Licking counties.

In addition to the industries included in Table 3, attention is directed to two other industries, the statistics of which are shown in Table 7. There were 5 establishments engaged in the manufacture of cash registers in 1900, with products valued at $5,414,711. The city of Dayton is one of the chief centers for this manufacture in the United States, the value of its products being $4,927,261, or 91 per cent of the total for the state. There were 20 establishments engaged, in 1900, in the manufacture of grindstones, with products valued at $906,459. The importance of this industry is due to the existence, in the vicinity of Cleveland, of a superior variety of sandstone known as the "Berea grit." By far the greater part of the grindstones manufactured in the United States are made in Ohio, and considerable quantities are exported.

URBAN MANUFACTURES.

Table 4 shows the totals for the manufacturing and mechanical industries of the cities of Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Springfield, Toledo, Youngstown, and Zanesville, as returned at the censuses of 1890 and 1900, with the percentages of increase.

[1] Tenth Census of the United States, Manufactures, folio 1135.

[2] Testimony of the Ohio State Geologist, supra cit.

TABLE 4.—COMPARATIVE SUMMARY, AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, DAYTON, SPRINGFIELD, TOLEDO, YOUNGSTOWN, AND ZANESVILLE, 1890 AND 1900, WITH PER CENT OF INCREASE.

	Year.	Number of establishments.	Capital.	Wage-earners. Average number.	Wage-earners. Total wages.	Miscellaneous expenses.	Cost of materials used.	Value of products, including custom work and repairing.
The State	1900	32,398	$605,792,266	345,869	$153,955,330	$69,728,206	$447,849,677	$832,438,113
	1890	28,673	402,793,019	292,982	128,447,799	45,062,325	341,016,464	641,688,06[illegible]
Per cent of increase		13.0	50.4	18.1	19.9	54.7	31.3	29.7
Akron	1900	431	24,199,310	9,030	3,971,307	1,779,804	13,474,282	23,610,099
	1890	350	14,237,429	5,803	2,693,305	977,471	6,928,481	12,550,638
Per cent of increase		23.1	70.0	55.6	47.5	82.1	94.5	88.1
Canton	1900	502	10,094,813	6,455	2,970,245	1,081,809	5,604,399	12,253,427
	1890	420	11,387,406	6,360	3,208,641	952,010	4,948,508	11,881,810
Per cent of increase		19.5	[1] 11.4	1.5	[1] 7.4	13.6	13.3	3.2
Cincinnati	1900	5,127	109,582,142	63,240	27,189,069	22,873,620	77,539,292	157,806,834
	1890	7,832	104,483,032	84,167	36,728,511	19,937,152	92,545,231	196,063,983
Per cent of increase		[1] 34.5	4.9	[1] 24.9	[1] 26.0	14.7	[1] 16.2	[1] 19.5
Cleveland	1900	2,927	98,303,682	58,810	27,892,689	11,565,697	71,597,595	139,849,806
	1890	2,307	69,732,761	45,915	23,507,940	4,902,256	65,645,649	113,240,115
Per cent of increase		26.9	41.0	28.1	18.7	135.9	9.1	23.5
Columbus	1900	914	25,392,186	17,066	7,718,824	4,014,022	20,194,532	39,666,848
	1890	708	16,178,703	12,053	5,658,096	1,715,056	11,183,710	22,887,586
Per cent of increase		29.1	56.9	41.6	36.4	134.0	80.6	73.3
Dayton	1900	1,096	28,027,518	16,869	7,959,792	3,295,885	16,800,911	35,697,695
	1890	937	13,469,964	10,614	4,737,383	1,459,655	11,680,149	22,446,572
Per cent of increase		17.0	108.1	58.9	68.0	125.8	43.8	59.0
Springfield	1900	305	14,091,175	6,638	3,160,119	1,286,798	5,569,261	12,777,173
	1890	372	14,567,931	6,101	2,662,672	1,046,292	4,752,062	10,760,965
Per cent of increase		[1] 18.0	[1] 3.3	8.8	18.7	23.0	17.2	18.7
Toledo	1900	1,050	25,591,916	15,383	6,845,687	3,068,389	21,986,798	37,372,355
	1890	734	12,700,372	9,247	4,333,322	1,246,042	12,189,924	21,651,574
Per cent of increase		43.1	101.5	66.4	58.0	146.3	80.4	72.6
Youngstown	1900	260	22,360,097	9,150	4,951,460	968,636	23,541,769	34,801,101
	1890	245	7,542,742	5,486	3,295,952	462,785	9,380,929	14,667,260
Per cent of increase		6.1	196.4	66.8	50.2	109.3	151.0	137.3

[1] Decrease.

TABLE 4.—COMPARATIVE SUMMARY, AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, DAYTON, SPRINGFIELD, TOLEDO, YOUNGSTOWN, AND ZANESVILLE, 1890 AND 1900, WITH PER CENT OF INCREASE—Continued.

	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.			
Zanesville	1900	293	$5,162,067	4,603	$1,786,005	$365,338	$3,756,489	$7,468,839
	1890	301	4,200,409	3,388	1,325,590	393,616	3,331,626	6,053,484
Per cent of increase		[1]2.7	22.9	35.9	34.7	[1]7.2	12.8	23.4
Total for 10 cities	1900	12,905	362,804,856	207,244	94,445,197	50,299,998	260,065,328	501,309,177
	1890	14,206	268,500,749	189,134	88,151,412	33,092,335	222,592,269	432,203,987
Per cent of increase		[1]9.2	35.1	9.6	7.1	52.0	16.8	16.0
Per cent of 10 cities to total for state	1900	39.8	59.9	59.9	61.3	72.1	58.1	60.2
	1890	49.5	66.7	64.6	68.6	73.4	65.3	67.4

[1] Decrease.

It appears from Table 4 that there has been a considerable increase during the past decade in the combined manufactures of these 10 cities. The average number of wage-earners increased from 189,134 to 207,244, or 9.6 per cent, and the value of products from $432,203,987 to $501,309,177, or 16 per cent, but the number of establishments decreased from 14,206 to 12,905, or 9.2 per cent. The percentage of increase in the average number of wage-earners and in the value of products was smaller in these cities than in the state as a whole. The city of Youngstown shows the most rapid growth, the value of products having increased from $14,667,260 to $34,801,101, or 137.3 per cent. In Cincinnati, the leading manufacturing city in the state, the number of establishments decreased from 7,832 to 5,127, or 34.5 per cent; the average number of wage-earners from 84,167 to 63,240, or 24.9 per cent; and the value of products from $196,063,983 to $157,806,834, or 19.5 per cent. The number of establishments, number of wage-earners, and value of products, in this city in 1900, constituted 15.8, 18.3, and 19 per cent, respectively, of the totals for the state.

The value of products manufactured in the cities of Cincinnati and Cleveland amounted in 1880 to $153,859,215 and in 1900 to $297,656,640, constituting 44.2 and 35.8 per cent, respectively, of the totals for the state. There has been a noteworthy change in the relative positions of these cities during the century. Cincinnati was founded first, and developed early as a manufacturing city. In 1840 the capital invested in manufactures in this city was $7,469,912, compared with $128,632 in the city of Cleveland. During the first half of the century, the latter was chiefly a commercial center, but its development since 1860 as a manufacturing center has been rapid. The value of its products in 1900, $139,849,806, was almost equal to that of Cincinnati, $157,806,834.

The leading manufacturing industries of Cincinnati, in the order of their importance, were clothing, men's, factory product; foundry and machine shop products; slaughtering and meat packing; liquors, distilled; boots and shoes, factory product; liquors, malt; carriages and wagons; tobacco, cigars and cigarettes; and furniture, factory product.

In Cleveland, the city second in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; slaughtering and meat packing; clothing, women's, factory product; liquors, malt; clothing, men's, factory product; electrical apparatus and supplies; shipbuilding, iron and steel; petroleum, refining; bridges; and iron and steel, bolts, nuts, washers, and rivets.

In Columbus, the city third in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; boots and shoes, factory product; cars and general shop construction and repairs by steam railroad companies; carriages and wagons; liquors, malt; patent medicines and compounds; and oleomargarine.

In Toledo, the city fourth in rank, the leading manufacturing industries were flouring and grist mill products; coffee and spice, roasting and grinding; foundry and machine shop products; bicycles and tricycles; liquors, malt; petroleum, refining; lumber and timber products; and oil, linseed.

In Dayton, the city fifth in rank, the leading manufacturing industries were foundry and machine shop products; cash registers; cars, steam railroad, not including operations of railroad companies; tobacco, cigars and cigarettes; agricultural implements; slaughtering and meat packing; sewing machines and attachments; tobacco, stemming and rehandling; and liquors, malt.

In Youngstown, the city sixth in rank, the leading manufacturing industries were iron and steel; foundry and machine shop products; iron and steel pipe, wrought; and lumber, planing mill products.

In Akron, the city seventh in rank, the leading manufacturing industries were food preparations; rubber and elastic goods; foundry and machine shop products; printing and publishing, book and job; agricultural implements; pottery, terra cotta, and fire-clay products; oilcloth, enameled; and flouring and grist mill products.

In Springfield, the city eighth in rank, the leading manufacturing industries were agricultural implements; foundry and machine shop products; and printing and publishing, newspapers and periodicals.

In Canton, the city ninth in rank, the leading manufac-

turing industries were agricultural implements; ironwork, architectural and ornamental; iron and steel; watch cases; and foundry and machine shop products.

In Zanesville, which ranks tenth in Table 4, but which is the city fifteenth in rank in the state, the leading manufacturing industries were pottery, terra cotta, and fire-clay products; soap and candles; agricultural implements; and iron and steel.

Table 5 presents the totals for the manufacturing industries of the 101 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	32,398	$605,792,266	36,624	345,869	$153,955,330	$69,728,206	$447,849,677	$832,438,118	-------	100.0	4,157,545	-------	100.0
Total for urban manufactures	21,005	524,748,522	22,979	302,176	136,378,160	64,041,858	380,094,808	719,792,803	-------	86.5	1,913,903	-------	46.0
Akron	431	24,199,310	427	9,030	3,971,307	1,779,804	13,474,282	23,610,099	7	2.8	42,728	7	1.0
Alliance	145	5,804,953	158	1,749	784,989	160,343	1,906,204	3,730,144	27	0.4	8,974	32	0.2
Ashtabula	90	764,127	80	440	188,562	67,950	575,249	997,848	71	0.1	12,949	23	0.3
Athens	39	306,632	45	215	95,865	27,671	158,314	366,052	96	(1)	3,066	91	0.1
Barberton	27	3,366,386	26	1,115	461,082	323,720	1,804,453	3,256,844	31	0.4	4,354	76	0.1
Barnesville	56	503,124	68	418	183,033	37,903	358,674	657,060	83	0.1	3,721	83	0.1
Bellaire	94	3,612,811	97	2,141	923,305	250,403	6,129,193	9,150,462	12	1.1	9,912	29	0.2
Bellefontaine	104	620,585	119	713	311,942	44,706	662,703	1,189,201	67	0.1	6,649	51	0.2
Bellevue	38	661,742	37	301	125,986	25,057	539,671	834,880	76	0.1	4,101	77	0.1
Bridgeport	28	1,717,473	23	1,614	911,421	61,653	2,874,661	4,793,847	25	0.6	3,963	79	0.1
Bryan	59	315,671	75	180	73,054	24,232	208,349	396,757	95	(1)	3,131	90	0.1
Bucyrus	91	1,011,031	103	751	338,535	73,535	557,220	1,300,327	64	0.2	6,560	53	0.2
Cambridge	65	1,201,662	74	849	523,339	82,401	1,438,670	2,459,368	41	0.3	8,241	37	0.2
Canal Dover	75	1,931,838	79	1,507	721,242	128,719	2,026,574	3,380,494	30	0.4	5,422	65	0.1
Canton	502	10,094,813	541	6,455	2,970,245	1,081,809	5,604,399	12,258,427	9	1.5	30,667	9	0.7
Carthage	24	404,420	27	369	143,361	802,443	415,216	1,557,273	56	0.2	2,559	100	0.1
Celina	34	149,000	43	153	58,314	11,881	235,619	410,097	94	(1)	2,815	95	0.1
Chillicothe	115	914,447	128	1,223	454,044	96,614	914,665	1,709,895	53	0.2	12,976	22	0.3
Cincinnati	5,127	109,582,142	5,805	68,240	27,189,069	22,873,620	77,539,292	157,806,834	1	19.0	325,902	2	7.8
Circleville	83	1,168,592	113	686	221,470	59,518	1,273,874	1,933,996	48	0.2	6,991	48	0.2
Cleveland	2,927	98,303,682	3,078	58,810	27,892,689	11,565,697	71,597,595	139,849,806	2	16.8	381,768	1	9.2
Columbus	914	25,392,136	968	17,066	7,718,824	4,014,022	20,194,532	39,666,848	3	4.8	125,560	4	3.0
Conneaut	68	595,115	87	651	285,634	36,192	540,056	1,008,423	70	0.1	7,133	46	0.2
Coshocton	48	806,028	44	1,088	339,120	66,647	778,215	1,488,912	61	0.2	6,473	55	0.1
Cuyahoga Falls	27	906,439	32	522	253,292	58,794	921,147	1,462,767	60	0.2	3,186	89	0.1
Dayton	1,096	28,027,518	1,197	16,869	7,959,792	3,295,885	16,800,911	35,697,695	5	4.3	85,333	5	2.0
Defiance	100	1,141,426	115	936	356,951	87,931	814,712	1,609,834	54	0.2	7,579	43	0.2
Delaware	69	566,596	82	655	248,446	57,188	851,467	846,645	75	0.1	7,940	39	0.2
Delphos	59	369,524	72	286	119,202	37,197	225,928	519,730	90	0.1	4,517	75	0.1
Dennison	33	378,148	34	892	524,693	73,480	584,396	1,295,334	65	0.2	3,763	82	0.1
East Liverpool	162	5,056,198	173	4,473	2,150,938	341,135	1,759,408	5,459,043	22	0.7	16,485	18	0.4
Elmwood Place	23	770,096	26	301	153,168	8,227	441,813	743,536	79	0.1	2,532	101	0.1
Elyria	76	1,778,819	69	968	391,841	137,958	999,280	1,760,500	51	0.2	8,791	33	0.2
Findlay	252	2,152,202	309	1,478	633,505	165,613	1,122,537	2,514,356	40	0.3	17,613	17	0.4
Fostoria	92	1,532,627	97	795	278,529	54,550	2,103,515	2,645,205	37	0.3	7,730	41	0.2
Franklin	39	448,290	39	296	119,118	15,891	521,908	864,036	74	0.1	2,724	98	0.1
Fremont	156	2,616,545	185	1,504	599,286	152,323	1,322,880	2,621,951	39	0.3	8,439	36	0.2
Galion	65	916,488	69	891	367,410	63,906	679,921	1,309,129	63	0.2	7,282	45	0.2
Gallipolis	39	491,907	91	458	159,479	54,833	368,482	731,063	80	0.1	5,432	64	0.1
Greenville	97	349,412	119	330	109,192	24,991	377,601	642,503	84	0.1	5,501	63	0.1
Hamilton	222	12,575,821	219	5,850	2,626,084	803,481	5,535,568	12,003,316	10	1.4	23,914	10	0.6
Hillsboro	48	331,539	49	293	114,195	18,140	305,399	574,988	87	0.1	4,535	74	0.1
Ironton	112	3,321,219	105	1,758	767,394	178,236	3,299,905	5,715,112	21	0.7	11,868	26	0.3
Jackson	43	454,008	44	147	60,363	16,899	256,791	510,111	91	0.1	4,672	70	0.1
Kent	59	723,218	60	945	405,237	18,195	1,079,937	1,599,562	55	0.2	4,541	73	0.1
Kenton	95	886,687	100	653	266,299	94,815	540,074	1,118,629	68	0.1	6,852	49	0.2
Lancaster	100	1,537,272	103	1,287	614,609	97,284	1,197,266	2,219,695	44	0.3	8,991	31	0.2
Lebanon	72	223,705	77	179	84,902	9,400	334,820	571,832	88	0.1	2,867	94	0.1
Leetonia	32	2,121,818	36	496	280,162	102,977	1,943,900	2,725,457	86	0.3	2,744	97	0.1
Lima	195	5,487,584	230	2,223	1,050,780	277,408	4,156,028	6,705,136	17	0.8	21,723	12	0.5
Lockland	56	2,313,049	51	596	230,750	228,010	1,232,579	2,300,960	43	0.3	2,605	99	0.1
Lorain	59	12,343,937	57	2,221	1,115,589	615,457	5,544,799	9,547,952	11	1.1	16,028	19	0.4
Mansfield	251	5,760,746	293	3,160	1,217,457	307,182	3,195,033	7,034,509	16	0.8	17,640	16	0.4
Marietta	278	2,189,345	335	2,183	938,315	214,726	1,899,637	3,895,498	26	0.5	13,348	21	0.3
Marion	84	3,340,321	78	1,552	699,065	306,033	1,200,756	2,841,903	35	0.3	11,862	27	0.3
Martins Ferry	50	1,802,871	56	967	543,416	90,518	1,953,872	2,968,648	34	0.4	7,760	40	0.2
Marysville	47	179,325	68	236	82,699	20,506	165,241	347,283	98	(1)	3,048	92	0.1
Massillon	134	4,444,400	149	1,836	914,245	172,155	1,563,257	3,404,012	29	0.4	11,944	25	0.3
Miamisburg	66	1,500,248	64	1,006	400,143	83,122	1,300,713	2,131,005	45	0.3	3,941	80	0.1
Middleport	38	197,039	39	225	69,325	13,022	154,866	338,312	99	(1)	2,799	96	0.1
Middletown	92	4,207,731	92	1,951	770,656	2,112,601	3,056,601	6,665,226	18	0.8	9,215	30	0.2
Mingo Junction	12	2,921,086	9	944	566,645	131,395	5,526,128	7,563,573	13	0.9	2,954	93	0.1
Mt. Vernon	93	830,061	110	853	383,638	53,773	1,073,247	1,716,532	52	0.2	6,633	52	0.2
Napoleon	78	448,500	94	233	91,822	25,045	295,390	541,572	89	0.1	3,639	84	0.1
Nelsonville	39	224,179	48	200	80,115	12,107	117,257	258,148	100	(1)	5,421	66	0.1

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

TABLE 5.—URBAN MANUFACTURES—Continued.

	Number of establishments.	Capital.	Proprietors and firm members.	WAGE-EARNERS. Average number.	WAGE-EARNERS. Total wages.	Miscellaneous expenses.	Cost of materials used.	PRODUCTS. Value.	PRODUCTS. Rank.	PRODUCTS. Per cent of total.	POPULATION. Total.	POPULATION. Rank.	POPULATION. Per cent of total.
Newark	208	$1,793,448	234	2,364	$925,443	$228,797	$1,417,157	$3,423,186	28	0.4	18,157	14	0.4
New Philadelphia	124	859,493	130	653	482,182	86,576	905,007	1,820,296	50	0.2	6,213	57	0.1
Niles	64	2,745,374	66	1,641	1,281,629	123,647	3,441,219	5,758,129	20	0.7	7,468	44	0.2
North Baltimore	39	193,793	45	112	49,048	16,052	100,695	243,882	101	(1)	3,561	86	0.1
Norwalk	96	995,025	91	817	394,585	128,038	561,996	1,336,395	62	0.2	7,074	47	0.2
Norwood	52	951,314	61	467	208,138	52,839	480,221	820,892	77	0.1	6,480	54	0.1
Painesville	77	513,621	88	488	165,403	36,914	319,300	693,949	81	0.1	5,024	68	0.1
Piqua	152	3,609,002	166	2,103	983,836	259,807	3,765,259	5,886,475	19	0.7	12,172	24	0.3
Pomeroy	70	852,132	69	725	341,959	40,898	961,112	1,522,626	58	0.2	4,639	71	0.1
Portsmouth	284	4,113,700	315	4,586	1,556,190	802,946	3,824,093	7,532,976	14	0.9	17,870	15	0.4
Ravenna	76	821,127	90	740	279,158	43,790	550,204	1,210,415	66	0.1	4,003	78	0.1
St. Marys	57	556,209	60	453	192,711	37,786	462,842	893,823	73	0.1	5,359	67	0.1
Salem	106	2,090,703	117	977	569,352	135,603	1,280,584	2,380,424	42	0.3	7,582	42	0.2
Sandusky	176	4,627,981	187	1,648	650,895	379,042	1,394,147	3,190,342	32	0.4	19,664	13	0.5
Shelby	63	2,409,230	69	1,045	478,446	134,264	1,770,640	2,625,066	38	0.3	4,685	69	0.1
Sidney	107	1,173,805	125	935	337,610	101,178	1,088,669	1,858,626	49	0.2	5,688	62	0.1
Springfield	305	14,091,175	300	6,638	3,160,119	1,286,798	5,569,261	12,777,173	8	1.5	38,253	8	0.9
Steubenville	171	2,587,180	189	2,051	874,095	227,624	2,698,875	5,235,161	23	0.6	14,349	20	0.3
Tiffin	153	2,319,720	168	1,368	569,660	194,471	900,003	2,107,805	46	0.2	10,989	28	0.3
Toledo	1,050	25,591,916	1,114	15,388	6,845,687	3,068,389	21,986,798	37,372,355	4	4.5	131,822	3	3.2
Toronto	40	649,653	40	640	315,400	66,130	235,721	809,446	78	0.1	3,526	87	0.1
Troy	104	1,664,085	140	899	355,227	197,579	1,135,619	2,019,557	47	0.2	5,881	60	0.1
Uhrichsville	78	273,602	76	271	104,650	25,694	197,070	446,780	92	0.1	4,582	72	0.1
Upper Sandusky	35	288,744	44	165	60,477	21,655	187,106	357,505	97	(1)	3,855	88	0.1
Urbana	112	1,122,435	137	811	278,822	94,404	770,733	1,477,962	59	0.2	6,808	50	0.2
Van Wert	81	434,678	74	354	150,514	42,348	313,575	627,672	85	0.1	6,422	56	0.1
Wapakoneta	60	462,777	70	411	142,628	49,629	289,717	604,781	86	0.1	3,915	81	0.1
Warren	110	2,952,697	115	1,948	885,718	198,109	2,671,115	4,840,160	24	0.6	8,529	35	0.2
Washington Court House	67	403,031	75	276	101,849	24,376	352,233	659,899	82	0.1	5,751	61	0.1
Wellston	41	855,606	42	333	169,075	27,327	595,415	1,056,110	69	0.1	8,045	38	0.2
Wellsville	61	1,233,868	67	969	511,964	47,624	660,918	1,548,190	57	0.2	6,146	58	0.1
Wilmington	61	247,783	78	188	78,635	21,860	241,511	440,237	93	0.1	3,613	85	0.1
Wooster	97	626,188	105	447	169,490	37,114	463,725	985,579	72	0.1	6,063	59	0.1
Xenia	106	1,819,614	128	1,105	394,386	139,647	2,171,360	3,122,797	33	0.4	8,696	34	0.2
Youngstown	260	22,360,097	253	9,150	4,951,460	968,636	23,541,769	34,801,101	6	4.2	44,885	6	1.1
Zanesville	293	5,162,067	336	4,603	1,786,005	365,338	3,756,489	7,468,339	15	0.9	23,538	11	0.6
Total for state exclusive of urban manufactures	11,393	81,043,744	13,645	43,693	17,577,170	5,686,348	67,754,369	112,645,310	-------	13.5	2,248,642	-------	54.0
Per cent of urban manufactures to total for state	64.8	86.6	62.7	87.4	88.6	91.8	84.9	86.5	-------	-------	46.0	-------	-------

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

Of the 32,398 establishments in the state, 21,005, or 64.8 per cent, were located in these 101 cities and villages. They furnished employment to 302,176 wage-earners, or 87.4 per cent of the total number, and the value of their products, $719,792,803, formed 86.5 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 Akron, Canton, Cincinnati, Cleveland, Columbus, Dayton, Hamilton, Lima, Springfield, Toledo, Youngstown, and Zanesville by specified industries.

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

TABLE 6.—MANUFACTURES

	COUNTIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	The State	32,398	$605,792,266	$49,658,809	$94,493,965	$158,986,928	$302,652,564	36,624	30,003	$29,351,045	345,869	$153,955,330
2	Adams	138	326,847	28,310	41,195	123,025	134,317	175	19	13,570	260	81,176
3	Allen	402	6,130,870	371,761	815,655	2,483,791	2,459,663	474	227	177,416	2,776	1,275,743
4	Ashland	133	1,054,458	71,285	140,859	197,731	644,578	168	66	45,360	545	178,615
5	Ashtabula	392	2,548,145	285,785	355,828	714,714	1,191,818	450	121	102,067	1,827	775,729
6	Athens	158	912,904	81,080	236,782	234,923	360,119	186	54	34,411	578	234,917
7	Auglaize	257	1,559,751	137,679	339,952	394,804	687,316	305	95	71,040	1,289	474,692
8	Belmont	353	7,970,900	467,099	1,441,638	4,057,275	2,004,888	407	264	295,075	5,472	2,651,898
9	Brown	156	463,923	81,085	82,565	134,309	165,964	184	22	13,398	374	122,754
10	Butler	432	17,743,459	1,217,066	2,926,448	4,719,193	8,880,752	439	624	759,542	8,238	3,566,016
11	Carroll	122	388,304	35,988	102,830	131,700	117,786	149	22	11,490	341	130,031
12	Champaign	249	1,468,170	128,208	280,985	402,635	656,342	306	78	62,186	1,050	362,027
13	Clark	391	14,514,195	727,755	1,614,574	2,111,486	10,060,380	404	1,331	1,131,549	6,806	3,232,382
14	Clermont	150	632,134	49,876	100,578	161,071	320,609	175	37	28,964	603	184,330
15	Clinton	162	548,009	50,810	102,516	183,137	211,546	219	33	21,266	440	165,703
16	Columbiana	620	13,227,220	1,032,795	3,145,548	3,051,176	5,997,701	689	635	631,633	8,809	4,344,734
17	Coshocton	147	1,032,944	48,075	138,317	409,087	437,465	167	132	112,545	1,196	379,705
18	Crawford	254	2,455,684	204,988	537,945	646,984	1,065,717	288	151	114,898	2,203	936,467
19	Cuyahoga	3,137	110,375,476	8,680,072	13,523,545	31,919,986	56,251,873	3,310	5,609	5,967,665	63,867	30,612,805
20	Darke	326	778,043	63,306	101,195	240,202	373,340	402	23	11,983	767	248,789
21	Defiance	200	1,430,606	102,570	215,713	328,791	783,532	248	72	62,435	1,207	446,179
22	Delaware	160	1,342,733	630,504	220,287	380,554	611,388	198	64	54,858	861	352,453
23	Erie	255	5,631,678	593,174	1,056,666	1,667,590	2,314,248	267	203	212,182	2,055	809,630
24	Fairfield	206	1,837,980	151,681	362,775	456,639	866,885	237	96	73,602	1,628	730,861
25	Fayette	126	654,018	32,849	102,424	217,668	301,077	146	52	32,400	405	143,990
26	Franklin	1,046	26,149,471	2,619,983	3,772,412	7,187,047	12,570,029	1,119	1,788	1,669,084	17,716	7,990,354
27	Fulton	138	452,914	68,717	82,805	137,867	163,525	172	6	2,050	237	100,337
28	Gallia	155	621,895	60,070	101,895	187,935	272,595	180	36	25,322	534	186,449
29	Geauga	128	311,880	24,700	56,200	97,880	133,100	147	13	7,385	274	114,281
30	Greene	218	2,314,981	106,012	301,956	678,183	1,228,830	256	90	114,627	1,421	490,863
31	Guernsey	189	1,487,834	78,292	179,430	525,112	705,000	244	67	59,757	1,035	614,623
32	Hamilton	5,582	124,571,235	11,743,986	17,581,210	25,538,982	69,707,057	6,300	7,077	7,277,863	68,114	29,138,241
33	Hancock	357	2,541,646	146,292	553,109	695,547	1,146,698	434	149	119,640	1,785	744,080
34	Hardin	214	1,265,763	114,155	241,808	312,151	597,649	251	74	58,476	917	355,122
35	Harrison	122	436,395	105,105	70,545	149,754	110,991	151	20	10,715	289	106,325
36	Henry	197	789,886	58,998	155,875	186,093	388,920	237	23	13,670	553	208,680
37	Highland	180	1,062,392	64,025	187,041	238,928	622,398	224	57	53,589	985	339,960
38	Hocking	91	752,929	65,376	209,577	192,734	285,242	110	32	35,300	533	177,843
39	Holmes	121	293,656	33,860	63,461	100,260	96,075	138	5	4,740	171	62,897
40	Huron	282	2,285,722	139,832	369,428	536,232	1,240,230	307	136	117,919	1,661	717,228
41	Jackson	141	1,503,258	87,704	393,345	224,808	797,401	150	46	38,470	766	314,104
42	Jefferson	300	7,359,590	692,201	1,683,392	3,256,108	1,727,889	319	201	216,862	4,302	2,076,828
43	Knox	163	996,330	78,785	205,680	357,051	355,314	191	64	52,645	923	413,661
44	Lake	165	1,117,692	124,688	201,370	273,678	517,956	200	55	43,387	821	309,535
45	Lawrence	182	4,999,552	636,450	846,428	1,250,189	2,266,535	183	147	145,296	2,374	947,186
46	Licking	341	2,464,382	186,977	455,965	577,366	1,244,074	397	177	140,437	2,635	1,032,579
47	Logan	301	1,260,510	209,529	281,712	388,949	430,320	365	66	47,786	1,070	442,224
48	Lorain	298	15,021,399	1,131,833	3,116,591	4,335,029	6,438,446	318	264	238,522	3,888	1,766,134
49	Lucas	1,132	25,956,176	2,208,319	4,627,693	6,746,785	12,373,379	1,204	1,299	1,246,477	15,596	6,924,453
50	Madison	151	432,670	35,224	73,325	150,865	173,256	185	9	5,560	230	79,393
51	Mahoning	387	24,577,654	1,749,130	3,678,631	11,336,230	7,813,663	411	506	564,309	10,125	5,338,139
52	Marion	185	3,681,902	416,221	459,269	447,832	2,358,530	203	139	130,978	1,850	794,492
53	Medina	143	1,153,457	65,289	188,984	236,200	662,984	177	44	28,738	587	228,427
54	Meigs	178	1,227,567	109,346	242,923	401,210	474,088	191	66	43,859	1,081	457,436
55	Mercer	176	516,857	57,625	92,315	164,902	212,015	224	18	11,145	373	142,856
56	Miami	405	6,007,615	455,746	913,901	1,197,196	3,440,772	469	338	320,795	3,454	1,509,898
57	Monroe	179	278,259	32,485	53,717	90,910	101,147	222	6	4,145	188	63,212
58	Montgomery	1,361	31,812,559	1,992,675	4,561,826	5,889,826	19,368,232	1,491	1,582	1,707,131	19,209	8,796,539
59	Morgan	89	476,716	23,966	66,410	60,359	325,981	105	30	26,332	300	104,301
60	Morrow	85	393,296	22,575	53,100	83,900	233,721	110	10	8,879	189	67,807
61	Muskingum	420	6,174,217	484,330	1,267,505	1,531,874	2,890,508	483	464	353,809	5,326	2,047,803
62	Noble	89	178,650	13,107	32,670	77,982	54,891	117	----------	----------	112	37,112
63	Ottawa	161	847,735	67,665	184,456	232,216	363,398	185	35	38,260	549	197,364
64	Paulding	169	361,655	34,160	52,083	125,193	150,219	203	3	3,080	294	95,439
65	Perry	104	1,192,539	419,005	254,585	167,102	351,847	137	40	30,096	614	307,590
66	Pickaway	181	1,408,384	124,824	269,755	457,883	555,922	221	62	35,041	887	279,626
67	Pike	63	164,516	18,790	44,390	51,480	49,856	73	4	1,530	107	48,305
68	Portage	276	1,331,732	96,148	445,608	512,156	777,820	320	76	65,851	1,851	750,509
69	Preble	223	562,108	42,520	93,340	139,841	286,407	281	27	11,084	470	170,447
70	Putnam	217	771,916	89,861	118,140	208,874	355,041	260	31	34,537	598	222,506
71	Richland	433	8,371,989	308,811	1,173,436	2,184,761	4,704,981	507	443	412,005	4,363	1,751,260
72	Ross	207	1,385,064	195,535	279,055	391,011	519,463	238	85	49,414	1,400	522,073
73	Sandusky	300	3,191,978	197,387	542,076	788,310	1,664,205	351	194	204,383	1,852	744,369
74	Scioto	355	4,750,925	560,505	902,966	1,161,481	2,125,973	404	415	330,639	4,952	1,704,134
75	Seneca	360	4,207,050	257,006	908,686	1,364,289	1,677,069	402	198	145,818	2,545	994,315
76	Shelby	200	1,450,547	120,255	285,840	399,422	645,030	281	93	69,638	1,132	401,377

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.										
237,789	$140,364,129	53,711	$12,883,284	4,369	$707,917	$69,728,206	$4,741,189	$3,035,915	$54,602,073	$7,349,029	$447,849,677	$427,855,909	$19,993,768	$832,438,113	1
239	73,179	19	2,837	2	160	10,513	2,088	2,947	5,353	125	385,237	380,816	4,421	709,114	2
2,358	1,188,276	413	86,845	5	622	327,486	38,275	24,613	217,712	46,886	4,653,119	4,478,879	174,240	7,791,420	3
429	157,186	102	20,143	14	1,286	127,916	4,505	9,420	112,791	1,200	753,149	743,900	9,249	1,361,444	4
1,620	729,766	205	45,617	2	346	164,250	20,028	12,889	95,617	35,716	2,384,412	2,342,821	41,591	3,953,128	5
524	223,036	41	10,245	13	1,636	56,194	7,383	8,090	34,318	6,403	599,227	560,570	38,657	1,133,523	6
1,190	455,571	81	17,175	18	1,946	126,763	12,182	11,869	95,285	7,427	1,170,387	1,128,524	41,863	2,288,305	7
4,698	2,493,972	614	132,834	160	25,092	506,406	16,748	47,188	441,386	1,084	11,654,606	10,707,010	947,596	18,186,947	8
317	113,327	47	8,642	10	785	32,608	4,807	4,162	20,139	3,500	623,815	616,978	6,837	951,932	9
6,822	3,223,237	1,329	331,212	87	11,567	2,963,679	46,606	73,089	2,839,429	4,555	9,178,183	8,876,482	301,701	19,724,042	10
329	127,423	11	2,508	1	100	14,784	2,452	2,375	9,207	750	338,629	309,268	29,361	663,439	11
885	327,182	161	33,905	4	940	107,925	14,040	10,973	80,887	2,025	1,104,037	1,072,164	31,873	2,074,985	12
6,284	3,113,295	497	115,255	25	3,832	1,316,250	56,446	80,589	1,155,627	23,588	5,842,344	5,678,592	163,752	13,294,221	13
410	142,401	178	39,553	15	2,376	41,473	2,819	4,384	32,360	1,901	720,065	699,686	20,379	1,234,907	14
384	153,810	52	11,566	4	327	39,015	7,698	3,300	25,680	2,337	591,681	577,963	13,718	1,025,810	15
7,215	3,914,386	1,531	416,875	63	13,473	716,464	44,642	46,646	507,857	117,319	7,677,839	6,657,644	1,020,195	15,964,384	16
781	291,795	409	87,266	6	644	74,435	3,426	7,367	62,642	1,000	1,065,853	1,049,958	15,895	1,859,326	17
2,070	912,402	111	22,013	22	2,052	162,556	14,592	17,846	124,388	5,730	1,686,543	1,645,707	40,836	3,448,282	18
54,234	28,288,910	9,132	2,229,360	501	94,535	12,190,625	1,049,454	541,476	8,439,757	2,168,938	83,758,742	80,377,268	3,381,474	156,760,354	19
617	218,842	135	27,971	15	1,976	47,097	14,536	6,533	24,805	1,223	868,842	851,220	17,622	1,473,517	20
1,054	419,786	143	25,557	10	836	99,529	13,564	12,973	72,842	150	1,030,047	1,007,094	22,953	2,041,589	21
704	319,453	151	32,380	6	620	74,799	11,758	6,176	56,865	----------	674,165	598,424	75,741	1,456,390	22
1,786	757,301	220	44,695	49	7,634	458,115	25,745	23,810	405,975	2,585	1,911,055	1,782,631	128,424	4,252,800	23
1,196	609,726	328	98,157	104	22,978	108,375	10,722	7,929	79,294	10,430	1,583,038	1,551,035	32,003	2,852,449	24
327	124,682	74	18,868	4	440	33,306	7,804	4,014	21,396	92	497,251	487,842	9,409	965,356	25
15,166	7,360,420	2,274	581,450	276	48,484	4,056,537	257,748	176,880	3,386,074	235,835	20,706,796	19,752,858	953,938	40,712,336	26
214	96,099	18	3,731	5	507	26,218	3,427	3,257	10,279	9,250	626,286	613,921	12,365	981,356	27
488	178,913	38	6,674	8	862	59,243	7,071	5,439	46,498	235	527,028	518,275	8,753	977,851	28
250	110,314	20	3,617	4	350	9,644	3,209	1,632	4,803	----------	529,141	523,128	6,013	834,844	29
1,184	435,026	231	55,157	6	680	167,355	15,880	15,741	119,058	16,676	2,946,603	2,900,231	46,372	4,267,277	30
975	601,252	54	12,921	6	450	93,863	7,330	6,945	79,023	565	1,816,107	1,763,805	52,302	3,104,843	31
50,980	25,048,131	16,013	3,926,266	1,121	163,844	25,922,946	1,672,928	630,720	20,495,701	3,123,597	85,436,302	84,175,979	1,260,323	173,582,824	32
1,563	700,191	201	40,897	21	2,992	178,278	22,992	13,035	112,990	29,261	1,559,990	1,484,625	75,365	3,235,010	33
827	334,915	78	18,820	12	1,387	106,387	14,244	7,802	83,490	851	812,902	791,157	21,745	1,615,283	34
264	95,303	20	4,372	5	650	20,406	3,579	2,058	13,069	1,700	345,908	335,737	10,171	614,819	35
517	200,769	31	7,090	5	821	43,363	7,647	5,855	29,781	80	657,233	637,015	20,218	1,153,177	36
779	293,306	192	44,533	14	2,121	56,672	6,731	7,546	41,992	403	1,379,019	1,356,216	22,803	2,164,974	37
511	173,661	15	3,249	7	933	34,046	5,475	6,534	22,037	----------	448,032	417,848	30,184	757,067	38
156	60,142	13	2,630	2	125	13,770	2,856	1,777	9,037	100	327,575	317,761	9,814	528,355	39
1,451	665,829	185	47,041	25	4,358	184,450	18,462	12,554	150,890	2,544	1,642,791	1,608,859	33,932	3,122,585	40
730	306,822	27	5,781	9	1,501	56,766	6,768	7,672	41,476	850	990,062	716,661	273,401	1,886,785	41
3,754	1,953,467	333	84,064	215	39,297	456,844	79,478	42,732	325,018	9,616	9,471,652	8,218,322	1,253,330	15,246,129	42
861	400,468	59	12,845	3	351	62,046	10,887	7,154	43,785	270	1,276,606	1,261,853	14,753	2,023,520	43
765	297,300	51	11,271	5	984	68,823	8,585	4,206	51,805	4,227	702,688	675,235	27,453	1,443,219	44
2,273	927,207	85	17,559	16	2,420	277,483	14,889	39,478	185,342	37,774	4,274,893	3,633,967	640,926	7,287,567	45
2,249	942,627	306	71,192	80	18,760	249,427	22,725	16,890	180,875	28,937	1,733,705	1,680,328	53,377	4,065,420	46
987	427,598	62	11,695	21	2,931	64,486	13,599	11,558	33,229	6,100	1,094,411	1,050,160	44,251	2,016,099	47
3,499	1,689,722	305	61,896	34	14,516	805,349	18,631	29,811	727,177	29,680	8,205,348	7,418,348	786,995	12,637,394	48
12,905	6,313,740	2,425	556,446	266	54,267	3,092,494	262,124	155,672	2,507,693	167,005	22,364,762	21,850,267	514,495	37,997,565	49
183	72,404	43	7,035	4	454	24,947	7,297	2,842	14,608	200	386,187	326,068	10,119	612,836	50
9,842	5,314,198	260	69,623	23	4,318	1,115,661	41,655	58,052	1,009,215	6,739	26,113,419	23,596,507	2,516,912	38,774,429	51
1,744	775,792	81	15,885	25	2,865	323,444	15,196	28,099	278,624	1,525	1,670,768	1,578,538	92,230	3,588,934	52
469	202,646	111	25,181	7	600	73,894	2,574	5,024	66,021	275	853,755	826,580	27,175	1,435,508	53
979	441,642	62	11,016	40	4,768	63,693	7,330	8,805	45,756	1,802	1,393,846	1,328,051	65,795	2,285,129	54
336	137,084	29	4,718	8	1,104	25,424	6,002	3,592	14,845	985	574,436	560,036	14,400	1,160,467	55
2,918	1,397,061	531	112,390	5	447	505,203	29,392	32,052	423,131	20,628	5,641,363	5,523,500	117,863	9,069,414	56
122	49,822	64	13,169	2	221	31,902	4,739	2,458	24,575	130	349,622	342,375	7,247	589,208	57
15,266	7,750,199	3,745	1,013,572	198	32,768	3,735,046	226,984	160,725	3,055,848	291,489	19,784,544	19,400,452	384,092	40,824,426	58
253	94,038	45	9,993	2	270	27,921	3,253	5,000	19,668	----------	370,453	364,173	6,280	679,047	59
170	64,666	17	2,902	2	239	14,633	2,659	2,459	9,515	----------	306,391	300,903	5,488	560,866	60
4,137	1,810,282	1,157	282,975	32	4,596	408,163	34,639	43,685	326,971	2,868	4,408,700	4,114,832	293,868	8,629,559	61
91	32,976	18	3,745	3	391	3,148	1,130	1,514	4,804	700	203,972	201,263	2,709	341,202	62
486	184,772	50	11,057	13	1,585	57,034	8,432	5,609	42,917	76	486,887	433,988	52,899	1,009,330	63
275	92,360	8	1,995	11	1,084	16,917	4,777	2,794	9,346	----------	285,653	268,910	16,743	524,914	64
580	300,473	30	6,441	4	676	54,595	7,529	5,336	39,580	2,150	707,955	538,764	169,191	1,289,127	65
713	257,124	122	17,890	52	4,612	71,018	8,964	9,396	51,733	925	1,486,594	1,441,168	45,426	2,341,293	66
106	48,137	1	168	----------	----------	6,687	851	1,719	4,117	----------	288,418	284,938	3,480	443,292	67
1,528	673,817	296	70,793	27	5,899	74,425	14,756	10,842	48,307	520	1,999,025	1,951,839	47,186	3,400,464	68
346	145,186	122	25,111	2	150	32,628	7,601	4,650	19,887	490	489,787	479,097	10,690	936,898	69
554	215,905	30	4,479	14	2,122	33,806	6,505	5,483	21,803	15	861,708	840,412	21,296	1,419,943	70
3,474	1,574,887	878	174,586	11	1,787	455,958	37,257	35,379	376,322	7,000	5,273,774	5,127,922	145,852	10,207,077	71
1,107	478,171	279	42,711	14	1,191	120,933	13,280	12,532	94,521	600	1,473,368	1,432,526	40,842	2,517,771	72
1,341	626,058	505	117,592	6	719	183,045	16,225	12,937	150,920	2,963	1,783,362	1,722,028	61,334	3,480,084	73
3,807	1,495,149	1,043	197,652	102	11,338	833,499	28,240	29,610	786,375	44,274	4,128,200	3,925,489	202,711	8,168,592	74
1,948	860,927	582	131,105	15	2,783	265,963	23,632	22,651	218,159	1,521	3,389,026	3,249,847	139,179	5,488,064	75
942	361,285	187	39,745	3	347	126,843	8,208	10,659	107,820	156	1,402,712	1,368,917	33,795	2,373,990	76

TABLE 6.—MANUFACTURES

	COUNTIES AND MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
77	Stark	1,020	$21,680,666	$1,755,560	$3,824,871	$4,717,139	$11,383,096	1,118	877	$814,948	11,122	$5,081,726
78	Summit	599	29,593,083	1,835,252	5,641,710	7,508,130	14,607,991	613	1,270	1,188,522	11,191	4,887,124
79	Trumbull	361	8,858,865	365,401	1,049,364	2,302,962	5,141,138	395	276	307,727	4,831	2,821,719
80	Tuscarawas	488	4,222,833	267,750	1,066,622	1,379,020	1,509,441	489	239	203,300	4,107	2,140,614
81	Union	130	326,615	32,210	52,555	111,055	130,795	165	10	6,550	319	112,379
82	Van Wert	170	677,918	92,880	82,600	226,431	276,007	169	34	19,881	593	237,996
83	Vinton	51	154,237	25,485	19,060	62,025	47,667	71	------	------	74	26,768
84	Warren	201	2,176,183	269,459	303,231	698,360	905,083	222	63	82,953	1,077	405,451
85	Washington	404	2,668,141	364,645	428,219	615,972	1,259,305	504	173	139,808	2,616	1,068,686
86	Wayne	290	1,667,505	142,015	342,483	496,177	686,830	355	77	51,957	901	351,616
87	Williams	214	898,312	59,947	161,635	214,268	462,462	250	53	36,040	711	283,739
88	Wood	328	3,430,700	353,669	559,176	1,637,403	880,452	377	70	70,204	1,184	502,433
89	Wyandot	81	480,817	44,655	97,699	132,142	206,321	110	16	10,545	308	117,724

TABLE 7.—MANUFACTURES BY

1	All industries	32,398	$605,792,266	$49,658,809	$94,493,965	$158,986,928	$302,652,564	36,624	30,003	$29,351,045	345,869	$153,955,330
2	Agricultural implements	78	23,628,442	1,031,012	2,199,037	1,898,782	18,499,611	58	1,588	1,368,775	6,852	3,271,163
3	Ammunition	3	675,827	100	400	257,467	417,860	2	32	40,499	371	111,167
4	Artificial feathers and flowers	4	1,600	------	------	200	1,400	4	1	100	7	2,450
5	Artificial limbs	6	6,975	------	------	2,025	4,950	7	------	------	6	3,216
6	Awnings, tents, and sails	82	413,500	94,400	58,472	37,918	222,710	31	53	44,760	244	97,676
7	Bags, other than paper	4	352,850	15,000	20,000	33,900	283,950	3	20	19,512	204	54,940
8	Bags, paper	10	390,236	10,000	10,000	125,608	244,630	4	56	40,684	218	67,923
9	Baking and yeast powders	15	177,381	7,150	25,400	14,950	129,881	11	55	38,156	101	39,573
10	Baskets, and rattan and willow ware	43	123,580	11,300	19,510	55,080	37,699	44	11	6,510	274	90,207
11	Belting and hose, leather	5	486,251	15,000	20,330	47,500	403,421	3	42	45,487	92	48,307
12	Bicycle and tricycle repairing	377	345,882	26,733	30,796	129,891	158,462	435	12	5,164	311	132,591
13	Bicycles and tricycles	34	4,074,576	74,537	437,853	1,736,524	1,825,662	20	209	197,406	2,380	1,017,061
14	Billiard tables and materials	6	29,100	------	------	1,750	27,350	6	4	5,570	21	11,980
15	Blacking	3	21,000	------	------	2,500	18,500	5	1	520	19	5,124
16	Blacksmithing and wheelwrighting	3,585	2,650,444	580,387	730,941	498,463	840,653	4,071	21	7,990	2,057	961,904
17	Bookbinding and blank book making	53	272,657	------	------	113,748	158,909	63	33	24,149	397	154,044
18	Boot and shoe cut stock	4	102,662	------	------	10,662	92,000	4	7	5,040	42	17,500
19	Boot and shoe uppers	7	2,100	------	------	925	1,175	6	------	------	6	2,685
20	Boots and shoes, custom work and repairing.	1,461	486,284	93,665	117,958	111,763	162,898	1,521	13	7,620	569	240,728
21	Boots and shoes, factory product	81	7,549,142	168,950	464,713	1,180,322	5,735,157	87	888	960,890	12,718	3,989,744
22	Bottling	63	328,838	42,920	62,650	27,370	195,898	64	43	32,988	170	79,314
23	Boxes, cigar	32	354,259	40,450	73,875	73,873	166,061	40	29	18,006	517	150,592
24	Boxes, fancy and paper	35	784,449	5,000	9,000	366,850	403,599	88	85	97,571	1,474	381,506
25	Boxes, wooden packing	61	1,187,705	172,225	154,827	218,461	642,192	70	56	49,489	1,117	384,057
26	Brass castings and brass finishing	39	1,147,838	43,825	175,991	346,166	576,856	47	65	66,381	981	395,135
27	Brassware	7	581,733	10,000	44,000	101,850	425,883	6	34	44,360	334	185,321
28	Bread and other bakery products	956	5,056,649	653,700	970,777	2,230,886	1,201,286	1,029	567	358,308	3,519	1,529,341
29	Brick and tile	686	7,343,627	1,634,603	2,205,306	1,497,325	2,006,393	353	208	189,192	5,353	1,966,971
30	Bridges	16	2,473,845	110,846	234,469	675,524	1,453,006	8	138	153,419	1,437	715,410
31	Brooms and brushes	117	880,640	42,490	87,432	194,506	556,212	144	93	99,124	994	324,366
32	Buttons	4	49,645	------	------	15,500	34,145	5	7	4,786	72	18,268
33	Carpentering	1,135	2,464,362	293,233	342,233	307,922	1,520,974	1,324	108	81,642	5,242	2,918,959
34	Carpets, rag	113	72,031	10,755	17,795	23,834	19,647	118	10	6,753	120	36,987
35	Carriage and wagon materials	109	5,251,795	391,954	753,834	1,199,727	2,906,280	93	275	271,381	4,529	1,730,022
36	Carriages and sleds, children's	9	949,225	14,640	228,000	214,350	492,235	8	42	49,101	787	333,580
37	Carriages and wagons	543	12,158,302	1,199,593	1,980,861	818,455	8,159,393	717	687	576,062	7,274	3,369,550
38	Cars and general shop construction and repairs by steam railroad companies.	91	5,701,129	659,277	1,651,260	1,304,205	2,086,387	------	576	456,971	11,534	6,087,052
39	Cars and general shop construction and repairs by street railroad companies.	4	123,050	15,500	46,000	30,500	31,050	------	7	4,816	229	137,385
40	Cars, steam railroad, not including operations of railroad companies.	5	2,581,894	48,977	246,517	137,883	2,148,517	------	61	75,616	1,805	862,011
41	Cars, street railroad, not including operations of railroad companies.	8	252,778	10,000	25,000	49,651	168,122	2	13	11,880	275	152,810
42	Charcoal	7	22,837	1,220	230	2,625	18,762	6	3	2,500	87	22,895
43	Cheese and butter, urban dairy products.	5	14,080	7,820	800	2,925	2,535	9	------	------	7	2,152
44	Cheese, butter, and condensed milk, factory product.	479	1,041,093	55,547	324,312	385,546	275,688	391	89	19,088	889	189,804
45	Chemicals	35	3,670,401	397,680	518,045	976,144	1,778,532	21	164	199,166	609	340,332
46	China decorating	8	1,910	50	50	530	1,280	8	------	------	------	------
47	Cleansing and polishing preparations	12	36,390	1,650	3,250	3,945	28,045	10	12	17,756	23	6,974
48	Cloth, sponging and refinishing	3	3,757	------	------	2,290	1,467	5	------	------	31	15,699
49	Clothing, men's, custom work and repairing.	1,543	3,216,481	271,185	324,253	191,697	2,429,346	1,789	227	165,411	5,190	2,146,206
50	Clothing, men's, factory product	539	10,782,010	189,700	234,404	221,508	10,136,398	676	785	805,898	6,321	2,143,619
51	Clothing, men's, factory product, buttonholes.	8	20,625	100	600	16,100	3,825	10	1	416	174	51,563

BY COUNTIES: 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.										
9,826	$4,763,768	1,147	$290,402	149	$27,561	$1,488,298	$79,021	$74,109	$1,105,749	$229,419	$10,016,008	$9,587,261	$428,747	$21,246,888	77
9,235	4,897,337	1,878	479,458	78	10,329	2,211,700	61,548	136,999	1,636,916	376,237	16,767,864	16,257,930	510,834	29,404,004	78
4,478	2,735,671	326	82,740	27	3,308	434,714	18,356	23,574	332,259	60,525	9,920,977	8,778,337	1,142,640	16,126,697	79
3,879	2,097,663	196	88,128	32	4,823	338,494	17,227	24,894	258,287	38,086	4,701,997	4,386,148	315,849	8,528,451	80
231	105,293	37	6,886	1	200	27,496	5,130	2,641	18,170	1,555	353,461	339,512	13,949	604,352	81
545	228,488	42	8,513	6	995	53,494	6,778	4,916	21,231	20,569	821,863	805,727	16,136	1,364,164	82
70	26,068	3	600	1	100	3,975	583	1,126	2,266	----------	265,149	262,957	2,192	377,543	83
789	341,955	285	63,216	3	280	82,904	12,797	12,550	57,010	547	1,737,544	1,691,224	46,320	2,815,006	84
2,315	1,009,511	232	49,439	69	9,736	231,784	23,806	20,982	111,363	75,633	2,577,209	2,511,585	65,624	4,926,591	85
781	329,699	113	21,060	7	857	73,468	10,355	8,879	51,517	2,717	1,343,612	1,297,154	46,458	2,423,667	86
646	271,458	59	11,380	6	901	46,814	8,212	4,838	33,634	130	767,605	752,975	14,630	1,392,311	87
1,120	489,494	61	12,434	3	505	94,094	10,905	8,776	69,553	4,860	1,436,243	1,338,307	97,936	2,541,882	88
286	118,602	16	2,873	6	1,249	33,087	2,729	4,121	26,037	200	448,119	433,537	14,582	751,230	89

SPECIFIED INDUSTRIES: 1900.

287,789	$140,864,129	53,711	$12,883,284	4,369	$707,917	$69,728,206	$4,741,189	$3,035,915	$54,602,073	$7,349,029	$447,849,677	$427,855,909	$19,993,768	$832,438,113	1
6,795	3,254,063	44	14,588	13	2,512	1,483,605	2,423	106,929	1,346,122	28,131	6,059,515	5,925,591	133,924	18,975,268	2
228	80,351	143	30,816	------	------	31,584	4,434	2,700	24,450	------	565,091	559,134	5,957	831,920	3
4	2,000	3	450	------	------	1,149	940	9	200	------	1,277	1,235	42	8,600	4
6	3,216	------	------	------	------	2,279	1,380	20	879	------	5,744	5,659	85	28,820	5
124	64,005	120	33,671	------	------	38,977	9,103	2,229	26,320	1,325	278,082	275,535	2,547	556,977	6
58	25,000	146	29,940	------	------	79,178	1,675	1,104	76,394	------	836,930	835,005	1,325	1,030,033	7
110	44,402	108	23,521	------	------	23,395	4,634	1,324	17,437	------	510,587	503,807	6,780	719,431	8
53	28,362	43	10,635	5	676	35,055	7,476	1,198	26,381	------	227,647	223,921	3,726	467,111	9
203	76,352	54	11,854	17	2,001	6,930	2,539	805	3,586	------	46,177	44,750	1,427	196,486	10
91	48,157	------	------	1	150	38,028	3,276	1,782	32,970	------	637,909	635,097	2,812	836,876	11
292	129,389	5	1,366	14	1,836	58,366	40,052	2,745	15,249	320	261,883	254,019	7,864	714,997	12
2,340	998,218	40	18,843	------	------	247,332	13,756	16,491	217,085	------	2,251,358	2,194,371	56,987	4,099,980	13
21	11,980	------	------	------	------	3,946	1,941	25	1,980	------	26,101	26,036	65	57,546	14
4	1,522	15	3,602	------	------	1,145	432	43	670	------	33,620	33,439	181	55,700	15
2,036	959,007	------	------	21	2,897	199,058	181,150	22,505	37,110	8,293	1,297,069	1,199,972	97,097	5,014,908	16
212	109,073	172	42,794	13	2,177	52,537	20,308	1,358	17,418	18,453	170,935	165,995	4,940	549,175	17
39	16,700	3	800	------	------	4,150	1,630	380	2,140	------	227,156	225,104	2,052	307,080	18
5	2,535	------	------	1	150	1,127	434	3	190	500	8,795	8,795	------	17,900	19
559	238,285	6	1,835	4	608	102,904	86,520	4,441	10,800	1,143	440,687	430,486	10,201	1,405,676	20
7,289	2,709,382	4,781	1,175,153	648	105,209	637,537	77,084	23,256	532,125	72	11,074,008	11,025,493	48,515	17,920,354	21
158	75,952	11	3,250	1	112	40,397	8,582	4,842	26,973	------	501,553	497,872	3,681	829,513	22
227	86,566	289	63,892	1	134	27,756	6,232	1,951	19,573	------	339,902	332,691	7,211	645,138	23
369	162,735	1,086	214,824	19	3,947	89,919	30,850	2,827	56,242	------	619,938	608,969	10,969	1,408,030	24
1,018	369,347	41	6,865	58	7,845	97,832	16,959	5,918	74,523	432	1,207,586	1,195,571	12,015	1,965,293	25
955	389,380	26	5,755	------	------	79,925	12,082	5,762	61,887	194	783,380	763,485	19,895	1,533,174	26
319	180,416	15	4,905	------	------	63,887	3,524	2,231	58,132	------	255,145	250,629	4,516	760,200	27
2,777	1,371,120	645	141,557	97	16,664	563,399	179,724	36,440	347,235	------	5,427,110	5,275,244	151,866	9,357,288	28
5,240	1,948,024	6	1,086	107	17,861	337,959	28,507	35,845	264,396	9,211	981,676	206,136	775,540	4,629,587	29
1,437	715,410	------	------	------	------	418,397	210	9,733	258,454	150,000	2,051,732	2,010,580	41,152	4,554,132	30
810	289,571	171	32,978	13	1,817	152,161	14,781	6,614	58,534	72,232	976,864	966,730	10,134	1,876,136	31
29	10,504	40	7,140	3	624	5,701	1,470	68	4,163	------	20,946	20,151	795	58,873	32
5,234	2,917,349	3	700	5	910	1,990,490	51,112	15,220	111,793	1,812,365	6,916,660	6,900,651	16,009	14,046,476	33
63	25,825	46	9,840	11	1,322	8,889	4,686	497	3,706	------	45,201	42,854	2,347	170,342	34
4,421	1,707,926	97	20,686	11	1,410	347,458	15,961	28,630	298,576	4,291	4,027,295	3,962,815	64,980	7,186,271	35
737	322,030	50	11,550	------	------	212,219	3,282	6,090	202,847	------	571,614	558,512	13,102	1,842,525	36
7,951	3,310,330	199	55,621	24	3,599	813,400	120,153	73,176	610,761	9,310	8,262,052	8,164,786	97,266	15,919,173	37
11,520	6,082,128	14	4,924	------	------	391,581	1,350	58,321	327,558	4,352	5,963,808	5,852,049	111,759	12,975,182	38
229	137,385	------	------	------	------	13,471	2,000	2,014	9,457	------	93,617	87,497	6,120	249,289	39
1,800	860,799	5	1,212	------	------	45,450	2,170	13,876	29,404	------	2,791,908	2,755,419	36,489	3,942,372	40
273	151,790	2	1,020	------	------	11,138	1,800	18	6,320	3,000	230,975	227,755	3,220	537,745	41
87	22,895	------	------	------	------	6,702	40	22	6,640	------	2,601	2,601	------	40,432	42
4	1,440	3	712	------	------	894	160	124	610	------	8,781	8,626	155	16,745	43
376	186,621	11	2,913	2	270	35,214	6,865	5,205	22,884	260	3,054,764	3,016,495	38,269	3,803,996	44
583	333,063	24	7,000	2	269	157,810	7,587	16,744	132,877	602	2,083,721	1,988,078	95,643	3,576,260	45
------	------	------	------	------	------	587	484	5	98	------	4,614	4,518	96	10,774	46
15	5,582	8	1,392	------	------	12,445	1,196	84	10,965	200	33,188	32,783	405	101,667	47
31	15,699	------	------	------	------	1,927	1,362	25	540	------	339	129	210	22,000	48
3,027	1,611,993	2,116	527,772	47	6,441	1,001,894	338,911	20,453	129,183	513,347	3,411,166	3,376,592	34,574	8,954,872	49
1,980	1,061,551	4,365	1,063,058	176	19,010	2,044,440	157,002	32,057	409,270	1,446,111	9,112,231	9,075,429	36,802	16,593,824	50
33	16,128	140	35,240	1	200	6,036	3,864	39	2,133	------	14,221	13,110	1,111	94,269	51

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Clothing, women's, dressmaking	767	$322,532	$36,455	$51,524	$66,376	$168,177	872	26	$19,487	2,027	$529,616
53	Clothing, women's, factory product	126	2,865,851	30,055	140,870	173,376	2,521,550	159	348	384,277	4,817	1,518,355
54	Coffee and spice, roasting and grinding	26	2,375,838	87,807	288,750	296,982	1,702,299	18	273	208,035	678	229,703
55	Coffins, burial cases, and undertakers' goods.	14	2,073,415	170,725	367,583	295,854	1,239,253	11	117	138,427	984	410,164
56	Coke	5	84,690	4,100	3,770	72,090	4,730	-------	14	18,760	71	32,710
57	Confectionery	285	1,806,148	135,780	192,466	329,487	1,148,415	329	288	201,218	1,730	545,889
58	Cooperage	163	1,587,151	144,166	192,154	304,254	946,577	186	68	77,205	1,703	692,278
59	Cordage and twine	9	2,147,677	65,415	272,751	624,270	1,185,241	2	47	51,205	1,052	317,909
60	Corsets	10	8,450	250	200	2,700	5,300	10	1	260	33	8,478
61	Cotton goods	3	168,492	700	21,600	56,813	89,379	1	12	11,250	106	27,861
62	Cutlery and edge tools	24	1,114,745	87,200	158,475	238,892	630,178	19	102	107,802	763	375,433
63	Druggists' preparations, not including prescriptions.	12	745,633	30,000	50,000	60,900	604,733	24	150	175,729	269	73,921
64	Dyeing and cleaning	132	235,435	78,098	54,510	59,834	42,996	151	24	10,850	326	132,689
65	Electrical apparatus and supplies	64	7,036,103	239,787	1,338,168	2,081,368	3,376,780	29	394	309,202	3,773	1,502,270
66	Electrical construction and repairs	56	189,670	2,100	3,000	39,158	145,412	69	25	18,718	310	142,460
67	Electroplating	23	116,933	20,000	23,800	49,775	23,358	25	8	4,918	172	74,467
68	Enameling and enameled goods	6	303,276	9,000	53,813	98,363	142,100	4	11	13,966	466	146,325
69	Engraving and diesinking	17	38,935	6,000	10,500	13,775	8,660	23	-------	-------	27	14,062
70	Engraving, steel, including plate printing.	15	62,606	1,500	200	27,090	33,816	14	13	9,050	112	48,135
71	Engraving, wood	12	31,830	600	1,000	8,445	21,785	15	5	3,444	57	31,743
72	Explosives	9	1,972,451	315,000	365,786	373,000	918,665	3	56	92,520	352	178,786
73	Fancy articles, not elsewhere specified	21	158,342	2,900	14,541	53,511	87,390	23	18	10,579	185	57,554
74	Fertilizers	27	1,887,937	98,762	273,879	336,003	1,179,293	26	80	103,608	400	173,888
75	Files	9	219,079	4,400	45,458	88,719	80,502	13	4	4,200	308	119,431
76	Fireworks	6	131,100	6,000	25,600	16,200	83,300	1	18	24,400	342	92,680
77	Fish, canning and preserving	3	56,068	200	1,025	42,943	11,900	3	5	4,160	51	21,600
78	Flags and banners	3	103,734	20,000	30,000	14,757	38,977	1	15	12,540	161	35,448
79	Flavoring extracts	19	191,315	12,625	24,600	19,460	134,630	21	53	74,992	117	38,146
80	Flouring and grist mill products	1,150	12,531,150	863,866	2,811,132	4,584,325	4,271,827	1,621	342	302,791	2,438	1,220,393
81	Food preparations	31	5,185,405	121,817	1,641,139	1,655,037	1,767,412	34	69	72,865	1,100	365,950
82	Foundry and machine shop products	861	68,766,847	4,296,587	9,178,722	16,039,137	39,251,901	760	3,539	3,724,946	41,799	20,563,268
83	Foundry supplies	5	140,440	12,000	16,500	33,200	78,740	2	24	29,056	82	38,234
84	Fruits and vegetables, canning and preserving.	70	910,670	65,490	150,973	200,057	494,150	83	103	58,975	1,608	305,393
85	Fur goods	19	129,782	-------	-------	5,007	124,775	24	11	3,442	122	48,131
86	Furnishing goods, men's	15	185,500	3,000	7,000	20,400	155,100	25	161	49,549	396	87,411
87	Furniture, cabinetmaking, repairing, and upholstering.	303	542,013	60,055	85,835	97,460	298,663	349	51	41,411	605	297,541
88	Furniture, factory product	165	9,585,848	969,385	1,893,960	1,343,805	5,378,698	183	671	578,140	6,723	2,621,895
89	Gas and lamp fixtures	13	430,441	7,000	50,500	95,249	277,692	10	56	48,379	488	158,214
90	Gas and oil stoves	10	2,563,874	143,238	336,389	437,271	1,596,976	4	100	135,748	1,557	706,506
91	Gas, illuminating and heating	73	25,017,057	2,503,885	3,258,561	17,029,003	2,225,658	-------	283	277,204	1,389	601,815
92	Gas machines and meters	7	231,864	22,633	12,511	48,345	198,375	5	26	27,758	121	94,612
93	Glass	28	5,451,513	440,375	1,310,359	1,491,631	2,208,648	9	199	249,029	4,546	2,067,334
94	Glass, cutting, staining, and ornamenting.	21	109,441	-------	-------	26,850	82,591	28	13	11,754	184	91,545
95	Gloves and mittens	10	168,491	2,100	4,900	68,475	93,016	15	3	2,700	178	55,247
96	Grease and tallow	18	366,152	48,550	61,435	100,729	155,438	19	8	8,365	106	56,314
97	Grindstones	20	674,014	254,320	117,495	112,449	189,750	4	50	50,500	1,028	356,168
98	Hairwork	24	38,581	4,200	4,500	2,380	27,501	26	11	4,257	67	18,722
99	Hand knit goods	4	3,815	200	300	1,075	2,240	4	-------	-------	7	1,720
100	Hand stamps	15	20,100	-------	100	9,500	10,500	18	1	120	35	17,958
101	Hardware	30	2,568,500	138,777	461,826	608,037	1,359,860	22	130	141,279	2,662	1,086,405
102	Hardware, saddlery	7	381,816	20,125	69,650	55,465	236,576	5	42	39,796	315	125,093
103	Hats and caps, not including fur hats and wool hats.	26	337,220	3,120	9,415	61,269	263,416	39	39	31,459	656	223,549
104	Hosiery and knit goods	24	1,067,937	40,320	77,046	323,958	626,613	24	56	55,356	1,418	354,369
105	House furnishing goods, not elsewhere specified.	18	1,395,652	52,900	238,957	444,984	658,811	11	54	68,290	493	159,510
106	Ice, manufactured	42	1,777,430	180,742	397,900	1,012,707	186,081	17	79	53,410	299	154,561
107	Ink, printing	4	185,588	4,000	11,200	30,114	140,269	-------	19	30,100	36	19,354
108	Instruments, professional and scientific	11	95,317	6,000	12,000	27,049	50,268	14	15	5,804	67	28,925
109	Iron and steel	107	35,528,552	5,578,396	14,065,733	33,127,902	32,756,521	17	1,231	1,692,501	33,677	19,730,469
110	Iron and steel, bolts, nuts, washers, and rivets.	11	983,984	53,363	118,738	287,513	523,770	8	69	99,472	1,715	691,611
111	Iron and steel, forgings	11	2,177,894	188,766	373,939	709,844	905,345	6	61	97,830	1,154	564,412
112	Iron and steel, nails and spikes, cut and wrought, including wire nails.	3	536,280	30,000	35,000	179,011	292,269	-------	17	21,118	285	125,908
113	Iron and steel, pipe, wrought	3	2,402,062	107,499	574,024	1,064,864	655,675	-------	29	35,995	740	300,353
114	Ironwork, architectural and ornamental.	47	2,484,771	260,229	329,921	515,449	1,379,172	39	253	247,182	1,674	738,153
115	Japanning	5	11,625	5,000	3,000	1,400	2,225	7	-------	-------	11	4,224
116	Jewelry	28	664,348	-------	-------	61,360	602,988	37	36	25,380	249	133,445
117	Kaolin and other earth grinding	10	233,980	32,100	55,000	70,000	76,880	9	12	9,160	129	44,590
118	Kindling wood	3	2,825	500	550	825	950	2	-------	-------	7	2,175
119	Labels and tags	4	36,050	-------	-------	23,500	12,550	4	7	8,196	21	9,843
120	Lamps and reflectors	11	317,894	26,428	31,000	60,758	199,708	9	33	19,906	227	83,019
121	Leather goods	11	427,625	11,550	97,465	83,250	235,360	11	28	17,492	265	91,953

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
94	$50,340	1,926	$478,533	7	$743	$101,920	$81,322	$1,786	$17,839	$973	$440,312	$431,938	$8,374	$1,618,869	52
1,345	687,558	3,463	829,544	9	1,253	467,188	74,922	8,062	154,157	230,047	4,449,451	4,427,977	21,474	7,772,771	53
230	123,976	448	105,727	------	------	128,738	18,286	13,734	96,718	------	4,708,855	4,686,701	22,154	5,849,644	54
802	365,558	182	44,606	------	------	131,826	5,525	11,085	115,216	------	872,063	862,388	9,675	1,800,851	55
71	32,710	------	------	------	------	2,924	220	780	1,924	------	138,296	138,284	12	255,129	56
748	335,946	951	205,282	31	4,661	421,540	91,249	9,201	320,990	100	2,547,031	2,518,115	28,916	4,927,778	57
1,689	688,163	4	1,500	10	2,615	67,705	10,297	8,949	46,789	1,670	1,329,769	1,321,398	8,371	2,517,871	58
725	255,695	315	60,766	12	2,048	96,471	1,151	10,174	85,146	------	2,325,907	2,304,992	20,915	2,957,674	59
------	------	32	8,328	1	150	2,524	1,916	62	546	------	12,253	12,032	221	35,056	60
24	11,482	82	16,379	------	------	17,812	4,844	1,728	11,240	------	142,090	139,295	2,795	231,045	61
714	359,238	47	15,900	2	295	66,408	3,115	4,465	58,266	562	460,825	439,057	21,768	1,104,438	62
150	49,472	117	24,085	2	364	63,192	7,354	2,663	53,175	------	348,352	344,674	3,678	1,013,520	63
187	94,084	135	38,065	4	540	49,707	25,618	2,443	18,336	3,310	69,236	60,668	8,568	428,771	64
2,956	1,315,376	794	181,569	23	5,325	568,201	148,956	24,880	391,990	2,465	3,338,978	3,129,662	209,316	6,504,847	65
299	139,142	7	2,584	4	734	34,098	14,305	877	18,836	80	420,094	417,750	2,344	898,300	66
169	73,167	3	1,300	------	------	11,732	5,263	1,201	5,268	------	38,531	34,404	4,127	179,874	67
287	105,428	179	40,897	------	------	35,878	1,375	1,237	33,266	------	289,041	277,464	11,577	527,825	68
26	13,958	------	------	1	104	3,607	2,564	269	674	100	7,957	7,277	680	46,743	69
83	42,228	29	5,907	------	------	11,967	6,527	167	5,273	------	42,206	41,069	1,137	160,108	70
55	31,535	------	------	2	208	5,518	2,303	112	2,746	357	10,176	9,961	215	88,583	71
350	178,286	2	500	------	------	103,756	1,110	9,198	92,748	700	773,269	749,101	24,168	1,330,489	72
115	39,333	70	18,221	------	------	32,631	6,078	743	25,415	400	138,279	136,205	2,074	298,141	73
394	171,768	5	2,000	1	120	112,317	1,044	3,626	107,447	200	1,016,501	996,153	20,348	1,657,058	74
255	108,181	53	11,250	------	------	4,063	1,771	942	1,350	------	104,183	95,728	8,455	257,330	75
185	60,000	157	32,680	------	------	30,113	614	849	28,650	------	62,549	61,137	1,412	277,050	76
51	21,600	------	------	------	------	2,610	1,400	110	1,100	------	70,406	69,896	510	251,040	77
42	16,006	118	19,274	1	168	5,427	1,200	1,051	3,176	------	82,685	81,324	1,361	172,113	78
50	22,969	67	15,177	------	------	38,365	6,176	1,160	30,529	500	299,459	297,397	2,062	546,891	79
2,393	1,209,466	41	10,547	4	385	626,642	36,651	111,915	478,068	8	31,826,750	31,474,103	352,647	37,390,367	80
651	278,403	389	80,186	60	7,801	390,651	8,593	8,553	373,505	------	5,358,560	5,324,278	29,282	7,166,532	81
41,367	20,467,834	359	81,355	73	14,079	4,806,682	277,302	302,853	3,715,217	511,310	31,578,934	30,465,709	1,113,225	72,399,632	82
80	37,764	------	------	2	470	17,594	3,530	1,179	12,885	------	135,025	128,225	6,800	260,977	83
581	158,919	841	123,826	186	22,648	73,781	4,334	5,486	63,461	------	1,197,269	1,183,281	13,988	1,941,398	84
33	23,547	87	24,338	2	246	28,640	14,011	509	13,320	800	142,183	141,842	341	291,321	85
63	25,870	333	61,541	------	------	35,292	5,193	710	29,389	------	372,665	370,624	2,041	702,782	86
551	284,060	43	11,591	11	1,890	66,004	37,654	3,651	21,144	3,555	491,314	484,328	6,986	1,219,289	87
6,400	2,566,938	230	42,004	93	12,953	562,295	69,151	52,434	418,573	22,137	4,042,083	3,975,612	66,471	9,514,764	88
265	116,019	223	42,195	------	------	46,612	6,256	2,002	33,355	5,000	248,641	242,787	5,854	591,449	89
1,556	706,106	1	400	------	------	149,778	930	10,369	138,479	------	1,322,677	1,292,686	29,991	2,535,328	90
1,387	601,095	2	720	------	------	687,927	3,750	243,759	440,418	------	884,587	852,110	32,477	3,931,423	91
121	94,612	------	------	------	------	12,995	4,860	1,030	7,105	------	174,935	173,625	1,310	370,625	92
3,505	1,844,958	405	96,017	636	126,409	155,512	68	17,260	138,184	------	1,253,164	1,003,759	249,405	4,547,088	93
172	89,121	12	2,424	------	------	12,381	9,426	428	2,527	------	76,613	74,463	2,150	242,869	94
35	14,276	142	40,858	1	113	5,595	1,855	181	3,459	100	140,435	139,415	1,020	253,400	95
105	56,214	------	------	1	100	16,973	794	3,618	12,561	------	772,328	757,014	15,314	925,626	96
1,024	355,518	------	------	4	650	25,586	2,036	4,898	17,092	1,560	207,011	172,676	34,335	906,459	97
3	1,940	64	16,782	------	------	13,635	10,482	516	2,637	------	27,134	26,832	302	89,126	98
2	650	5	1,070	------	------	685	588	4	83	10	2,728	2,703	25	8,469	99
27	15,862	6	1,810	2	286	5,883	3,638	209	1,812	224	10,096	9,603	493	53,995	100
2,437	1,037,534	135	31,875	90	16,996	275,800	12,208	12,986	250,606	------	1,069,278	992,218	77,060	2,926,693	101
309	123,833	6	1,260	------	------	55,913	800	2,950	25,763	26,400	201,621	187,797	13,824	489,186	102
286	130,308	356	90,701	14	2,540	52,013	16,882	1,492	33,639	------	572,847	565,490	7,357	1,003,840	103
154	74,125	1,229	275,317	30	4,927	99,411	14,707	3,338	54,015	27,351	807,673	797,375	10,298	1,576,285	104
449	149,858	41	9,088	3	564	46,134	3,460	8,806	33,868	------	805,832	794,022	11,810	1,394,326	105
297	154,411	------	------	2	150	71,065	1,558	20,139	48,783	585	138,135	48,657	89,478	582,538	106
36	19,354	------	------	------	------	11,099	2,600	694	7,805	------	96,611	94,811	1,800	221,429	107
61	27,551	6	1,374	------	------	7,495	2,762	706	4,027	------	22,403	21,179	1,224	95,690	108
33,499	19,695,032	129	24,468	49	10,969	4,400,859	88,862	222,255	4,061,755	27,987	91,329,307	80,545,325	10,783,982	138,935,256	109
1,424	634,685	58	11,926	233	45,000	69,005	7,605	6,120	55,280	------	1,747,510	1,698,405	49,105	2,799,856	110
1,144	561,292	10	3,120	------	------	54,088	3,565	6,744	43,779	------	1,220,821	1,129,571	91,250	2,386,727	111
226	105,069	57	19,776	2	1,063	37,216	4,200	1,573	31,443	------	568,446	558,467	9,979	868,127	112
740	300,353	------	------	------	------	28,697	------	2,556	26,141	------	1,455,224	1,399,658	55,566	2,211,032	113
1,612	724,268	60	13,570	2	315	298,866	12,935	14,400	243,531	28,000	2,351,286	2,317,308	33,978	4,151,948	114
9	3,940	------	------	2	284	1,197	720	103	374	------	3,799	3,220	579	16,650	115
211	123,051	33	9,924	5	470	53,839	13,937	1,241	23,061	15,600	527,374	524,107	3,267	907,776	116
127	44,190	2	400	------	------	28,848	585	961	27,302	------	87,673	75,664	12,009	259,023	117
4	1,621	------	------	3	551	620	320	25	275	------	1,013	883	130	5,470	118
13	7,944	7	1,699	1	200	16,949	1,901	94	2,954	12,000	21,475	20,877	598	89,344	119
211	80,256	11	1,803	5	960	94,670	1,715	1,963	20,179	70,813	170,589	168,121	2,468	454,180	120
205	82,704	48	8,429	12	820	54,950	2,440	1,795	50,715	------	222,016	216,952	5,064	379,737	121

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
122	Leather, tanned, curried, and finished	58	$5,822,580	$207,860	$690,006	$279,804	$4,644,910	76	74	$80,680	1,384	$617,409
123	Lime and cement	94	3,362,615	1,222,732	549,148	693,828	896,907	87	160	181,735	1,619	700,842
124	Liquors, distilled	26	3,000,277	136,000	438,610	305,275	2,120,392	29	64	85,727	335	179,157
125	Liquors, malt	112	26,822,396	3,564,394	8,592,305	5,651,174	9,014,523	81	547	879,010	3,464	2,292,052
126	Liquors, vinous	52	1,621,836	81,235	307,745	238,969	993,887	49	58	49,259	179	68,163
127	Lithographing and engraving	19	2,771,946	57,513	205,500	1,148,055	1,360,878	10	230	277,336	1,678	835,467
128	Lock and gun smithing	105	68,577	12,550	5,480	26,919	23,628	116	----------	----------	52	21,441
129	Looking-glass and picture frames	125	811,337	121,630	180,950	89,966	418,791	152	74	67,832	691	282,372
130	Lumber and timber products	2,054	13,741,418	3,071,577	939,631	3,267,283	6,462,927	2,800	365	303,421	8,539	3,298,668
131	Lumber, planing mill products, including sash, doors, and blinds.	354	7,498,314	902,774	978,193	1,439,046	4,178,301	485	484	355,979	4,696	2,169,264
132	Malt	14	1,358,054	214,390	327,107	84,703	731,854	18	22	32,112	195	85,995
133	Marble and stone work	133	1,949,685	575,542	186,528	590,929	596,636	160	120	106,083	1,839	869,258
134	Masonry, brick and stone	441	1,489,846	83,885	82,800	301,927	1,021,234	565	99	77,316	4,006	2,198,980
135	Mattresses and spring beds	40	332,714	18,920	27,730	58,364	227,700	49	49	35,657	451	157,799
136	Millinery and lace goods	20	220,808	10,000	57,500	20,764	132,544	30	19	12,050	392	96,489
137	Millinery, custom work	1,231	1,697,807	159,847	260,230	74,842	1,202,888	1,445	276	86,707	2,896	603,478
138	Mineral and soda waters	112	652,736	92,800	84,485	255,795	219,656	130	58	46,193	328	152,289
139	Mirrors	5	243,387	9,200	26,000	72,875	135,312	4	12	11,100	128	54,057
140	Models and patterns	65	294,043	8,568	30,550	81,720	113,205	80	11	10,332	320	170,072
141	Monuments and tombstones	241	885,551	134,207	117,708	84,233	549,403	301	98	57,739	528	304,528
142	Mucilage and paste	12	27,810	4,150	4,575	2,175	16,410	15	1	600	26	8,207
143	Musical instruments and materials, not specified.	16	150,436	50,000	50,000	6,617	43,819	13	5	2,760	40	19,748
144	Musical instruments, organs and materials.	6	79,523	9,800	12,500	7,870	49,353	7	9	1,980	46	23,954
145	Musical instruments, pianos and materials.	12	1,269,913	88,250	232,887	110,361	838,415	13	44	59,282	725	333,639
146	Oil, linseed	7	1,987,221	405,000	227,000	448,000	907,221	--------	25	48,560	147	76,044
147	Oil, not elsewhere specified	15	711,805	11,800	25,641	66,575	607,789	12	148	143,424	93	44,864
148	Optical goods	17	51,655	----------	----------	12,008	39,647	16	3	920	54	27,671
149	Painting, house, sign, etc	887	880,950	87,253	126,313	156,587	510,797	1,062	85	56,020	2,585	1,333,895
150	Paints	45	4,306,499	490,596	474,905	433,921	2,907,077	41	395	470,581	733	336,746
151	Paper and wood pulp	51	7,872,913	919,935	1,585,571	2,661,501	2,705,906	19	196	277,984	3,184	1,118,040
152	Paper goods, not elsewhere specified	14	1,066,431	41,500	143,119	288,975	592,837	11	49	76,350	744	244,439
153	Paper hanging	147	429,282	9,535	21,920	34,383	363,444	167	72	47,839	527	288,390
154	Paper hangings	3	132,789	10,726	15,000	23,412	83,651	3	11	8,596	70	27,882
155	Patent medicines and compounds	139	2,168,037	89,500	193,205	165,289	1,720,043	158	249	240,739	560	198,705
156	Paving and paving materials	192	1,446,477	161,938	117,009	456,115	711,415	221	141	97,578	2,646	1,149,397
157	Pens, fountain and stylographic	4	25,540	350	600	9,350	15,240	6	3	1,669	43	16,515
158	Perfumery and cosmetics	8	64,652	300	200	5,926	58,226	6	13	12,000	40	14,795
159	Petroleum, refining	9	10,912,818	856,225	928,690	4,824,427	4,303,476	2	217	234,209	1,008	551,692
160	Photographic materials	5	10,100	----------	----------	3,600	6,500	6	----------	----------	15	4,756
161	Photography	488	608,123	32,430	62,325	286,076	227,292	547	44	18,592	481	202,982
162	Photolithographing and photoengraving.	18	117,064	9,800	18,200	51,014	38,050	14	36	25,628	200	97,315
163	Pickles, preserves, and sauces	27	519,490	13,860	131,025	79,795	294,810	30	45	61,184	354	132,480
164	Plastering and stuccowork	207	196,211	22,867	26,403	65,156	81,785	256	5	4,120	559	325,410
165	Plated and britannia ware	3	209,374	----------	62,304	83,399	63,671	1	15	22,416	244	115,313
166	Plumbers' supplies	18	789,786	29,937	48,468	160,222	551,159	12	91	107,474	578	242,047
167	Plumbing, and gas and steam fitting	612	2,056,463	153,038	172,900	254,614	1,475,911	787	233	143,853	2,794	1,540,553
168	Pottery, terra cotta, and fire-clay products.	248	15,563,969	1,980,872	5,215,460	2,776,469	5,591,168	225	818	765,915	11,870	5,000,846
169	Printing and publishing, book and job	410	6,330,456	154,120	642,979	3,558,699	1,974,658	458	568	492,547	4,613	2,171,241
170	Printing and publishing, music	6	192,788	----------	----------	14,550	178,238	4	29	24,559	48	22,870
171	Printing and publishing, newspapers and periodicals.	837	11,327,865	651,865	1,103,821	5,557,691	4,014,488	863	1,456	1,277,427	6,360	3,119,596
172	Printing materials	3	16,975	----------	----------	10,600	6,375	3	1	416	10	5,216
173	Pumps, not including steam pumps	30	115,656	7,985	7,450	14,065	86,156	35	13	11,647	83	35,807
174	Regalia and society banners and emblems.	11	923,734	51,074	134,460	70,484	667,716	14	146	119,859	813	199,850
175	Registers, cash	5	4,922,860	49,612	488,547	428,568	3,956,133	1	296	302,835	1,919	1,173,644
176	Roofing and roofing materials	307	1,956,047	162,231	242,766	309,328	1,241,722	370	146	114,388	1,144	551,630
177	Rubber and elastic goods	19	5,989,129	306,369	624,633	900,991	4,157,136	17	318	305,449	3,505	1,281,038
178	Saddlery and harness	850	3,203,189	326,555	531,260	310,752	2,034,622	952	208	167,023	2,229	863,330
179	Safes and vaults	10	3,500,778	159,000	419,820	1,054,937	1,927,021	2	124	141,056	1,327	678,866
180	Salt	10	796,841	78,047	268,400	308,000	142,394	3	48	42,218	678	243,397
181	Sausage	6	40,550	10,300	21,150	5,000	4,100	6	----------	----------	19	11,150
182	Saws	11	326,301	24,525	32,232	105,946	163,598	14	22	18,995	165	78,857
183	Scales and balances	5	291,777	7,000	5,000	77,000	202,777	1	44	36,037	316	158,819
184	Screws, wood	3	1,209,500	70,000	255,000	456,000	428,500	--------	40	59,727	635	187,300
185	Sewing machine repairing	20	16,620	8,300	2,200	3,390	7,730	23	6	3,052	17	7,473
186	Sewing machines and attachments	5	3,404,137	96,000	328,660	692,420	2,287,057	--------	157	208,094	1,306	739,621
187	Ship and boat building, wooden	31	283,940	90,050	35,880	52,785	105,225	37	14	9,445	303	161,123
188	Shirts	58	302,392	1,300	5,500	36,740	258,852	71	86	38,870	733	175,136
189	Shoddy	6	1,397,746	120,500	138,000	408,700	730,546	--------	35	55,225	474	164,579
190	Show cases	9	80,309	12,800	8,100	19,235	40,174	13	12	9,150	100	50,917
191	Slaughtering and meat packing, wholesale.	60	5,224,226	274,665	688,071	482,606	3,778,884	76	313	266,001	1,700	775,288

SPECIFIED INDUSTRIES: 1900—Continued.

AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES—continued.						MISCELLANEOUS EXPENSES.					COST OF MATERIALS USED.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
1,384	$617,409					$160,315	$3,090	$15,488	$109,706	$32,031	$3,774,298	$3,745,759	$28,539	$5,182,065	122
1,602	697,099	7	$1,400	10	$2,343	147,888	12,391	13,766	118,847	7,884	1,082,664	709,059	373,605	2,709,481	123
317	174,798	12	3,868	6	491	9,622,583	5	15,550	9,607,028		1,438,507	1,360,966	77,541	12,417,268	124
3,420	2,284,958	5	852	39	6,842	3,194,240	12,120	217,434	7,874,686		4,277,812	3,895,656	382,156	18,522,639	125
170	67,227	8	756	1	180	69,718	4,810	7,154	57,754		428,879	419,032	9,847	801,684	126
1,362	761,944	314	73,183	2	340	159,370	28,313	9,324	117,587	4,146	1,100,663	1,085,235	15,428	2,731,956	127
48	20,564	3	775	1	102	12,639	10,047	519	2,063	10	24,661	22,370	2,291	126,478	128
627	268,400	37	10,566	27	3,406	82,755	23,639	6,337	52,379	400	482,153	474,515	7,638	1,114,220	129
3,402	3,274,682	79	16,306	58	7,680	508,562	57,272	81,052	370,238		11,296,045	11,285,923	10,122	20,790,854	130
4,651	2,160,825	24	5,416	21	3,023	468,548	52,391	59,897	277,088	79,172	6,549,648	6,479,537	70,111	11,066,671	131
135	85,095					61,019	10,908	8,811	41,300		915,422	877,686	37,736	1,166,268	132
1,828	866,533	5	1,500	6	1,225	141,229	25,300	10,081	90,785	15,063	610,779	557,440	53,339	2,071,249	133
4,005	2,198,833			1	147	1,013,913	15,255	4,938	51,941	941,779	2,676,464	2,653,926	22,538	7,148,133	134
305	115,735	144	41,864	2	200	48,961	13,811	2,090	33,060		583,932	578,844	5,088	985,990	135
43	23,267	349	73,222			18,821	9,535	801	6,873	1,612	324,459	322,944	1,515	547,540	136
14	6,442	2,368	595,667	14	1,369	352,993	249,347	14,935	87,671	7,040	2,505,821	2,487,632	18,189	4,756,099	137
317	149,276	5	1,781	6	1,232	108,908	13,886	5,460	89,562		773,959	756,705	17,254	1,731,684	138
120	51,579	6	2,250	2	228	12,676	2,680	410	9,586		282,928	279,939	2,989	387,417	139
316	168,902	4	1,170			19,153	9,136	1,140	7,127	1,750	76,432	70,519	5,913	406,624	140
525	303,473	3	1,055			86,938	16,201	7,168	42,307	21,262	1,063,653	1,056,581	7,072	1,928,217	141
17	6,901	8	1,206	1	100	1,934	990	231	613	100	15,806	15,469	337	46,931	142
85	18,340	5	1,408			14,799	2,736	310	10,353	1,400	21,832	20,963	869	70,219	143
45	23,804	1	150			3,892	220	335	3,337		22,115	21,400	715	63,406	144
704	323,202	21	10,437			115,287	6,027	5,350	103,910		687,621	679,463	8,158	1,387,454	145
147	76,044					72,931		6,074	66,857		2,888,681	2,870,132	18,549	3,114,655	146
93	44,864					133,911	7,589	1,366	123,597	1,359	890,516	881,654	8,862	1,505,889	147
43	24,856	8	2,332	3	483	9,675	6,087	281	3,307		42,302	41,256	1,046	121,695	148
2,512	1,329,044	13	2,894	10	1,957	133,537	60,894	4,933	62,988	4,722	1,053,290	1,048,080	5,210	3,570,218	149
635	303,493	98	33,253			618,050	23,576	32,090	502,384	60,000	3,204,558	3,168,453	36,105	5,165,001	150
2,542	971,232	629	143,630	13	3,178	479,386	5,508	40,881	432,997		3,768,572	3,283,277	485,295	6,543,513	151
432	181,961	312	62,478			60,791	5,122	3,850	51,819		1,383,209	1,358,029	25,180	2,691,494	152
490	278,469	34	9,539	3	382	56,082	36,485	1,941	17,256	400	468,743	466,487	2,256	1,155,400	153
58	25,482	12	2,400			9,444	812	732	8,400		57,886	56,066	1,820	117,472	154
261	127,362	293	70,751	6	592	1,232,904	27,727	7,458	1,198,619	4,100	1,083,869	1,022,848	11,021	3,673,040	155
2,633	1,147,317			13	2,080	102,402	13,912	6,292	68,329	13,869	1,416,227	1,392,226	24,001	3,305,701	156
27	12,495	15	3,700	1	320	2,964	1,400	37	1,527		22,189	21,774	415	52,000	157
10	7,267	30	7,528			35,528	1,905	248	33,375		62,685	62,477	208	155,826	158
965	541,261	43	10,431			620,061	4,747	53,655	561,259	400	6,177,048	5,851,457	325,591	8,396,977	159
8	3,342	7	1,414			3,435	700	114	2,371	250	9,799	9,491	308	32,025	160
279	146,141	191	55,337	11	1,504	141,390	98,715	4,440	36,879	1,356	865,104	855,682	9,422	1,270,195	161
181	91,059	18	6,156	1	100	15,682	5,240	579	7,313	2,550	46,872	44,079	2,793	232,297	162
169	87,898	185	44,582			131,652	7,145	3,011	119,996	1,500	734,204	728,317	5,887	1,305,249	163
558	325,261			1	149	16,132	6,403	1,152	7,245	1,332	305,371	304,485	886	905,797	164
238	113,463	6	1,850			11,208	1,380	1,236	8,152	440	144,894	142,998	1,896	324,676	165
577	241,527			1	520	55,367	13,022	3,698	37,547	1,100	622,748	611,310	11,438	1,204,765	166
2,772	1,536,110	4	1,145	18	3,298	222,099	112,443	12,465	83,381	13,810	3,466,857	3,440,789	26,068	6,743,144	167
9,621	4,453,264	2,148	527,777	101	19,805	691,591	21,694	80,224	562,536	27,137	3,229,385	2,260,395	968,990	11,851,225	168
3,413	1,856,288	1,132	304,830	68	10,123	823,070	157,826	31,160	397,570	236,514	2,749,600	2,674,970	74,630	7,941,570	169
32	19,908	6	1,560	10	1,402	135,090	2,400	3,172	77,483	51,945	23,761	23,370	391	260,658	170
4,907	2,784,987	1,149	300,146	301	31,463	1,783,296	184,756	60,616	1,153,319	334,605	2,883,006	2,779,464	103,542	12,189,640	171
10	5,216					1,947	1,385	30	532		14,432	14,320	112	34,000	172
83	35,807					7,775	3,519	653	3,603		90,064	89,067	997	193,335	173
222	89,561	589	110,081	2	208	223,767	8,922	7,330	207,215	300	929,173	924,702	4,471	1,624,065	174
1,738	1,109,404	181	64,240			903,984	2,379	7,423	894,182		857,749	828,959	28,790	5,414,711	175
1,133	519,635	5	1,112	6	883	132,667	33,978	10,659	85,638	2,392	2,904,347	2,886,979	17,368	4,624,810	176
2,576	1,025,815	905	249,658	24	5,565	305,446	3,110	38,217	264,079	40	4,757,204	4,650,270	106,934	7,330,104	177
1,849	780,910	340	76,145	40	6,275	224,243	78,912	24,084	120,857	390	2,953,855	2,930,728	23,127	5,111,345	178
1,319	677,410			8	1,456	125,668	7,730	10,949	106,989		1,123,010	1,102,437	20,573	2,407,655	179
543	215,975	133	27,102	2	320	93,342		6,656	85,709	977	423,875	274,636	149,239	818,200	180
19	11,150					1,424	144	438	842		79,398	78,366	1,032	106,877	181
165	78,857					11,688	3,402	1,453	6,833		131,467	125,479	5,988	325,918	182
311	157,319	5	1,500			76,612	3,060	1,277	22,275	50,000	257,580	253,727	3,853	634,058	183
353	146,500	282	40,800			46,183		6,832	39,351		253,054	245,054	8,000	630,608	184
14	7,121	1	150	2	202	3,411	1,834	134	1,443		14,306	14,090	216	45,020	185
1,275	732,457	18	4,980	13	2,184	166,987	3,200	14,615	149,172		1,445,745	1,433,046	12,699	2,922,959	186
368	161,123					23,908	3,360	1,704	6,994	11,850	202,516	199,479	3,037	485,581	187
69	35,152	663	139,880	1	104	50,986	13,458	712	19,454	17,367	405,340	401,749	3,591	833,258	188
229	102,736	245	61,843			69,259	540	5,495	63,224		1,077,529	1,055,619	21,910	1,478,712	189
94	49,427	2	490	4	1,000	10,925	3,240	733	6,952		80,515	78,955	1,560	189,416	190
1,652	762,404	29	8,656	19	4,228	619,628	26,120	24,262	569,246		17,006,794	16,922,355	84,439	19,609,304	191

TABLE 7.—MANUFACTURES BY

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
192	Slaughtering, wholesale, not including meat packing.	11	$131,400	$22,175	$32,550	$22,175	$54,500	14			65	$36,110
193	Soap and candles	55	7,655,594	600,720	1,852,268	910,350	4,292,256	53	360	$390,180	1,427	572,301
194	Sporting goods	9	314,202	6,800	21,200	59,803	226,399	6	26	20,321	349	127,059
195	Stamped ware	8	767,370	123,000	107,000	303,366	234,004	5	34	36,239	384	136,719
196	Starch	5	2,073,209	705,000	875,000	269,703	223,506		31	39,815	199	78,159
197	Stationery goods, not elsewhere specified.	5	1,402,655	80,500	124,490	247,501	950,164	5	91	83,777	968	268,741
198	Steam fittings and heating apparatus	22	1,444,658	135,946	208,400	229,215	871,097	14	98	96,237	677	374,689
199	Stencils and brands	10	145,940	34,000	50,640	43,000	18,300	12	5	2,816	71	35,293
200	Stereotyping and electrotyping	12	193,884			86,608	107,276	12	38	33,489	186	108,050
201	Sugar and molasses, refining	21	97,349	1,257	4,090	18,469	73,533	26	8	11,870	26	9,972
202	Surgical appliances	12	20,250	1,000	1,000	4,495	13,755	14			30	11,900
203	Taxidermy	5	4,480			580	3,900	5			1	156
204	Tin and terne plate	12	1,153,265	53,300	101,335	405,327	593,303	1	88	33,301	697	394,676
205	Tinsmithing, coppersmithing, and sheet-iron working.	885	8,427,962	306,448	498,269	763,832	1,859,413	1,052	240	201,030	3,395	1,436,861
206	Tobacco, chewing, smoking, and snuff	19	2,081,858	34,421	181,660	350,316	1,515,461	18	162	242,606	1,037	389,831
207	Tobacco, cigars and cigarettes	1,129	4,579,159	184,358	309,980	320,178	3,764,643	1,273	372	363,170	9,046	3,016,072
208	Tobacco, stemming and rehandling	48	2,878,088	52,875	207,268	39,176	2,579,369	85	64	86,414	2,056	552,593
209	Tools, not elsewhere specified	41	1,390,653	88,450	238,642	484,005	579,556	40	83	79,104	832	391,674
210	Toys and games	16	306,630	23,301	36,804	61,599	184,926	17	31	16,062	350	102,719
211	Trunks and valises	23	356,259	22,300	36,500	41,857	255,602	29	49	40,150	428	159,664
212	Umbrellas and canes	20	306,209	2,500	20,700	57,579	225,430	20	49	32,375	292	90,173
213	Upholstering materials	13	473,543	35,900	64,750	146,070	226,823	18	19	26,646	188	66,491
214	Varnish	20	1,195,885	90,081	163,352	84,519	857,933	21	120	165,317	109	76,841
215	Vinegar and cider	118	265,582	28,257	57,888	94,224	85,213	143	18	18,617	102	34,367
216	Washing machines and clothes wringers.	17	80,690	2,900	7,700	19,062	51,028	19	16	8,685	68	31,469
217	Watch, clock, and jewelry repairing	736	544,596	70,815	81,420	184,895	207,466	783	5	2,430	534	276,304
218	Whips	4	184,180	4,000	26,571	27,803	125,756		45	42,894	146	40,429
219	Windmills	3	240,882	5,453	63,536	10,297	161,596	4	14	13,527	110	52,259
220	Window shades	4	121,210			7,210	114,000	6	10	7,680	60	26,715
221	Wirework, including wire rope and cable.	48	1,170,203	64,600	176,552	336,840	592,211	49	88	68,057	977	352,362
222	Wood, turned and carved	97	1,169,790	169,691	194,546	284,418	521,135	110	55	53,225	980	386,185
223	Woodenware, not elsewhere specified	8	186,460	13,240	41,500	29,200	102,520	12	12	6,827	140	57,774
224	Woolen goods	35	1,591,445	112,745	280,978	472,411	725,311	28	57	64,776	636	201,517
225	All other industries[1]	87	12,633,102	1,183,930	1,646,642	3,508,887	6,293,643	68	423	530,842	7,466	3,548,455

[1] Embraces axle grease, 1; babbitt metal and solder, 2; bells, 2; bone, ivory, and lamp black, 1; bronze castings, 1; calcium lights, 1; chocolate and cocoa products, 1; clocks, 1; copper, smelting and refining, 1; cordials and sirups, 2; cork, cutting, 1; cotton small wares, 1; cotton waste, 1; dentists' materials, 1; drug grinding, 1; dyeing and finishing textiles, 1; emery wheels, 1; engravers' materials, 1; envelopes, 1; felt goods, 2; fire extinguishers, chemical, 1; fur hats, 1; galvanizing, 2; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 2; hammocks, 2; horseshoes, factory product, 1; ink, writing, 2; iron and steel, doors and shutters, 1; lard, refined, 1; lasts, 2; lead, bar, pipe, and sheet, 2; matches, 2; nets and seines, 1; oil, cottonseed and

TABLE 8.—MANUFACTURES IN CITIES

AKRON.

1	All industries	431	$24,199,310	$1,208,661	$4,596,380	$5,970,113	$12,424,156	427	1,130	$1,019,025	9,030	$3,971,307
2	Bicycle and tricycle repairing	5	2,830			1,145	1,685	6			3	1,025
3	Blacksmithing and wheelwrighting	31	21,080	8,110	5,150	3,340	4,480	34			25	14,124
4	Boots and shoes, custom work and repairing.	30	3,472	525	475	1,695	777	31			4	1,600
5	Bread and other bakery products	19	26,717	2,725	6,575	8,711	8,706	18	9	4,309	34	15,905
6	Brick and tile	3	84,813	15,000	28,600	12,539	28,674	6	4	2,510	72	29,299
7	Brooms and brushes	3	2,640	700	625	340	975	3			6	2,920
8	Carpentering	16	40,469	3,600	9,400	6,004	21,465	19	4	2,430	97	44,533
9	Carriage and wagon materials	3	146,292	22,937	43,754	29,109	50,492		14	14,450	133	62,365
10	Carriages and wagons	5	59,375	18,000	10,100	5,475	25,800	6	3	2,350	24	11,134
11	Clothing, men's, custom work and repairing.	27	37,544	2,200	825	2,150	32,369	29	1	1,200	92	40,251
12	Clothing, women's, dressmaking	9	2,075			1,545	530	9	4	2,500	68	11,976
13	Confectionery	3	25,150	2,400	3,200	8,525	11,025	3	4	3,504	35	18,058
14	Electrical apparatus and supplies	3	77,900	10,400	11,000	12,500	44,000	1	2	4,700	27	12,116
15	Foundry and machine shop products	19	3,539,551	145,108	416,460	397,753	2,580,230	13	207	154,646	1,171	603,560
16	Furniture, cabinetmaking, repairing, and upholstering.	7	17,102	6,900	1,200	2,707	6,295	7	1	275	14	7,090
17	Looking-glass and picture frames	5	4,330			530	3,800	6	1	900	7	4,000
18	Lumber, planing mill products, including sash, doors, and blinds.	6	210,219	10,120	11,388	15,141	173,570	10	11	10,700	109	53,450
19	Masonry, brick and stone	12	22,490	600	1,200	5,290	15,400	15	1	600	107	61,750
20	Millinery, custom work	14	47,150	7,000	5,000	1,150	34,000	16	8	4,680	64	20,350
21	Painting, house, sign, etc	19	128,499	4,850	28,968	32,855	61,826	21	7	7,953	109	61,000
22	Patent medicines and compounds	6	48,416	500	500	1,300	46,116	5	3	2,600	5	1,191
23	Photography	11	14,985		125	8,265	6,595	14	1	450	10	4,048
24	Plastering and stuccowork	3	1,475			425	1,050	3			12	8,200
25	Plumbing, and gas and steam fitting	10	32,040			3,290	28,750	17	4	1,920	54	25,979
26	Pottery, terra cotta, and fire-clay products.	18	1,455,246	150,567	637,284	315,571	351,824	8	45	42,229	900	411,849

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.										
65	$36,110					$19,380	$780	$930	$17,670		$921,159	$917,268	$3,891	$1,051,476	192
988	473,755	401	$93,002	38	$5,544	1,182,185	12,969	37,524	1,122,600	$9,092	5,049,219	4,944,710	104,509	8,150,069	193
164	75,619	185	51,440			22,801	1,985	1,452	19,364		578,818	569,185	4,633	797,534	194
373	135,472	11	1,247			23,942	4,440	2,919	16,583		297,849	287,980	9,869	570,610	195
157	67,949	39	9,850	8	360	84,396	1,930	5,488	76,978		572,168	558,138	14,030	940,511	196
280	141,571	672	124,320	16	2,850	33,188	3,520	4,367	25,301		448,006	438,448	9,558	977,367	197
671	372,481	1	208	5	2,000	72,204	8,426	5,924	48,531	9,323	610,082	594,300	15,782	1,495,724	198
63	34,343			8	950	7,389	2,645	986	3,658	100	19,540	18,445	1,095	91,218	199
180	106,550	4	1,050	2	450	28,369	7,916	839	19,614		82,368	76,510	5,858	317,041	200
24	9,612	1	236	1	124	18,278	1,900	378	16,005		96,024	94,802	1,222	167,625	201
12	7,348	16	4,194	2	358	3,044	1,927	64	1,053		7,232	6,939	293	41,070	202
				1	156	752	650	34	68		1,435	1,385	50	5,040	203
564	358,649	133	41,027			38,963	1,800	3,631	33,532		5,012,175	4,997,786	14,389	6,023,314	204
2,829	1,317,350	422	93,086	144	26,425	268,601	101,216	22,524	137,186	7,645	3,972,984	3,928,677	44,307	7,250,109	205
657	268,323	430	121,558			3,001,133	10,039	13,926	2,977,168		1,917,219	1,895,866	21,353	5,752,353	206
8,738	1,642,778	5,156	1,351,179	152	22,115	2,613,678	142,744	22,537	2,447,769	628	3,717,825	3,697,039	20,786	11,239,824	207
776	283,077	1,237	264,405	43	5,111	141,173	8,497	13,483	116,193	3,000	2,587,583	2,582,421	5,162	3,839,952	208
728	373,544	103	21,010	1	120	101,708	7,830	4,762	87,049	2,067	411,705	393,669	18,036	1,350,441	209
252	84,129	91	17,620	7	970	24,218	1,859	1,090	20,569	700	166,498	163,516	2,982	348,307	210
368	147,964	43	9,222	17	2,478	37,098	17,820	2,357	16,921		358,370	354,683	3,687	696,988	211
134	46,649	155	42,900	3	624	20,686	9,952	1,759	8,975		306,555	303,376	3,179	518,994	212
139	53,961	47	12,180	2	350	23,095	4,696	2,515	15,884		423,067	418,514	4,553	614,346	213
108	76,541	1	300			165,960	5,110	8,494	152,356		910,910	901,678	9,232	1,538,623	214
94	32,867	6	1,340	2	160	18,756	663	1,777	16,296		147,999	141,641	6,358	302,405	215
67	31,349			1	120	7,831	3,740	538	3,553		129,534	126,767	2,767	214,604	216
497	268,508	24	6,261	13	1,535	102,009	74,207	4,877	18,485	4,490	207,698	199,168	8,530	1,021,897	217
84	27,470	62	12,959			26,366		1,179	25,187		131,192	129,837	1,355	267,879	218
110	52,259					9,774	140	3,262	6,372		95,744	95,104	640	174,396	219
41	21,615	19	5,100			9,045	5,400	405	3,240		202,190	201,330	860	283,935	220
903	331,576	73	20,606	1	180	92,689	9,099	7,078	74,512	2,000	803,813	794,342	9,471	1,528,375	221
960	383,200	13	2,222	7	763	62,861	10,648	6,393	38,620	7,205	794,605	784,031	10,574	1,526,720	222
139	57,674			1	100	21,025	781	1,761	18,483		83,452	80,267	3,185	205,600	223
266	110,850	341	87,037	29	3,660	86,394	2,100	7,936	76,358		869,236	851,189	18,047	1,321,751	224
6,198	3,208,656	1,233	334,295	35	5,504	1,228,886	38,393	45,552	870,564	274,377	9,870,163	9,720,222	149,941	17,606,694	225

cake, 1; oil, lard, 1; oilcloth, enameled, 1; oilcloth, floor, 1; oleomargarine, 2; pens, gold, 1; pens, steel, 1; photographic apparatus, 2; pipes, tobacco, 1; refrigerators, 1; rules, ivory and wood, 1; sewing machine cases, 1; shipbuilding, iron and steel, 2; silversmithing, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 2; steam packing, 2; straw goods, not elsewhere specified, 1; type founding, 1; typewriter repairing, 2; typewriters and supplies, 1; vault lights and ventilators, 2; watch cases, 2; watches, 2; wheelbarrows, 2; wire, 1; wool pulling, 2; worsted goods, 1.

BY SPECIFIED INDUSTRIES: 1900.

AKRON.

7,299	$3,529,449	1,666	$433,314	65	$8,544	$1,779,804	$56,626	$111,104	$1,236,162	$375,912	$13,474,282	$13,114,806	$359,476	$28,610,099	1
3	1,025					699	528	6	165		1,388	1,335	53	5,500	2
25	14,124					2,645	2,171	181	293		14,380	13,436	944	58,252	3
4	1,600					1,608	1,577	13	18		7,966	7,763	203	26,442	4
31	15,255	3	650			4,516	3,071	363	1,082		51,659	49,089	2,570	94,772	5
72	29,299					7,636		434	7,202		17,998	988	17,010	75,769	6
6	2,920					299	224	20	55		3,578	3,563	15	8,950	7
97	44,533					13,057	786	267	1,562	10,442	142,072	141,545	527	257,574	8
133	62,365					12,632		1,070	11,562		78,099	75,566	2,533	186,798	9
24	11,134					2,914	150	495	1,469	800	14,465	13,930	535	39,643	10
64	33,111	28	7,140			7,076	5,778	186	1,112		41,072	40,593	479	120,929	11
		68	11,976			4,091	4,039		52		21,450	21,400	50	53,450	12
23	13,654	12	4,404			2,352	1,600	310	442		30,630	29,585	1,045	70,000	13
26	11,700	1	416			3,348	50	258	3,040		14,613	13,553	1,060	41,250	14
1,165	606,310	6	2,250			244,777	352	15,162	119,693	109,570	745,852	715,361	30,491	2,094,789	15
13	6,990	1	100			1,697	779	142	776		8,353	8,067	286	23,528	16
6	3,550	1	450			672	599		73		12,422	12,395	27	24,675	17
109	53,450					7,303	1,325	966	4,612	400	82,446	81,941	505	192,650	18
107	61,750					809	385	71	353		71,760	71,655	105	167,708	19
		64	20,350			21,528	8,548	610	12,370		66,506	66,224	282	133,698	20
105	60,040	4	960			23,595	618	149	22,828		125,495	124,138	1,357	256,006	21
1	450	4	744			11,124	555	86	10,483		13,435	13,345	90	36,250	22
7	3,473	3	575			2,626	2,229	29	368		11,282	11,046	236	32,367	23
12	8,200										7,575	7,575		19,300	24
54	25,979					5,803	2,523	233	3,047		64,502	64,352	150	120,453	25
785	387,399	113	24,150	2	300	64,474		12,307	49,667	2,500	215,456	101,273	114,183	867,116	26

TABLE 8.—MANUFACTURES IN CITIES

AKRON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
27	Printing and publishing, book and job	13	$2,195,040	$40,150	$500,050	$1,018,589	$636,251	10	111	$98,611	903	$431,763
28	Printing and publishing, newspapers and periodicals.	5	217,390	5,000	5,000	126,000	81,390	1	37	44,780	46	33,967
29	Roofing and roofing materials	11	52,229	9,250	3,850	6,059	33,070	14	8	4,880	74	30,931
30	Rubber and elastic goods	8	4,642,896	279,603	506,879	824,444	3,031,970	6	259	233,993	2,677	1,005,405
31	Saddlery and harness	12	19,385	1,400	950	2,310	14,675	13	1	900	11	6,085
32	Tinsmithing, coppersmithing, and sheet-iron working.	8	61,265	4,350	12,850	10,990	33,075	9	9	5,713	37	17,334
33	Tobacco, cigars and cigarettes	7	4,803	1,350	700	133	2,620	7			9	3,816
34	Watch, clock, and jewelry repairing	14	6,750			4,075	2,675	14			12	4,725
35	All other industries[1]	66	10,947,742	455,316	2,344,272	3,100,158	5,047,996	58	371	365,242	2,079	904,505

[1] Embraces agricultural implements, 2; awnings, tents, and sails, 2; belting and hose, leather, 1; bicycles and tricycles, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; carpets, rag, 1; china decorating, 1; cleansing and polishing preparations, 2; coffee and spice, roasting and grinding, 1; cooperage, 1; cordage and twine, 1; dyeing and cleaning, 2; electrical construction and repairs, 2; electroplating, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; files, 1; flavoring extracts, 1; flouring and grist mill products, 2; food preparations, 1; gas, illuminating and heating, 1; hand stamps, 1; hardware, 1;

CANTON.

1	All industries	502	$10,094,813	$935,518	$1,625,524	$1,959,271	$5,574,500	541	562	$523,561	6,455	$2,970,245
2	Agricultural implements	6	2,473,863	202,360	223,474	281,480	1,766,540	1	102	99,818	586	267,619
3	Bicycle and tricycle repairing	12	8,480	1,000	1,000	3,275	3,205	18			12	6,297
4	Blacksmithing and wheelwrighting	21	17,015	4,600	3,900	2,640	5,875	23			17	7,290
5	Boots and shoes, custom work and repairing.	29	11,778	800	1,550	2,965	6,463	29			12	6,313
6	Bottling	3	20,150	5,000	12,000	200	2,950	3	1	572	9	4,292
7	Bread and other bakery products	11	34,806	2,700	5,500	11,950	14,656	15	1	720	47	20,551
8	Brick and tile	3	465,139	71,470	191,358	70,242	132,069		9	8,980	171	83,481
9	Carpentering	28	144,380	23,200	15,100	11,885	94,195	30	2	1,500	212	111,587
10	Carpets, rag	3	2,395	200	200	325	1,670	3			2	452
11	Carriages and wagons	7	34,800	7,600	5,900	3,375	17,925	12	1	150	33	15,487
12	Clothing, men's, custom work and repairing.	28	19,689	2,350	2,450	2,810	12,079	31	3	1,174	86	39,303
13	Clothing, women's, dressmaking	52	21,132	975	1,600	5,320	13,237	59			110	24,373
14	Confectionery	9	41,610	3,600	6,700	5,300	26,010	10	12	7,000	28	8,534
15	Dyeing and cleaning	6	2,975	400	300	1,740	535	6			8	3,370
16	Electrical construction and repairs	3	6,905			6,100	805	3			6	2,702
17	Flouring and grist mill products	3	51,000	13,000	10,000	22,000	6,000	3	3	1,600	7	4,858
18	Foundry and machine shop products	16	611,760	48,131	118,128	125,388	320,113	16	35	28,854	446	201,482
19	Furniture, cabinetmaking, repairing, and upholstering.	3	5,200	500	50	850	3,800	3			3	1,460
20	Furniture, factory product	5	382,315	28,038	68,759	40,916	244,602	1	27	34,020	236	110,926
21	Hardware, saddlery	3	284,816	15,200	57,650	41,265	120,701	4	16	16,166	225	87,637
22	Iron and steel	3	768,783	67,531	98,180	283,105	319,967		30	48,220	371	212,231
23	Ironwork, architectural and ornamental.	4	712,655	34,700	92,103	99,007	486,845	2	64	47,518	304	109,220
24	Lamps and reflectors	3	150,434	19,428	6,000	7,123	117,883	3	22	11,858	64	23,974
25	Lock and gun smithing	3	1,550			1,100	450	3				
26	Looking-glass and picture frames	4	8,085			450	7,635	4			6	2,850
27	Masonry, brick and stone	22	62,995	11,550	16,040	10,115	25,290	26			136	99,794
28	Millinery, custom work	10	16,123			643	15,480	13			45	16,118
29	Painting, house, sign, etc	30	52,522	9,735	10,690	4,140	27,957	37			71	41,917
30	Paving and paving materials	6	11,810	400	900	4,925	5,585	8			48	24,454
31	Photography	11	16,725		1,150	7,700	7,875	11			11	4,839
32	Plastering and stuccowork	9	9,355	1,500	2,600	1,010	4,245	9			27	20,712
33	Plumbing, and gas and steam fitting	7	61,275	3,300	4,500	3,525	49,950	6	12	8,881	69	36,223
34	Pottery, terra cotta, and fire-clay products.	3	181,800	6,000	58,500	50,000	17,300	3	5	5,000	76	27,734
35	Printing and publishing, book and job	7	31,875	1,500	1,000	26,600	2,775	7			23	10,329
36	Printing and publishing, newspapers and periodicals.	4	84,121	8,000	2,000	44,500	29,621	1	12	11,876	80	36,140
37	Roofing and roofing materials	5	80,800	400	950	15,575	63,875	5	5	4,400	23	12,692
38	Saddlery and harness	8	170,117	6,000	46,000	19,536	98,581	8	12	10,715	207	62,656
39	Tinsmithing, coppersmithing, and sheet-iron working.	17	27,096	4,200	5,575	4,060	13,261	18	2	600	35	16,563
40	Tobacco, cigars and cigarettes	15	13,478	850	1,500	1,420	9,708	15	3	1,416	48	13,647
41	Watch, clock, and jewelry repairing	8	7,078	300	700	2,220	3,858	9			9	4,892
42	Wood, turned and carved	3	8,840	3,150	1,100	3,155	1,435	3			14	5,003
43	All other industries[1]	69	3,077,088	325,850	550,417	729,327	1,471,494	80	183	172,520	2,537	1,180,143

[1] Embraces baking and yeast powders, 1; bicycles and tricycles, 1; bookbinding and blank book making, 2; boxes, wooden packing, 1; bridges, 1; brooms and brushes, 2; carriage and wagon materials, 2; carriages and sleds, children's, 2; cars and general shop construction and repairs by steam railroad companies, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 2; cutlery and edge tools, 2; electrical apparatus and supplies, 1; fancy articles, not elsewhere specified, 2; fertilizers, 1; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 2; gas, illuminating and heating, 1; hardware, 1; ice, manufactured, 1; leather goods, 2; liquors, malt, 1; lumber, planing mill products, including sash, doors, and blinds, 2; marble and stone work, 2;

BY SPECIFIED INDUSTRIES: 1900—Continued.

AKRON—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.										
583	$347,545	320	$84,218			$375,444	$4,090	$13,141	$193,013	$165,200	$535,907	$527,107	$8,800	$1,821,296	27
42	32,447	4	1,520			84,241	1,480	409	1,852	80,500	25,732	24,142	1,590	227,309	28
74	30,931					1,903	864	320	719		99,883	99,596	287	160,578	29
2,098	858,171	574	146,169	5	$1,065	223,597	600	34,556	188,541		3,571,677	3,484,391	87,286	5,524,674	30
11	6,085					1,487	1,067	106	314		17,466	17,281	185	37,613	31
37	17,334					9,596	925	52	3,619	5,000	22,763	22,300	463	60,427	32
9	3,816					2,192	276	37	1,879		8,789	8,708	81	21,990	33
12	4,725					2,054	1,720	39	295		2,614	2,545	69	18,025	34
1,561	770,084	460	127,242	58	7,179	631,909	7,717	29,086	593,606	1,500	7,324,997	7,239,018	85,979	10,724,727	35

ice, manufactured, 1; ink, printing, 1; ironwork, architectural and ornamental, 1; lime and cement, 1; liquors, malt, 2; lock and gun smithing, 2; mineral and soda waters, 2; mirrors, 1; models and patterns, 2; monuments and tombstones, 2; oilcloth, enameled, 1; paper and wood pulp, 1; pens, fountain and stylographic, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 2; pickles, preserves, and sauces, 1; pumps, not including steam pumps, 1; salt, 1; sewing machine repairing, 1; ship and boat building, wooden, 2; shirts, 1; soap and candles, 1; sporting goods, 1; varnish, 2; wood, turned and carved, 2.

CANTON.

5,530	$2,735,277	903	$231,657	22	$3,311	$1,081,809	$45,345	$49,913	$765,648	$220,908	$5,604,399	$5,406,648	$197,756	$12,258,427	1
586	267,619					139,608		7,747	131,861		539,262	528,397	10,865	1,184,949	2
12	6,297					1,825	1,244	45	536		17,570	17,227	343	38,863	3
17	7,290					2,144	1,805	185	154		11,128	10,410	718	39,882	4
12	6,313					2,065	1,666	97	302		12,514	12,098	416	35,707	5
8	3,892	1	400			1,271	100	120	1,051		28,982	28,862	120	43,104	6
39	18,446	8	2,105			3,406	1,466	306	1,634		58,892	56,891	2,001	120,414	7
165	82,401			6	1,080	37,993		1,367	36,626		63,141	23,245	39,896	255,890	8
212	111,587					81,591	489	739	2,878	77,485	315,600	315,003	597	585,228	9
2	452					228	173	6	49		1,583	1,536	47	3,302	10
33	15,487					1,607	696	219	692		22,170	21,534	636	60,284	11
50	29,216	36	10,087			4,534	3,678	141	715		47,462	46,921	541	124,691	12
2	1,800	108	22,573			6,390	4,989	253	1,098	50	36,776	35,620	1,156	103,713	13
17	6,414	11	2,120			2,465	1,034	382	1,049		31,090	30,510	580	63,439	14
3	2,220	5	1,150			814	231	16	567		2,283	2,090	193	12,383	15
5	2,520	1	182			567	336	10	221		5,405	5,388	77	13,300	16
7	4,858					3,707		667	3,040		142,728	141,430	1,298	165,684	17
434	199,812	12	1,670			31,481	578	2,726	28,177		281,646	272,448	9,198	692,680	18
2	1,200	1	260			612	276	22	314		3,885	3,825	60	11,500	19
236	110,926					22,201	210	1,495	20,496		86,754	84,480	2,274	352,031	20
220	86,637	5	1,000			22,595	600	1,107	20,888		61,931	58,136	3,795	215,523	21
371	212,231					27,471	198	2,553	24,720		575,159	523,127	52,032	995,362	22
257	100,605	46	8,550	1	165	60,504	132	1,951	58,421		715,047	710,922	4,125	1,073,664	23
64	23,974					72,661	430	895	3,523	67,813	68,371	67,648	723	215,460	24
						246	192	4	50		1,333	1,260	73	3,318	25
6	2,850					1,665	841	64	360	400	14,740	14,435	305	25,170	26
136	99,794					73,466	240	410	3,016	69,800	85,881	85,533	348	301,992	27
		45	16,118			5,233	4,030	149	1,054		62,427	61,355	1,072	117,275	28
70	41,721			1	196	4,615	1,927	415	2,273		29,859	29,454	405	110,710	29
48	24,454					596	114	62	420		16,812	16,762	50	48,361	30
7	3,869	4	970			4,795	1,811	137	2,647	200	13,440	12,949	491	42,360	31
27	20,712					1,006	316	108	582		15,625	15,515	110	48,110	32
69	36,223					4,465	2,066	376	2,023		68,231	67,875	356	142,195	33
67	26,359	9	1,375			8,714	1,800	174	2,740	4,000	23,050	6,898	16,152	81,481	34
19	9,523	4	806			1,544	789	132	623		7,111	6,564	547	26,382	35
66	33,140	13	2,900	1	100	16,484	1,880	291	14,313		31,162	29,720	1,442	117,648	36
22	12,360	1	332			4,458	872	233	3,353		101,177	100,660	517	158,388	37
130	50,597	77	12,059			21,643	1,348	1,122	19,173		215,067	213,812	1,255	331,190	38
34	16,263	1	300			2,534	1,548	174	812		28,947	28,421	526	68,733	39
19	9,202	24	4,445			13,190	989	45	12,156		16,125	15,860	265	54,195	40
9	4,892					1,475	898	24	433	120	2,699	2,413	286	12,185	41
14	5,003					164	12	24	128		302	99	203	7,525	42
2,033	1,036,118	491	142,255	13	1,770	387,776	3,341	22,920	360,475	1,040	1,740,972	1,699,310	41,662	4,154,161	43

mattresses and spring beds, 1; mineral and soda waters, 2; mirrors, 1; models and patterns, 2; monuments and tombstones, 2; paints, 1; patent medicines and compounds, 1; photolithographing and photoengraving, 1; rubber and elastic goods, 1; safes and vaults, 1; saws, 1; sewing machine repairing, 1; shirts, 2; soap and candles, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 2; surgical appliances, 1; tin and terne plate, 1; tools, not elsewhere specified, 1; toys and games, 2; umbrellas and canes, 1; washing machines and clothes wringers, 1; watch cases, 1; watches, 1; wirework, including wire rope and cable, 2; woolen goods, 1.

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	5,127	$109,582,142	$10,024,369	$13,894,633	$23,414,761	$62,248,379	5,805	6,657	$6,776,141	63,240	$27,189,069
2	Artificial feathers and flowers	3	1,400			100	1,300	3	1	100	4	2,000
3	Awnings, tents, and sails	7	41,875	15,000	5,000	2,050	19,825	11	1	1,000	40	17,431
4	Bags, other than paper	3	42,850			8,900	33,950	3	5	3,764	28	7,540
5	Bags, paper	7	188,755			65,106	123,649	4	35	26,473	126	38,073
6	Baking and yeast powders	5	48,100			2,800	45,300	6	27	19,669	44	18,054
7	Baskets, and rattan and willow ware	8	8,660	3,000	2,800	390	2,470	8			16	4,362
8	Bicycle and tricycle repairing	22	22,250			10,726	11,524	20	2	462	22	11,675
9	Billiard tables and materials	3	16,450			150	16,300	4	3	4,850	15	7,800
10	Blacksmithing and wheelwrighting	166	220,108	58,050	50,285	44,775	67,048	203	3	1,740	324	179,231
11	Bookbinding and blank book making	18	70,148			32,400	37,748	17	11	6,348	179	73,936
12	Boot and shoe cut stock	3	13,051			1,051	12,000	3			9	4,500
13	Boot and shoe uppers	5	1,850			775	1,075	4			4	1,650
14	Boots and shoes, custom work and repairing.	292	88,769	10,400	12,590	19,860	45,919	300	8	5,970	164	66,737
15	Boots and shoes, factory product	39	3,688,918	102,100	180,701	659,982	2,746,135	59	392	498,560	6,919	2,187,856
16	Bottling	3	4,850			700	4,150	5	1	480	5	2,400
17	Boxes, cigar	8	188,246	25,000	43,200	23,536	96,510	11	13	8,996	240	70,219
18	Boxes, fancy and paper	12	202,308			58,908	143,400	14	24	32,268	543	134,198
19	Boxes, wooden packing	8	204,380	58,700	27,633	45,902	72,145	12	9	6,646	196	83,900
20	Brass castings and brass finishing	10	354,843	6,000	40,000	161,060	147,783	16	19	12,970	455	185,599
21	Brassware	4	103,215			21,850	81,365	4	8	10,000	61	20,450
22	Bread and other bakery products	258	1,505,481	87,825	125,295	882,090	410,271	275	172	113,372	1,101	460,737
23	Brick and tile	12	26,150	2,000	3,950	8,200	12,000	19			54	30,858
24	Brooms and brushes	17	227,970	6,500	19,500	73,990	127,980	22	28	37,538	128	49,516
25	Carpentering	304	595,777	31,580	50,150	72,625	391,422	347	51	43,344	1,160	730,057
26	Carpets, rag	12	4,985	50	100	2,450	2,385	13	4	2,239	17	4,603
27	Carriage and wagon materials	13	792,222	54,750	81,800	121,790	533,882	14	33	28,390	629	305,024
28	Carriages and wagons	63	3,483,763	301,650	310,974	158,640	2,717,499	71	280	234,227	2,147	1,116,426
29	Cars and general shop construction and repairs by steam railroad companies.	4	155,884	45,500	33,600	42,654	34,130		18	16,187	460	253,457
30	Chemicals	8	534,180	48,000	52,950	174,300	258,930	4	20	31,982	94	51,789
31	Cleansing and polishing preparations	4	20,450	150	250	1,710	18,340	2	5	12,000	13	2,750
32	Cloth, sponging and refinishing	3	3,757			2,290	1,467	5			31	15,699
33	Clothing, men's, custom work and repairing.	270	790,916	37,205	27,260	29,625	696,826	322	61	45,900	880	424,650
34	Clothing, men's, factory product	351	8,262,871	101,225	150,610	96,743	7,914,293	441	591	616,432	8,784	1,326,045
35	Clothing, men's, factory product, buttonholes.	5	17,575			14,750	2,825	6	1	416	144	40,118
36	Clothing, women's, dressmaking	229	145,015	17,370	21,600	20,330	85,715	253	9	5,717	634	166,369
37	Clothing, women's, factory product	38	850,195	19,630	52,350	56,691	721,464	53	106	108,283	1,363	398,618
38	Coffee and spice, roasting and grinding	10	473,895	15,000	55,250	44,844	358,801	10	68	71,412	109	42,197
39	Coffins, burial cases, and undertakers' goods.	4	1,248,901	101,225	257,375	230,349	659,952	2	52	64,201	492	225,010
40	Confectionery	53	733,261	71,250	83,056	107,547	471,408	64	92	80,722	518	173,369
41	Cooperage	35	802,397	67,400	80,395	189,899	464,703	39	23	41,512	703	281,504
42	Cutlery and edge tools	6	20,960	2,700	4,560	7,450	6,250	6	5	3,992	24	12,345
43	Druggists' preparations, not including prescriptions.	6	624,600	30,000	50,000	42,100	502,500	11	99	140,068	135	83,187
44	Dyeing and cleaning	21	82,215	39,170	21,300	9,290	12,455	27	11	5,856	114	45,167
45	Electrical apparatus and supplies	9	320,631			36,204	284,427	8	51	47,514	233	98,675
46	Electrical construction and repairs	21	43,790			6,810	36,980	26	7	4,560	88	43,718
47	Electroplating	6	73,778	20,000	23,000	21,400	9,378	7	4	2,176	54	28,735
48	Enameling and enameled goods	3	18,397		1,500	4,700	12,197	4			42	13,984
49	Engraving and diesinking	11	33,535	6,000	10,500	10,575	6,460	14			19	9,936
50	Engraving, steel, including plate printing.	5	17,886			4,800	13,086	5	5	5,684	28	9,806
51	Engraving, wood	8	27,310			6,550	20,760	11	5	3,444	50	27,758
52	Fancy articles, not elsewhere specified	4	24,775			9,500	15,275	6	3	1,900	26	10,148
53	Flavoring extracts	3	23,600		1,000	5,600	17,000	2	8	10,684	12	5,416
54	Flouring and grist mill products	10	287,864	35,504	43,871	114,951	93,538	10	16	20,529	61	30,085
55	Food preparations	4	46,101	250	100	20,888	24,863	2	6	4,800	61	16,497
56	Foundry and machine shop products	154	10,363,917	722,378	1,073,357	3,188,314	5,379,868	130	683	642,303	6,680	3,211,423
57	Foundry supplies	3	111,500	12,000	10,000	24,200	65,300		20	26,416	59	20,004
58	Fur goods	3	11,750			650	11,100	2	2	1,064	20	7,876
59	Furnishing goods, men's	6	66,650			5,050	61,600	11	18	7,593	178	43,964
60	Furniture, cabinetmaking, repairing, and upholstering.	54	76,414	6,800	5,400	15,531	49,183	62	3	1,280	114	54,465
61	Furniture, factory product	54	3,817,295	531,284	756,763	382,048	2,147,200	72	240	216,149	2,355	966,162
62	Gas machines and meters	4	267,364	21,133	10,511	45,845	189,875	3	17	22,008	97	33,872
63	Glass, cutting, staining, and ornamenting.	13	89,595			23,745	65,850	16	8	6,604	130	65,288
64	Grease and tallow	8	263,150	31,200	43,000	79,400	109,550	9	5	6,440	69	37,091
65	Hairwork	11	23,046	4,200	4,500	420	13,926	13	11	4,257	35	9,077
66	Hand knit goods	3	3,075			875	2,200	3			6	1,566

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
46,882	$23,275,688	15,314	$3,761,098	1,044	$152,283	$22,873,620	$1,649,757	$562,399	$17,792,211	$2,869,253	$77,539,292	$76,516,468	$1,022,824	$157,806,834	1
4	2,000					959	760	9	190		1,032	1,050	32	6,600	2
24	12,856	16	4,575			6,221	2,560	396	2,465	800	36,192	35,921	271	71,907	3
18	4,640	15	2,900			2,815	1,675	90	1,050		64,330	64,005	325	88,800	4
67	24,924	59	13,149			10,763	4,034	490	6,239		324,156	320,006	4,150	463,472	5
22	11,908	22	6,146			20,979	3,360	629	16,990		108,414	106,910	1,504	198,000	6
13	4,062			3	300	1,843	1,103	113	627		3,835	3,835		18,250	7
21	11,472			1	203	4,323	3,630	138	520	35	11,205	10,637	568	42,520	8
15	7,800					3,146	1,611	5	1,530		23,435	23,430	5	48,246	9
323	179,106			1	125	30,667	22,744	2,608	5,140	175	118,936	111,032	7,904	518,716	10
101	53,217	72	19,699	6	1,020	17,027	7,553	505	1,913	7,056	40,142	38,201	1,941	188,822	11
6	3,700	3	800			790	570	80	140		72,436	72,304	132	97,080	12
3	1,400			1	150	1,041	348	3	190	500	7,750	7,750		15,500	13
158	65,397	3	872	3	468	28,152	23,074	894	3,684	500	80,662	79,870	792	825,748	14
3,922	1,498,941	2,654	641,417	343	46,998	371,004	56,122	12,287	302,550	45	5,297,822	5,276,172	21,650	8,788,424	15
5	2,400					1,623	876	37	710		11,396	11,396		20,100	16
116	41,992	123	28,093	1	131	16,618	1,585	974	14,059		216,280	214,483	1,797	353,900	17
116	43,156	423	90,642	4	400	33,805	12,340	709	20,756		153,428	149,708	3,720	425,734	18
196	83,900					14,595	3,510	1,900	9,185		317,530	314,036	3,494	475,620	19
436	181,249	19	4,350			23,630	8,318	1,641	13,671		275,307	269,513	5,794	574,782	20
61	20,450					12,680	2,424	111	10,145		37,180	36,530	650	105,400	21
808	401,323	226	47,502	67	11,912	238,375	76,076	7,835	154,464		1,671,279	1,632,746	38,533	3,048,295	22
51	30,858					7,358	3,870	209	3,279		12,016	2,441	9,575	65,650	23
121	48,184	3	760	4	572	85,095	3,806	1,940	19,349	60,000	244,764	242,056	2,708	491,308	24
1,157	729,537			3	520	790,737	24,328	3,682	42,057	720,670	1,294,503	1,290,212	4,291	3,418,563	25
8	2,357	7	1,466	2	280	2,525	1,394	19	1,112		4,295	3,965	330	23,055	26
610	301,844	9	1,920	10	1,260	54,955	9,229	2,817	42,509	400	615,279	610,995	4,284	1,186,940	27
2,055	1,088,989	90	27,137	2	300	237,417	56,375	15,676	163,566	1,800	3,652,808	3,628,003	24,805	6,096,108	28
456	252,211	4	1,246			36,886	500	994	31,747	645	147,715	142,873	4,842	454,245	29
94	51,789					59,876	4,867	3,740	51,269		692,351	672,957	19,394	957,446	30
6	1,550	7	1,200			9,090	800	25	8,265		18,777	18,679	98	56,400	31
31	15,699					1,927	1,362	25	540		339	129	210	22,000	32
570	348,950	292	73,069	18	2,631	319,890	85,529	3,141	31,870	199,350	838,525	834,302	4,223	2,169,113	33
1,303	764,072	2,347	548,276	134	13,697	1,588,198	112,567	17,376	326,867	1,131,388	6,640,080	6,619,629	20,451	11,950,648	34
19	8,388	125	31,730			4,356	3,264	31	1,061		12,796	11,930	866	74,518	35
46	19,974	583	145,815	5	580	38,036	29,579	860	7,222	375	177,558	176,429	1,129	583,315	36
308	132,829	1,048	264,736	7	1,053	123,541	25,885	2,270	40,864	54,522	1,173,226	1,167,242	5,984	2,074,805	37
67	31,677	42	10,520			30,899	6,180	3,113	21,606		1,159,871	1,152,155	7,716	1,416,395	38
416	205,815	76	19,195			95,179	3,829	6,364	84,986		461,727	457,732	3,995	942,007	39
289	127,787	221	50,017	8	1,065	68,604	18,217	3,507	46,780	100	1,002,635	994,290	8,345	1,525,359	40
703	281,504					36,947	4,120	4,539	28,288		627,518	624,626	2,892	1,110,360	41
24	12,345					2,149	1,300	156	693		6,106	4,941	1,165	36,551	42
79	20,284	54	12,539	2	364	48,675	2,800	1,900	43,975		242,943	240,297	2,646	792,150	43
71	32,171	43	12,996			11,832	6,636	968	3,218	1,010	24,041	22,179	1,862	118,279	44
231	98,075	2	600			32,160	9,333	2,161	20,466	200	530,299	526,132	4,167	813,130	45
85	43,184			3	534	11,298	6,161	118	4,939	80	122,340	121,826	814	356,959	46
52	27,935	2	800			5,422	1,150	994	3,278		16,096	14,456	1,640	66,835	47
26	10,244	16	3,740			2,582	650	101	1,831		23,715	21,181	2,534	48,744	48
18	9,832			1	104	2,608	1,714	265	529	100	6,078	5,515	563	33,418	49
18	7,384	10	2,422			2,470	1,811	114	545		5,975	5,790	185	34,750	50
43	27,550			2	208	4,870	2,103	92	2,600	75	9,265	9,085	180	78,800	51
20	8,865	6	1,283			2,613	1,980	40	593		20,866	20,370	496	56,067	52
9	4,636	3	780			9,174	1,012	312	7,350	500	42,890	42,335	555	69,100	53
53	27,900	8	2,185			19,461	3,946	1,735	13,780		676,760	670,160	6,600	789,114	54
16	6,253	41	8,844	4	400	6,973	2,748	98	4,127		42,492	40,752	1,740	90,783	55
6,003	3,193,527	60	15,047	17	2,849	904,178	124,782	53,484	699,242	36,670	4,963,461	4,836,610	126,851	11,705,778	56
59	29,004					10,403	3,120	1,123	6,160		108,450	104,100	4,350	210,000	57
5	3,760	14	4,020	1	96	1,575	1,180	100	295		18,435	18,350	85	36,785	58
43	16,520	185	27,444			5,163	3,150	227	1,786		97,209	96,398	811	248,680	59
107	53,231	2	450	5	784	16,539	11,243	286	3,660	1,350	75,745	74,977	768	213,764	60
2,318	956,927	36	9,049	1	186	194,789	44,685	22,485	127,594	25	1,563,651	1,545,055	18,596	3,594,196	61
97	33,872					9,555	4,100	990	4,465		159,394	158,290	1,104	320,425	62
121	63,308	9	1,980			8,572	6,194	248	2,130		50,896	49,231	1,665	167,523	63
69	37,091					10,517	384	3,220	6,913		686,525	677,293	9,232	788,837	64
1	260	34	8,817			5,418	3,876	400	1,642		16,847	16,749	98	48,061	65
1	600	5	966			671	588		73	10	2,645	2,624	21	7,740	66

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
67	Hand stamps	3	$5,750			$2,200	$3,550	3			17	$8,042
68	Hardware	10	610,805	$25,500	$40,845	236,524	307,936	9	32	$37,706	428	172,836
69	Hats and caps, not including fur hats and wool hats.	12	135,870			16,435	119,435	20	21	17,460	285	86,182
70	Hosiery and knit goods	6	409,557	27,000	51,450	142,260	188,847	7	1	3,600	231	67,403
71	House furnishing goods, not elsewhere specified.	6	78,460		18,000	14,500	45,960	7	6	5,200	35	10,250
72	Ice, manufactured	5	147,524	23,120	30,264	87,094	7,046	1	8	7,975	37	19,003
73	Instruments, professional and scientific	4	10,000			4,800	5,200	3	8	1,980	10	6,090
74	Ironwork, architectural and ornamental.	10	267,473	69,500	19,700	66,111	112,162	10	51	48,100	287	137,990
75	Japanning	4	1,825			800	1,025	6			5	1,224
76	Jewelry	16	628,938			45,560	583,378	24	35	24,980	199	103,262
77	Kindling wood	3	2,825	500	550	825	950	2			7	2,175
78	Lamps and reflectors	3	24,900			5,900	19,000	2	2	1,150	33	12,885
79	Leather goods	4	13,110			2,500	10,610	4	13	6,728	33	7,707
80	Leather, tanned, curried, and finished	15	4,865,480	127,930	543,350	203,150	3,991,050	18	25	36,650	943	412,414
81	Liquors, distilled	3	1,522,800	103,000	168,000	110,000	1,141,800	2	34	54,696	163	97,745
82	Liquors, malt	21	11,370,912	1,821,052	3,262,482	2,139,654	4,147,724	6	193	351,248	1,282	910,986
83	Liquors, vinous	5	26,175	2,200	3,050	3,425	17,500	6	3	2,500	8	3,930
84	Lithographing and engraving	11	2,048,728	51,863	173,500	798,903	1,024,462	5	113	145,016	954	556,267
85	Lock and gun smithing	36	25,450	4,500	2,250	7,555	11,145	38			27	10,618
86	Looking-glass and picture frames	14	519,245	79,000	132,000	61,370	246,875	15	49	48,636	396	170,689
87	Lumber and timber products	6	3,173,790	1,721,784	76,494	188,200	1,187,312	9	46	62,852	604	223,791
88	Lumber, planing mill products, including sash, doors, and blinds.	17	548,239	50,250	117,600	148,050	232,339	20	31	24,332	503	274,798
89	Malt	7	508,290	24,450	93,140	13,500	372,200	10	12	15,800	68	47,289
90	Marble and stone work	19	344,845	71,900	32,300	90,195	150,450	25	18	17,400	304	150,110
91	Masonry, brick and stone	117	446,207	28,330	14,725	116,544	286,608	155	26	22,580	1,120	566,124
92	Mattresses and spring beds	9	108,193	2,500	2,500	23,361	79,832	13	12	6,474	111	38,009
93	Millinery and lace goods	11	120,964	4,000	46,000	14,267	56,697	12	8	4,484	243	65,933
94	Millinery, custom work	99	162,874	4,200	24,800	11,815	122,059	122	59	16,903	258	77,076
95	Mineral and soda waters	14	228,640	17,900	25,200	96,000	89,540	15	25	20,292	98	47,380
96	Models and patterns	20	70,600			44,550	26,050	25	3	2,680	108	64,906
97	Monuments and tombstones	19	103,270	17,390	25,320	12,210	48,350	24	8	5,480	59	33,850
98	Musical instruments and materials, not specified.	7	107,780	50,000	50,000	1,660	6,120	6			9	4,350
99	Musical instruments, pianos and materials.	4	790,601	64,750	155,587	65,142	505,122	2	23	30,931	513	226,011
100	Optical goods	3	14,200			2,200	12,000	9			15	6,788
101	Painting, house, sign, etc	261	219,282	19,130	12,570	41,387	146,195	310	21	15,428	333	478,961
102	Paints	13	1,972,263	307,794	195,206	168,317	1,300,946	15	84	107,920	230	117,312
103	Paper goods, not elsewhere specified	4	82,700		3,000	36,300	43,400	4	9	5,950	46	18,600
104	Paper hanging	78	142,948			7,568	135,380	36	33	17,158	241	132,539
105	Patent medicines and compounds	41	281,223	7,800	19,650	36,386	217,387	37	58	43,512	189	57,406
106	Paving and paving materials	38	248,757	14,850	25,999	52,699	155,209	38	41	22,090	421	199,046
107	Perfumery and cosmetics	3	33,502			4,076	29,426	4	3	2,600	29	8,195
108	Photography	32	97,450	10,500	14,100	30,275	42,575	39	14	6,736	108	52,577
109	Photolithographing and photoengraving.	6	35,250	6,800	5,000	15,775	7,675	6	4	3,562	43	21,126
110	Pickles, preserves, and sauces	8	347,650	5,000	83,000	33,950	225,700	8	33	53,000	264	106,692
111	Plastering and stuccowork	52	108,924	13,700	11,350	48,532	35,342	64	4	8,920	149	97,281
112	Plumbers' supplies	7	357,630		9,000	49,350	299,280	5	49	70,924	317	119,135
113	Plumbing, and gas and steam fitting	140	364,804	17,950	27,000	36,215	283,639	174	48	36,592	543	296,628
114	Pottery, terra cotta, and fire-clay products.	7	413,379	36,410	167,407	48,824	110,738	7	27	23,495	237	124,070
115	Printing and publishing, book and job	115	1,630,554	55,940	56,857	1,017,050	500,707	134	127	127,762	1,617	784,122
116	Printing and publishing, music	3	190,388			13,000	177,388	2	29	24,559	41	18,220
117	Printing and publishing, newspapers and periodicals.	81	3,254,701	218,150	316,800	1,454,428	1,265,323	74	443	418,567	1,044	683,148
118	Regalia and society banners and emblems.	7	258,950			28,900	230,050	8	64	46,056	342	88,053
119	Roofing and roofing materials	31	340,251	9,050	24,176	73,041	233,984	35	31	26,800	149	74,534
120	Saddlery and harness	58	781,598	59,600	105,650	70,980	545,368	69	38	80,514	478	214,707
121	Safes and vaults	5	614,594	16,000	49,000	176,200	373,394	2	60	61,280	428	206,183
122	Saws	4	71,850			10,750	61,100	4	5	3,630	29	15,057
123	Sewing machine repairing	6	7,215			1,655	5,560	5	6	3,652	9	4,991
124	Ship and boat building, wooden	4	59,800	10,100	7,000	11,900	30,800	1	4	3,760	103	32,899
125	Shirts	29	213,877	500	1,500	20,725	191,152	42	45	24,636	458	111,942
126	Slaughtering and meat packing, wholesale.	21	2,790,814	137,700	439,675	326,088	1,887,351	27	98	103,830	801	382,691
127	Slaughtering, wholesale, not including meat packing.	6	102,250	15,000	23,000	20,750	43,500	9			55	31,930
128	Soap and candles	20	1,180,827	30,630	168,742	270,415	661,040	21	88	36,961	452	157,458
129	Sporting goods	5	94,302	3,000	10,000	27,070	54,232	5	8	8,176	91	14,845
130	Stamped ware	4	236,000	65,000	25,000	30,000	116,000	2	20	21,016	85	32,193
131	Steam fittings and heating apparatus	7	669,368	43,096	62,000	95,473	468,799	7	43	48,680	293	171,709

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
11	$6,560	4	$1,196	2	$286	$1,973	$1,612	$11	$350	----------	$3,685	$3,395	$240	$18,385	67
403	167,894	10	2,812	15	2,130	47,640	10,458	2,694	34,488	----------	269,785	256,433	13,352	631,862	68
135	51,552	186	32,090	14	2,540	29,078	7,048	415	21,610	----------	241,195	239,890	1,305	447,085	69
36	19,623	170	43,678	25	4,102	16,773	1,452	969	13,702	$650	124,226	122,034	2,192	267,244	70
23	8,142	12	2,108	----------	----------	2,923	708	645	1,570	----------	66,985	66,265	720	102,500	71
37	19,003	----------	----------	----------	----------	11,134	100	3,129	7,905	----------	26,133	7,410	18,723	81,283	72
10	6,090	----------	----------	----------	----------	3,221	1,140	114	1,967	----------	4,757	4,430	327	24,510	73
284	137,090	3	900	----------	----------	32,753	7,477	2,699	22,577	----------	375,721	370,526	5,195	679,070	74
3	940	----------	----------	2	284	827	720	13	94	----------	1,549	1,420	129	6,850	75
163	98,195	32	9,649	4	418	48,054	9,696	950	22,408	15,000	494,577	492,052	2,525	820,783	76
4	1,621	----------	----------	3	554	620	320	25	275	----------	1,013	883	130	5,470	77
34	12,117	4	768	----------	----------	7,293	920	48	3,325	3,000	15,680	15,140	540	47,120	78
23	6,975	3	550	2	182	4,785	1,320	115	3,350	----------	46,056	45,852	204	78,500	79
943	412,414	----------	----------	----------	----------	70,980	1,940	9,640	59,400	----------	2,490,134	2,472,275	17,859	3,446,525	80
155	94,417	8	3,328	----------	----------	7,344,318	----------	6,519	7,337,799	----------	1,034,113	979,302	54,811	9,419,687	81
1,269	908,517	2	252	11	2,217	3,023,781	8,190	74,530	2,941,061	----------	1,402,644	1,281,899	120,745	6,387,383	82
8	3,930	----------	----------	----------	----------	5,040	1,140	350	3,550	----------	14,955	14,925	30	34,075	83
861	535,564	92	20,573	1	130	130,325	21,233	5,834	99,112	4,146	617,299	609,492	7,867	1,665,116	84
25	10,316	1	200	1	102	5,090	4,385	111	594	----------	8,588	7,775	813	49,308	85
375	167,448	4	1,375	17	1,866	44,164	8,884	3,992	36,288	----------	244,740	240,055	4,685	572,026	86
604	223,791	----------	----------	----------	----------	82,828	6,360	8,793	67,175	----------	1,075,988	1,075,988	----------	2,044,650	87
503	274,798	----------	----------	----------	----------	34,022	9,238	4,266	15,518	5,000	430,978	425,398	5,580	887,258	88
58	47,289	----------	----------	----------	----------	31,937	8,075	5,238	18,624	----------	476,039	455,320	20,719	604,384	89
299	148,610	5	1,500	----------	----------	27,766	10,826	2,754	14,186	----------	234,973	230,153	4,820	489,990	90
1,120	566,124	----------	----------	----------	----------	298,314	7,158	784	18,726	271,646	613,167	601,114	12,053	1,804,433	91
68	26,893	43	11,116	----------	----------	17,526	6,956	483	10,087	----------	140,696	139,191	1,505	238,476	92
34	16,615	209	49,318	----------	----------	12,089	5,855	278	4,344	1,612	110,726	109,876	850	229,100	93
6	2,656	250	74,200	2	220	58,612	39,479	1,070	11,163	6,900	274,217	273,725	492	567,435	94
98	47,380	----------	----------	----------	----------	25,098	4,690	1,133	19,275	----------	88,715	86,930	1,785	234,553	95
108	64,906	----------	----------	----------	----------	7,888	4,370	120	1,398	1,500	27,443	25,211	2,232	149,412	96
59	33,850	----------	----------	----------	----------	6,766	3,127	1,197	2,242	200	78,898	78,528	370	167,883	97
9	4,350	----------	----------	----------	----------	1,726	1,098	28	600	----------	8,345	8,295	50	20,999	98
493	216,011	20	10,000	----------	----------	76,747	5,467	3,199	68,081	----------	489,288	484,116	5,172	931,274	99
14	6,658	----------	----------	1	130	3,328	2,255	45	1,028	----------	15,359	15,124	235	39,760	100
833	477,563	2	800	3	598	40,857	22,181	1,078	13,752	3,846	299,557	299,045	512	1,149,192	101
224	116,127	6	1,185	----------	----------	140,371	12,950	16,866	110,555	----------	1,291,560	1,276,024	15,536	1,844,207	102
27	13,900	19	4,700	----------	----------	6,786	2,012	275	4,499	----------	101,700	100,300	1,400	175,500	103
239	132,039	1	300	1	200	31,004	23,620	707	6,677	----------	183,480	183,142	338	451,375	104
83	34,610	105	22,721	1	75	183,120	8,686	1,438	168,896	4,100	149,551	147,371	2,180	584,666	105
421	199,046	----------	----------	----------	----------	29,342	6,143	1,465	15,578	6,166	289,759	289,154	605	655,142	106
4	1,767	25	6,428	----------	----------	23,024	900	91	22,033	----------	40,536	40,528	8	90,474	107
74	40,888	31	11,273	3	416	21,619	17,960	585	3,074	----------	52,400	51,855	545	188,750	108
40	20,576	3	550	----------	----------	2,605	1,190	150	965	300	8,264	8,136	128	46,300	109
106	65,890	158	40,802	----------	----------	123,451	6,285	2,089	115,077	----------	599,880	596,875	3,005	1,077,450	110
148	97,132	----------	----------	1	149	8,517	3,612	480	3,988	437	77,166	76,742	424	275,261	111
317	119,135	----------	----------	----------	----------	18,078	6,862	1,564	8,552	1,100	389,235	383,685	5,550	676,345	112
536	295,480	----------	----------	7	1,148	42,662	26,168	1,595	13,314	1,585	477,095	471,692	5,403	1,147,101	113
211	104,933	76	19,187	----------	----------	19,056	5,280	2,344	11,432	----------	62,294	44,920	17,374	291,062	114
1,249	685,980	335	93,516	33	4,626	177,234	60,272	7,258	77,614	32,090	866,618	839,757	26,861	2,513,458	115
25	15,258	6	1,560	10	1,402	133,830	2,220	3,172	76,793	51,645	22,080	21,750	330	250,158	116
941	651,048	88	29,778	15	2,332	587,585	46,792	17,481	389,635	133,677	835,975	820,033	15,942	3,546,013	117
54	23,612	286	64,233	2	208	74,765	8,330	940	65,495	----------	283,552	281,480	2,072	620,170	118
148	74,430	----------	----------	1	104	34,441	9,492	1,842	22,457	650	428,925	426,516	2,409	684,135	119
456	208,966	12	4,312	10	1,429	62,239	11,561	4,713	45,965	----------	682,444	678,763	3,681	1,194,474	120
428	206,183	----------	----------	----------	----------	70,300	7,100	1,950	61,250	----------	340,199	334,322	5,877	773,051	121
29	15,057	----------	----------	----------	----------	2,959	1,614	65	1,280	----------	23,257	21,987	1,270	58,354	122
8	4,841	1	150	----------	----------	2,163	968	13	1,182	----------	10,055	10,005	50	29,250	123
103	32,899	----------	----------	----------	----------	15,047	960	445	2,142	11,500	24,254	23,873	381	98,114	124
50	26,728	407	85,110	1	104	41,686	9,696	490	14,133	17,367	268,071	265,830	2,241	561,951	125
772	375,863	10	2,600	19	4,228	419,379	23,322	13,505	382,552	----------	8,083,282	8,042,233	41,049	9,532,057	126
55	31,930	----------	----------	----------	----------	18,510	780	815	16,915	----------	723,370	719,620	3,750	838,120	127
287	121,998	159	34,526	6	934	71,558	9,125	6,753	47,680	8,000	1,279,812	1,265,984	13,828	1,877,062	128
31	9,345	60	5,000	----------	----------	10,575	1,265	609	8,701	----------	196,823	195,915	908	245,736	129
85	32,193	----------	----------	----------	----------	6,997	3,940	1,357	1,700	----------	138,860	136,220	2,640	244,200	130
288	169,709	----------	----------	5	2,000	43,412	6,030	3,032	25,027	9,323	295,915	291,667	4,248	658,378	131

TABLE 8.—MANUFACTURES IN CITIES

CINCINNATI—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
132	Stencils and brands	4	$113,500	$33,000	$50,000	$22,100	$8,500	6	4	$2,516	31	$19,008
133	Stereotyping and electrotyping	4	50,300			22,400	27,900	3	20	16,218	45	34,001
134	Surgical appliances	6	16,895	1,000	1,000	2,675	12,220	8			24	9,474
135	Tinsmithing, coppersmithing, and sheet-iron working.	127	659,911	34,860	52,615	147,895	425,541	138	54	40,613	748	328,453
136	Tobacco, chewing, smoking, and snuff	11	615,188	5,000	20,870	48,387	540,931	12	37	44,940	292	121,716
137	Tobacco, cigars and cigarettes	295	2,051,572	27,775	54,050	141,378	1,828,369	335	168	167,792	3,603	1,258,184
138	Tools, not elsewhere specified	10	66,997			24,501	42,496	11	11	11,324	57	30,834
139	Toys and games	6	10,700			2,950	7,750	6	1	400	31	10,725
140	Trunks and valises	9	169,181			10,214	158,967	15	13	12,600	158	65,714
141	Umbrellas and canes	7	44,700			2,200	42,500	7	13	7,048	45	15,332
142	Varnish	8	352,500	41,900	28,100	30,500	257,000	9	25	30,950	37	26,260
143	Washing machines and clothes wringers.	6	19,825			3,825	16,000	7	4	1,820	42	21,248
144	Watch, clock, and jewelry repairing	107	60,969	100	100	26,470	34,299	126			113	60,466
145	Wirework, including wire rope and cable.	7	21,540	2,500	1,800	6,755	10,485	10	6	2,640	27	10,966
146	Wood, turned and carved	19	421,115	73,450	52,500	103,545	191,620	19	12	18,623	167	70,418
147	All other industries[1]	108	15,328,859	1,410,286	2,838,823	6,219,693	4,860,057	85	434	511,617	3,697	1,507,355

[1] Embraces artificial limbs, 2; axle grease, 1; babbitt metal and solder, 1; bells, 1; belting and hose, leather, 2; bicycles and tricycles, 1; blacking, 1; bone, ivory, and lamp black, 1; buttons, 2; calcium lights, 1; carriages and sleds, children's, 1; cheese and butter, urban dairy products, 2; coke, 1; cordage and twine, 1; cordials and sirups, 2; cork, cutting, 1; corsets, 1; cotton goods, 2; cotton waste, 1; dentists' materials, 1; engravers' materials, 1; files, 2; fire extinguishers, chemical, 1; fireworks, 1; flags and banners, 2; fruits and vegetables, canning and preserving, 1; fur hats, 1; galvanizing, 1; gas and lamp fixtures, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; gloves and mittens, 1; glue, 1; gold and silver, leaf and foil, 2; gold and silver, reducing and refining, not from the ore, 2; hardware, saddlery, 2; ink, printing, 2; ink, writing, 2; iron and steel, 1; lard, refined, 1; lasts, 1; lead, bar, pipe, and sheet, 1; lime and cement, 1; mirrors, 2; mucilage and

CLEVELAND.

1	All industries	2,927	$98,303,682	$7,649,793	$12,094,490	$28,116,093	$50,443,306	3,078	5,410	$5,732,145	58,810	$27,892,689
2	Awnings, tents, and sails	6	245,005	54,000	32,872	13,328	144,865	4	35	32,400	100	43,190
3	Baking and yeast powders	4	65,681			6,100	59,581	4	11	9,340	34	13,904
4	Bicycle and tricycle repairing	68	30,382	300	870	12,225	16,987	74	1	1,040	62	32,126
5	Bicycles and tricycles	12	817,204	21,400	80,852	439,554	275,398	11	52	48,595	618	210,208
6	Blacksmithing and wheelwrighting	152	118,564	34,215	31,010	19,000	34,339	174			213	132,116
7	Bookbinding and blank book making	11	72,350			29,500	42,850	16	4	3,776	82	27,988
8	Boots and shoes, custom work and repairing.	236	66,129	19,275	18,162	12,501	16,191	242	3	950	91	42,409
9	Boots and shoes, factory product	5	229,597		1,200	39,815	188,582	9	21	23,690	438	112,076
10	Bottling	10	135,475	10,000	5,000	5,775	114,700	15	14	8,988	24	13,490
11	Boxes, cigar	4	30,300	6,500	4,300	2,321	17,179	6	4	2,300	42	11,096
12	Boxes, fancy and paper	5	127,824			73,995	53,829	4	11	12,050	314	87,673
13	Boxes, wooden packing	9	403,902	10,755	39,692	62,686	290,769	7	18	14,765	343	144,198
14	Brass castings and brass finishing	9	117,097	24,000	15,500	44,827	32,770	14	12	12,641	156	69,792
15	Brassware	3	478,518	10,000	44,000	80,000	344,518	2	26	31,360	278	164,871
16	Bread and other bakery products	104	724,266	122,600	149,615	283,015	169,036	103	118	84,825	552	285,439
17	Brick and tile	10	339,400	153,000	84,300	68,400	33,700	13	6	5,030	216	119,654
18	Bridges	3	1,131,158	64,746	113,566	399,657	553,189		27	48,519	524	287,525
19	Brooms and brushes	12	77,417	5,650	2,700	19,378	49,689	11	10	9,540	132	44,765
20	Carpentering	76	243,090	23,110	25,475	30,455	164,050	93	10	6,320	628	365,323
21	Carpets, rag	13	10,420	1,075	1,275	3,400	4,670	14	2	1,170	26	11,250
22	Carriages and wagons	43	481,147	66,050	67,920	46,200	300,977	60	32	23,095	465	253,971
23	Cars and general shop construction and repairs by steam railroad companies.	7	564,011	87,221	67,825	187,125	221,840		74	54,571	1,155	609,100
24	Chemicals	6	2,156,143	257,930	211,923	547,340	1,138,950	1	114	138,984	356	203,539
25	Cleansing and polishing preparations	3	2,365			360	2,005	4	1	156	3	1,530
26	Clothing, men's, custom work and repairing.	277	558,459	54,935	46,515	33,385	423,624	304	42	30,690	678	301,158
27	Clothing, men's, factory product	118	1,815,369	13,785	28,720	52,137	1,725,727	156	111	119,265	1,467	480,703
28	Clothing, men's, factory product, buttonholes.	3	3,050	100	600	1,350	1,000	4			30	11,450
29	Clothing, women's, dressmaking	42	29,814	4,600	3,800	4,599	16,815	47	4	1,660	182	52,705
30	Clothing, women's, factory product	77	1,598,155	9,625	18,520	73,504	1,501,506	91	218	221,409	2,362	842,425
31	Confectionery	24	432,405	20,700	26,350	93,835	291,520	24	43	37,921	506	144,913
32	Cooperage	6	248,725	11,025	26,750	19,775	191,175	6	8	17,400	179	73,332
33	Corsets	3	1,400			400	1,000	3	1	260	14	8,502
34	Dyeing and cleaning	28	51,975	14,650	12,200	13,205	11,920	37	9	3,926	89	37,799
35	Electrical apparatus and supplies	26	3,884,076	147,930	891,487	1,288,508	1,556,151	8	180	188,707	1,961	820,384
36	Electrical construction and repairs	9	29,483	100	500	8,433	20,450	10	5	2,882	75	31,529
37	Electroplating	5	22,800			14,500	8,300	4	3	1,872	64	19,650
38	Engraving and diesinking	3	1,400			450	950	4			2	1,750
39	Engraving, steel, including plate printing.	5	20,500			9,000	11,500	4	6	2,440	52	21,745
40	Flavoring extracts	5	126,192	10,000	21,000	9,000	86,192	2	18	18,160	49	13,822
41	Flouring and grist mill products	4	396,500	16,000	48,250	133,750	198,500	3	15	15,920	60	85,730
42	Food preparations	11	79,512	7,212	21,500	12,707	38,093	12	15	10,724	88	26,955
43	Foundry and machine shop products	127	11,688,326	804,246	1,624,857	2,662,557	6,596,666	100	719	793,528	8,658	4,487,398
44	Fur goods	10	66,145			2,145	64,000	12	2	1,158	56	27,409
45	Furnishing goods, men's	3	20,150			3,350	16,800	6	105	10,956	22	6,500
46	Furniture, cabinetmaking, repairing, and upholstering.	40	130,961	2,900	11,295	11,348	105,418	42	23	23,938	173	94,711

BY SPECIFIED INDUSTRIES: 1900—Continued.

CINCINNATI—Continued.

Average number of wage-earners and total wages—continued.						Miscellaneous expenses.					Cost of materials used.				
Men, 16 years and over.		Women, 16 years and over.		Children, under 16 years.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.	Value of products, including custom work and repairing.	
26	$18,418			5	$590	$3,494	$960	$876	$1,658		$4,705	$4,420	$285	$13,168	132
45	34,001					7,037	2,460	363	4,214		15,340	12,856	2,484	96,369	133
9	5,880	14	$3,386	1	208	2,201	1,356	60	785		5,615	5,365	250	27,020	134
678	315,011	28	6,211	42	7,231	74,876	28,545	4,388	41,748	$195	792,768	785,777	6,991	1,521,564	135
151	72,490	141	49,226			1,047,285	8,078	2,183	1,037,024		688,052	683,584	4,468	1,987,464	136
1,801	612,284	2,217	631,184	85	14,716	1,146,784	65,290	5,989	1,075,505		1,576,715	1,571,367	5,348	4,781,003	137
56	30,584	1	250			11,243	2,915	208	7,943	177	54,843	53,386	1,457	134,962	138
18	7,940	13	2,785			2,882	1,072		1,060	700	7,912	7,702	210	31,500	139
154	65,274	1	140	3	300	10,718	7,770	502	2,446		151,539	150,914	625	274,084	140
15	6,612	30	8,720			4,758	3,208	355	1,190		41,505	41,033	472	77,000	141
37	26,260					41,775	4,700	1,425	35,650		230,326	225,867	4,459	410,715	142
42	21,248					3,678	2,675	238	765		65,091	63,545	1,546	111,650	143
98	56,643	11	3,404	4	419	15,129	12,933	134	1,702	360	34,708	33,494	1,214	192,830	144
26	10,786			1	180	3,915	1,225	240	1,450	1,000	35,540	34,795	745	66,550	145
167	70,418					21,776	5,722	2,089	6,965	7,000	260,835	257,849	2,986	461,571	146
2,580	1,292,714	1,091	210,309	26	4,332	676,299	78,715	112,602	484,982		6,336,208	6,243,852	92,356	10,850,519	147

paste, 2; oil, cottonseed and cake, 1; oil, not elsewhere specified, 1; paper hangings, 2; pens, fountain and stylographic, 1; pens, gold, 1; pens, steel, 1; photographic apparatus, 1; photographic materials, 1; pipes, tobacco, 1; plated and britannia ware, 2; printing materials, 2; pumps, not including steam pumps, 1; rubber and elastic goods, 1; sausage, 2; scales and balances, 2; sewing machine attachments, 1; shoddy, 1; show cases, 2; silversmithing, 1; smelting and refining, not from the ore, 2; springs, steel, car and carriage, 1; starch, 1; stationery goods, not elsewhere specified, 1; steam packing, 2; sugar and molasses, refining, 1; taxidermy, 2; tin and terne plate, 2; type founding, 1; typewriter repairing, 1; upholstering materials, 2; vinegar and cider, 2; watch cases, 1; window shades, 2; wool pulling, 1.

CLEVELAND.

49,240	$25,582,476	9,074	$2,216,588	496	$93,625	$11,565,697	$1,040,108	$515,999	$7,344,372	$2,165,218	$71,597,595	$68,738,696	$2,858,899	$130,840,806	1
55	29,490	45	13,700			16,645	2,439	1,315	12,641	250	118,611	117,477	1,134	251,862	2
18	10,572	11	2,756	5	576	8,671	3,350	77	5,244		79,866	78,181	1,685	154,125	3
56	31,513			6	613	12,530	9,411	94	2,775	250	54,997	54,288	709	151,400	4
597	196,315	21	13,893			44,082	6,194	3,569	34,319		419,917	410,971	8,946	862,024	5
207	131,292			6	824	25,403	20,775	1,099	3,114	415	106,564	100,282	6,282	443,952	6
39	18,880	40	8,588	3	520	7,071	4,380	189	2,402	100	26,586	25,776	810	92,895	7
89	41,801	1	468	1	140	22,286	19,257	760	1,811	458	73,203	71,895	1,308	264,703	8
234	69,494	204	42,582			20,919	5,125	282	15,512		336,272	334,255	2,017	552,335	9
20	11,360	4	2,130			9,617	3,010	1,848	4,759		185,507	184,127	1,380	249,480	10
17	4,820	25	6,276			1,702	860	163	679		25,060	24,142	918	47,600	11
70	33,895	244	53,778			14,877	8,120	420	6,337		99,472	97,742	1,730	270,340	12
333	142,698			10	1,500	52,602	9,900	1,460	41,242		503,845	501,336	2,509	817,592	13
156	69,792					5,300	1,060	1,382	2,664	194	143,863	139,377	4,486	276,647	14
258	159,960	15	4,905			51,207	1,100	2,120	47,987		217,965	214,099	3,866	654,800	15
436	256,925	108	26,704	8	1,810	50,504	14,138	6,494	29,872		892,371	869,177	23,194	1,525,397	16
214	119,414			2	240	17,010	3,300	1,983	10,927	800	61,324	11,662	49,662	280,854	17
524	287,525					177,049	150	3,782	23,117	150,000	1,041,898	1,025,846	16,052	2,416,595	18
81	33,635	51	11,130			8,996	3,350	308	5,338		128,874	128,046	828	223,985	19
626	364,923	2	400			106,166	11,939	1,526	17,436	75,265	615,943	612,711	3,232	1,310,245	20
18	8,656	8	2,600			1,896	896	62	938		4,175	3,791	384	30,942	21
465	253,971					47,862	20,262	2,936	20,494	4,170	277,971	270,876	7,095	729,292	22
1,152	608,099	3	1,001			32,512		5,347	27,165		513,764	510,904	2,860	1,209,947	23
356	203,539					83,792	2,060	9,810	72,422		909,722	858,101	51,621	1,729,318	24
8	1,580					745	156	14	375	200	4,016	3,981	35	12,947	25
448	248,209	211	50,448	19	2,441	405,929	81,999	2,943	30,282	290,705	657,249	650,214	7,035	1,857,772	26
494	221,251	967	258,811	6	701	409,058	35,980	11,377	51,572	310,129	1,871,254	1,861,163	10,091	3,410,299	27
14	7,740	15	3,510	1	200	1,680	600	8	1,072		1,425	1,180	245	19,750	28
16	9,666	166	43,039			11,926	9,475	116	1,985	350	44,443	43,457	986	157,127	29
869	470,183	1,491	372,042	2	200	304,419	41,847	3,580	83,467	175,525	2,444,826	2,433,301	11,525	4,213,248	30
118	68,068	384	76,345	4	500	255,917	23,152	964	231,801		669,999	665,176	4,823	1,705,311	31
170	71,552			9	2,280	6,486	915	1,317	4,254		102,899	102,659	240	225,328	32
		13	3,352	1	150	853	660	10	183		3,247	3,235	12	12,800	33
42	24,969	46	12,680	1	150	17,079	7,170	557	7,152	2,200	14,023	11,651	2,372	131,600	34
1,612	744,553	334	71,681	15	4,150	375,763	135,671	15,469	222,368	2,265	1,601,653	1,477,978	123,675	3,357,923	35
71	30,479	3	850	1	200	5,722	2,364	98	3,260		65,999	65,522	477	136,821	36
64	19,650					3,747	1,970	107	1,670		14,369	13,185	1,184	63,320	37
2	1,750					363	310	3	50		360	360		5,200	38
34	18,360	18	3,385			6,145	3,680	5	2,460		31,983	31,683	300	86,000	39
19	8,060	30	5,762			10,436	2,705	495	7,236		112,588	111,893	695	218,735	40
60	35,730					7,369	240	3,052	4,077		683,535	674,860	8,675	776,326	41
33	14,944	55	12,011			10,373	3,265	531	6,577		93,832	90,627	3,205	176,806	42
8,469	4,451,093	181	33,734	8	2,571	1,180,872	68,177	51,673	803,185	257,837	6,698,074	6,429,699	268,375	15,428,053	43
19	15,441	36	11,818	1	150	18,550	8,355	245	9,950		90,040	89,884	156	180,545	44
3	1,000	19	5,500			3,092	863	14	2,215		34,023	33,658	365	73,001	45
157	90,759	14	3,748	2	204	19,075	10,388	617	8,045	25	171,671	169,836	1,835	373,777	46

TABLE 8.—MANUFACTURES IN CITIES

CLEVELAND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Furniture, factory product	18	$968,884	$84,400	$196,500	$160,853	$527,131	20	59	$64,300	420	$213,410
48	Gas and lamp fixtures	5	162,293			47,001	115,292	8	37	27,839	202	76,374
49	Gas and oil stoves	4	1,867,307	124,507	299,615	306,303	1,136,882		62	91,396	1,186	528,287
50	Glass, cutting, staining, and ornamenting.	3	4,000			400	3,600	3			8	6,920
51	Hairwork	9	14,115			1,765	12,350	9			27	8,175
52	Hardware	7	1,457,340	92,577	322,500	269,115	773,148	3	61	79,273	1,648	709,498
53	Hats and caps, not including fur hats and wool hats.	8	185,831	3,120	9,415	42,292	131,004	13	12	9,449	327	122,907
54	Hosiery and knit goods	5	239,439			54,463	184,976	7	7	10,730	541	130,974
55	House furnishing goods, not elsewhere specified.	5	483,812	20,400	83,657	252,647	127,108	1	27	29,812	266	85,733
56	Ice, manufactured	4	193,654	36,250	37,566	81,549	38,289	1	12	11,020	28	19,203
57	Instruments, professional and scientific	5	58,647			18,279	40,368	9	6	3,224	48	18,885
58	Iron and steel	15	14,616,917	1,481,250	2,088,162	3,953,401	7,144,104		213	230,968	6,915	4,014,589
59	Iron and steel, bolts, nuts, washers, and rivets.	7	712,045	24,368	95,738	206,613	385,331	6	50	79,972	1,805	553,261
60	Iron and steel, forgings	5	1,906,496	165,416	346,339	637,744	756,997	3	41	69,933	897	448,326
61	Ironwork, architectural and ornamental.	11	467,528	75,150	80,678	108,900	202,800	9	48	60,932	469	234,081
62	Jewelry	6	20,710			11,200	9,510	6			32	15,161
63	Leather, tanned, curried, and finished	3	171,198	26,700	34,600	26,650	83,248	5	10	9,314	44	17,900
64	Lime and cement	3	57,120		3,500	8,050	45,570	1	10	10,000	29	13,000
65	Liquors, malt	10	3,788,202	295,152	1,238,528	1,056,563	1,197,959	10	95	173,554	477	381,780
66	Lithographing and engraving	4	353,794			201,050	152,744	3	22	49,760	142	82,200
67	Lock and gun smithing	17	10,471	3,400	550	2,770	3,751	19			7	2,690
68	Looking-glass and picture frames	14	71,775	13,500	5,500	7,150	45,625	16	4	2,924	55	23,204
69	Lumber, planing mill products, including sash, doors, and blinds.	26	853,918	140,400	91,541	187,921	434,056	27	64	70,004	710	321,671
70	Malt	3	62,750	27,000	8,750	4,500	22,500	5	3	2,150	12	10,435
71	Marble and stone work	6	291,629	48,110	23,300	73,651	146,568	4	28	43,550	415	235,708
72	Masonry, brick and stone	8	124,065	7,700	5,900	17,515	92,950	12	20	17,601	243	124,176
73	Mattresses and spring beds	4	70,675	4,000	5,000	10,976	50,699	2	17	14,909	137	54,810
74	Millinery and lace goods	8	88,044	3,000	7,000	6,497	71,547	16	11	7,616	147	30,056
75	Millinery, custom work	79	163,903	41,900	30,800	8,303	82,900	89	39	20,390	286	82,358
76	Mineral and soda waters	6	39,950	4,000	3,500	11,700	20,750	5	5	3,940	24	13,775
77	Models and patterns	13	75,303	5,000	16,500	10,400	43,403	14	4	6,300	117	55,269
78	Monuments and tombstones	13	51,010	7,500	5,175	4,275	34,060	17	3	2,075	56	43,735
79	Oil, not elsewhere specified	13	664,905	11,500	25,241	61,575	566,589	11	134	134,924	89	43,304
80	Optical goods	3	12,258			2,958	9,300	2			13	9,000
81	Painting, house, sign, etc	64	148,190	11,255	15,375	15,816	105,744	76	27	20,096	418	211,029
82	Paints	9	1,346,195	105,100	171,781	185,637	883,677	5	221	270,671	343	146,425
83	Paper hanging	36	84,752	3,660	6,500	4,361	70,231	46	17	14,641	171	97,473
84	Patent medicines and compounds	10	147,136	6,700	1,900	10,927	127,609	8	29	30,780	42	19,153
85	Paving and paving materials	9	311,173	44,063	22,275	75,690	169,145	9	34	31,290	675	281,119
86	Petroleum, refining	4	5,983,718	716,576	476,784	2,605,496	2,184,912	2	141	125,331	477	243,559
87	Photography	42	57,736	700	1,350	31,466	24,220	49	5	2,140	77	41,428
88	Photolithographing and photoengraving.	3	16,200			8,500	7,700	2	8	5,657	35	16,920
89	Plumbers' supplies	7	198,096	20,937	17,467	58,631	101,061	6	26	22,870	148	67,336
90	Plumbing, and gas and steam fitting	95	505,255	29,628	53,800	70,448	351,379	117	45	33,128	729	463,290
91	Printing and publishing, book and job	69	1,107,419	2,250	28,075	694,909	387,185	78	150	141,306	981	496,319
92	Printing and publishing, newspapers and periodicals.	38	1,672,687	94,700	177,321	614,383	786,283	23	268	276,006	710	491,868
93	Pumps, not including steam pumps	3	10,550	1,000	500	800	8,250	5	1	600	10	4,940
94	Roofing and roofing materials	8	129,190	21,856	20,319	5,974	81,041	10	12	9,718	96	52,379
95	Rubber and elastic goods	3	1,230,079	19,066	96,250	64,032	1,050,731		54	67,216	697	232,158
96	Saddlery and harness	57	125,750	12,125	8,425	39,800	65,400	61	3	2,080	86	45,654
97	Sewing machines and attachments	3	2,575,208	81,000	172,781	421,580	1,899,847		115	159,767	724	401,206
98	Ship and boat building, wooden	3	9,025		500	1,825	6,700	4			42	21,400
99	Shirts	4	32,090			2,215	29,875	6			62	10,496
100	Shoddy	4	1,244,896	108,000	118,000	358,500	660,396		31	51,200	398	141,114
101	Slaughtering and meat packing, wholesale.	10	1,827,288	66,565	104,818	74,626	1,581,279	7	173	135,886	577	235,023
102	Soap and candles	7	113,688	10,180	16,200	30,928	56,380	3	21	17,081	38	18,308
103	Stamped ware	8	521,870	56,000	80,000	269,866	116,004	1	14	15,223	297	104,378
104	Steam fittings and heating apparatus	4	146,186	6,000	12,000	24,666	103,520	3	10	9,760	31	18,096
105	Stencils and brands	3	13,700			8,500	5,200	3			10	5,905
106	Stereotyping and electrotyping	4	84,918			50,908	34,010	3	8	8,950	101	53,738
107	Surgical appliances	3	1,886			1,186	700	3			4	1,102
108	Tinsmithing, coppersmithing, and sheet-iron working.	97	280,107	39,775	35,275	71,695	133,362	112	33	28,289	382	206,749
109	Tobacco, cigars and cigarettes	117	455,477	23,781	29,975	24,165	377,606	130	51	52,565	943	347,661
110	Tools, not elsewhere specified	8	984,053	55,700	147,382	356,218	424,753	7	59	56,480	568	260,364
111	Trunks and valises	4	85,900	18,000	30,000	9,400	28,500	3	13	9,050	121	45,555

BY SPECIFIED INDUSTRIES: 1900—Continued.

CLEVELAND—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
409	$211,090	3	$790	8	$1,530	$51,328	$11,852	$2,912	$31,064	$5,500	$510,501	$505,378	$5,123	$1,029,569	47
173	68,539	29	7,835			24,590	8,656	156	15,778	5,000	101,471	98,951	2,520	251,599	48
1,136	528,287					110,306		7,491	102,815		1,057,234	1,034,546	22,688	1,905,391	49
8	6,920					1,174	1,044	10	120		8,400	8,330	70	19,600	50
2	1,630	25	6,495			6,621	5,750	106	765		7,859	7,680	179	32,150	51
1,506	677,290	112	25,293	30	6,915	211,451	450	8,883	202,118		483,422	429,668	53,754	1,653,374	52
127	69,396	200	53,511			20,969	8,681	982	11,306		298,958	293,258	5,700	499,789	53
52	25,900	489	105,074			49,641	8,790	233	15,618	25,000	387,215	384,291	2,924	748,012	54
256	83,449	9	2,026	1	258	5,582	580	1,167	3,835		293,148	289,003	4,145	511,732	55
26	19,203					13,630	400	6,765	6,465		30,500	10,500	20,000	95,100	56
44	18,061	4	824			3,339	1,372	107	1,860		15,749	15,214	535	59,280	57
6,811	3,999,711	103	14,518	1	360	1,220,277	10,000	39,788	1,149,736	20,753	13,490,450	12,149,202	1,341,248	24,276,197	58
1,028	498,835	44	9,426	233	45,000	45,689	7,530	3,699	34,460		1,555,760	1,511,530	44,230	2,405,856	59
837	445,206	10	3,120			42,125		6,144	35,981		964,599	886,002	78,597	1,874,029	60
466	233,301	3	780			36,205	1,535	3,725	30,945		458,124	449,430	8,694	875,908	61
32	15,161					2,050	1,716	56	278		14,454	13,959	495	44,400	62
44	17,900					8,628		681	7,947		105,372	102,879	2,493	150,577	63
29	13,000					10,012	3,300	285	4,027	2,400	71,880	67,020	4,860	182,500	64
477	381,780					1,447,552	480	28,955	1,418,117		840,394	785,386	55,008	4,033,915	65
135	80,300	6	1,690	1	210	18,293	6,000	938	11,355		80,827	76,240	4,587	309,300	66
7	2,690					2,032	1,618	28	386		3,886	3,586	300	21,560	67
46	21,958	1	156	8	1,090	11,694	5,855	350	5,489		80,232	79,467	765	160,034	68
710	321,671					97,177	15,739	7,169	67,702	6,567	579,083	568,863	10,220	1,236,944	69
12	10,435					2,907	1,120	817	970		49,440	46,475	2,965	77,950	70
415	235,708					20,645	1,635	1,833	15,042	2,135	72,882	57,514	14,868	420,558	71
248	124,176					443,698	1,525	236	1,862	440,075	154,746	153,940	806	855,020	72
88	38,590	49	16,220			15,259	3,320	530	11,409		164,605	163,098	1,507	285,714	73
9	6,652	138	23,404			6,102	3,680	393	2,029		200,253	199,668	585	299,440	74
2	1,200	282	80,987	2	171	42,892	31,477	1,245	10,170		276,948	276,046	902	561,216	75
24	13,775					3,069	1,500	236	1,333		20,084	19,785	299	58,637	76
113	54,099	4	1,170			5,032	2,071	347	2,614		22,447	21,136	1,311	123,185	77
56	43,735					3,158	1,710	260	888	300	120,863	119,410	953	195,470	78
89	43,304					125,726	6,856	1,279	116,232	1,359	831,769	824,360	7,409	1,421,089	79
13	9,000					2,824	2,097	89	638		14,400	14,175	225	41,500	80
410	209,447	4	624	4	958	20,322	12,341	1,118	6,373	490	174,900	174,053	847	571,459	81
271	120,638	72	25,787			321,690	7,390	10,467	303,833		1,303,492	1,291,156	12,336	2,192,253	82
147	90,586	22	6,705	2	182	14,577	8,887	536	4,754	400	106,277	105,982	295	317,781	83
24	13,154	18	5,999			25,005	4,476	464	20,065		84,129	83,546	583	213,635	84
675	281,119					23,068	3,230	1,253	15,585	3,000	287,816	284,975	2,841	747,842	85
436	234,465	41	9,094			446,029	4,747	44,541	396,741		1,973,473	1,851,671	121,802	2,963,169	86
46	30,308	30	10,990	1	130	21,263	17,092	229	3,682	260	50,694	50,105	589	131,510	87
35	16,920					4,664	1,424	65	1,925	1,250	4,750	3,950	800	44,000	88
147	66,816			1	520	29,550	4,580	1,255	23,715		150,880	146,222	4,658	323,608	89
728	463,054			1	236	54,258	21,305	2,126	22,477	8,350	1,039,923	1,032,139	7,784	1,919,734	90
772	436,792	195	57,258	14	2,274	117,084	46,169	3,348	49,307	18,260	700,052	683,160	16,892	1,787,106	91
629	468,885	71	21,395	10	1,588	378,282	25,463	7,119	277,878	67,822	485,428	468,355	17,068	2,073,324	92
10	4,940					980	280	50	650		13,970	13,880	90	30,800	93
95	52,145	1	234			6,078	2,345	462	3,271		149,703	149,157	546	253,841	94
427	144,089	251	83,569	19	4,500	40,397	650	3,100	36,647		1,045,927	1,027,725	18,202	1,494,369	95
85	45,554			1	100	11,503	8,131	501	2,521	350	82,992	81,967	1,025	197,429	96
699	396,022	12	3,000	13	2,184	115,920	500	11,570	103,850		860,832	855,479	5,353	1,759,320	97
42	21,400					1,603	1,450	8	145		13,200	12,885	315	43,950	98
4	1,664	58	8,832			3,410	1,032	25	2,353		38,825	38,410	415	66,370	99
188	87,379	210	53,735			63,246	240	4,682	58,324		945,318	925,613	19,705	1,308,167	100
559	229,407	18	5,616			175,132	180	5,524	169,428		6,759,023	6,733,093	25,930	7,514,470	101
36	17,858	2	450			9,661	1,640	487	6,442	1,092	105,805	101,509	3,796	173,650	102
286	103,129	11	1,247			16,945	500	1,562	14,383		158,664	151,455	7,209	325,910	103
31	18,006					5,709	1,300	386	4,023		56,839	56,213	626	143,300	104
10	5,905					1,605	1,010	45	450	100	4,760	4,625	135	19,500	105
100	53,388			1	850	17,481	3,756	331	13,394		17,710	15,740	1,970	117,442	106
1	144	2	808	1	150	601	385	4	212		1,075	1,065	10	10,300	107
377	205,351	2	590	8	808	39,607	16,042	1,817	20,748	1,000	324,910	320,769	4,141	759,828	108
515	242,896	426	104,561	2	204	276,227	22,069	2,055	252,103		410,193	407,310	2,883	1,261,012	109
468	240,364	100	20,000			77,346	2,800	3,337	71,209		264,504	257,109	7,395	890,342	110
98	40,575	20	4,512	3	468	8,591	2,700	691	5,200		75,687	74,800	1,887	163,000	111

TABLE 8.—MANUFACTURES IN CITIES

CLEVELAND—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
112	Umbrellas and canes	5	$34,440	$400	$200	$3,390	$30,450	7	6	$2,860	34	$10,885
113	Varnish	7	458,770	23,841	71,252	43,019	320,658	7	67	93,678	48	35,182
114	Watch, clock, and jewelry repairing	71	53,025	3,650	2,650	19,645	27,080	68			78	46,666
115	Wirework, including wire rope and cable.	12	895,129	45,000	136,780	271,962	441,387	6	47	43,272	774	285,815
116	Wood, turned and carved	11	39,670	1,400	675	18,425	19,170	11	3	1,450	63	34,882
117	All other industries[1]	103	15,189,340	1,235,005	1,206,974	6,836,580	5,910,781	91	481	580,374	6,936	3,142,932

[1] Embraces agricultural implements, 1; ammunition, 1; artificial feathers and flowers, 1; artificial limbs, 2; babbitt metal and solder, 1; bags, other than paper, 1; bags, paper, 2; belting and hose, leather, 2; billiard tables and materials, 2; boot and shoe cut stock, 1; boot and shoe uppers, 2; bronze castings, 1; buttons, 2; carriage and wagon materials, 1; carriages and sleds, children's, 1; cars, steam railroad, not including operations of railroad companies, 1; cars, street railroad, not including operations of railroad companies, 2; china decorating, 1; chocolate and cocoa products, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 2; cotton small wares, 1; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 2; fancy articles, not elsewhere specified, 1; files, 1; fish, canning and preserving, 1; foundry supplies, 1; galvanizing, 1; gas, illuminating and heating, 1; gas machines and meters, 1; grease and tallow, 2; hand stamps, 2; ink, printing, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; japanning, 1; lamps and reflectors, 1; lead, bar, pipe, and sheet, 1; leather goods, 2; liquors, distilled, 1; liquors, vinous, 2; lumber and timber products, 1; mucilage and paste, 1; musical instruments and

COLUMBUS.

1	All industries	914	$25,392,136	$2,456,310	$3,644,451	$6,966,529	$12,324,846	968	1,759	$1,644,804	17,066	$7,718,824
2	Awnings, tents, and sails	3	10,800			3,500	7,300	2	2	1,100	21	8,250
3	Bicycle and tricycle repairing	20	16,420	850	1,450	9,855	4,265	19	1	200	20	6,616
4	Blacksmithing and wheelwrighting	69	42,862	16,985	8,265	8,245	9,367	76	4	1,000	94	50,305
5	Bookbinding and blank book making	6	47,000			17,500	29,500	7	7	5,500	59	23,519
6	Boots and shoes, custom work and repairing.	57	10,359	2,990	1,125	4,800	1,944	60			13	5,765
7	Boots and shoes, factory product	8	1,694,542	12,000	39,381	131,025	1,512,136	1	151	201,314	1,880	683,401
8	Boxes, wooden packing	5	37,347	6,375	6,578	9,758	14,636	4	5	3,222	59	17,322
9	Brass castings and brass finishing	3	37,554	4,000	7,416	13,346	12,792	2	8	4,000	36	16,226
10	Bread and other bakery products	30	456,767	69,025	84,340	174,443	128,959	30	78	56,738	286	112,522
11	Brick and tile	5	19,565	6,500	3,265	4,750	5,050	6	1	800	62	23,889
12	Brooms and brushes	4	71,851	3,600	8,650	6,252	53,349	6	8	6,600	53	17,270
13	Carpentering	10	29,700	1,800	2,400	3,275	22,225	11			62	36,318
14	Carpets, rag	3	9,357			5,900	3,457	3	1	864	38	8,992
15	Carriage and wagon materials	4	59,425	100	500	31,100	27,725	4	6	3,700	161	60,165
16	Carriages and wagons	20	1,597,006	265,531	346,310	82,911	902,254	28	109	84,632	1,026	417,356
17	Cars and general shop construction and repairs by steam railroad companies.	6	1,349,749	240,341	294,200	202,048	613,160		90	76,829	2,104	1,141,352
18	Clothing, men's, custom work and repairing.	61	126,230	3,000	2,900	13,567	106,763	70	19	17,988	369	169,244
19	Clothing, women's, dressmaking	17	6,358			2,473	3,885	22	6	6,660	99	31,586
20	Coffee and spice, roasting and grinding	3	68,500			20,350	48,150	2	70	34,961	27	12,200
21	Confectionery	15	75,559	1,000	900	13,775	59,884	18	23	18,660	154	38,341
22	Dyeing and cleaning	9	24,380	11,750	4,610	4,910	3,110	8	2	600	16	8,082
23	Electrical construction and repairs	6	18,825			3,625	15,200	8	5	3,330	32	17,040
24	Electroplating	3	9,300		800	6,200	2,300	2	1	900	21	8,922
25	Flouring and grist mill products	3	159,900	9,400	28,000	41,200	81,300	1	11	13,360	29	16,266
26	Foundry and machine shop products	35	3,953,271	359,010	534,656	854,745	2,204,860	31	194	250,677	2,324	1,368,711
27	Furniture, cabinetmaking, repairing, and upholstering.	13	33,585	3,500	3,500	7,550	19,035	14	4	3,000	44	21,796
28	Furniture, factory product	4	264,599	37,659	10,000	38,125	178,815	4	33	23,716	213	66,865
29	Hats and caps, not including fur hats and wool hats.	3	1,650			560	1,090	3			7	3,460
30	Iron and steel	4	1,916,600	96,600	350,000	1,220,000	250,000		24	55,190	670	451,482
31	Iron and steel, bolts, nuts, washers, and rivets.	3	236,000	29,000	23,000	75,000	109,000	2	18	19,200	406	137,000
32	Iron and steel, forgings	3	155,000	20,000	17,000	30,000	88,000		13	17,225	163	70,820
33	Ironwork, architectural and ornamental.	4	105,600	4,000	9,000	21,200	71,400	4	8	11,040	76	31,089
34	Lime and cement	3	26,300	1,000	4,000	1,800	19,500	3	4	5,220	20	8,501
35	Liquors, malt	4	1,646,978	203,570	808,950	221,489	412,969	5	50	73,804	447	250,678
36	Lock and gun smithing	3	2,205			1,660	545	12			2	1,220
37	Looking-glass and picture frames	9	26,565			1,925	24,640	12	8	3,112	20	3,318
38	Lumber, planing mill products, including sash, doors, and blinds.	12	175,936	28,000	11,600	33,710	102,626	12	8	7,400	159	88,533
39	Marble and stone work	3	63,225	14,000	5,525	32,825	10,875	3	9	5,000	71	39,779
40	Masonry, brick and stone	22	186,809	12,190	20,155	50,875	103,589	30	6	6,900	361	240,647
41	Millinery, custom work	28	58,916	3,900	3,800	1,336	49,880	31	24	5,350	134	30,614
42	Monuments and tombstones	5	23,050	2,250	350	1,250	19,200	6	2	2,500	18	11,746
43	Optical goods	3	7,897			2,550	5,347	2	2	200	4	1,883
44	Painting, house, sign, etc	16	37,453	3,065	7,040	3,423	23,925	20	10	5,260	94	42,090
45	Paints	3	154,695	40,000	35,303	9,264	70,128		23	29,940	47	13,332
46	Patent medicines and compounds	7	675,495	21,300	69,350	57,505	527,340	5	30	28,045	125	46,352
47	Paving and paving materials	3	23,881	1,870	1,659	8,200	12,152	3	6	700	67	25,070
48	Photography	13	59,815			13,319	46,496	17	6	3,056	41	19,466
49	Plastering and stuccowork	7	2,305	300	900	575	530	7			37	21,089
50	Plumbing, and gas and steam fitting	30	83,835	2,620	1,405	7,215	72,595	43	11	4,446	169	73,260
51	Printing and publishing, book and job	22	172,060	3,000	500	116,500	52,060	25	29	22,082	206	97,045

BY SPECIFIED INDUSTRIES: 1900—Continued.

CLEVELAND—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.										
7	$3,065	27	$7,820			$5,333	$3,100	$123	$2,110		$72,081	$71,785	$296	$114,400	112
47	34,382	1	300			77,251	290	4,281	72,680		433,900	430,709	3,191	710,218	113
74	46,310	1	178	8	$178	14,848	10,161	251	1,446	$2,990	31,360	30,568	792	150,193	114
715	267,655	59	18,160			76,048	5,562	5,459	65,027		562,126	555,601	6,525	1,137,416	115
62	34,782			1	100	4,057	2,516	96	1,295	150	19,618	17,435	2,183	91,780	116
5,771	2,887,708	1,144	252,183	21	3,041	1,074,351	50,008	129,015	615,851	279,477	7,171,031	6,952,726	218,305	13,892,429	117

materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; oil, linseed, 1; oilcloth, floor, 1; oleomargarine, 1; paper and wood pulp, 2; paper hangings, 1; pens, fountain and stylographic, 1; plastering and stuccowork, 2; pottery, terra cotta, and fire-clay products, 2; printing and publishing, music, 2; printing materials, 1; regalia and society banners and emblems, 1; rules, ivory and wood, 1; safes and vaults, 1; salt, 1; sausage, 1; saws, 1; scales and balances, 1; screws, wood, 2; sewing machine cases, 1; sewing machine repairing, 1; shipbuilding, iron and steel, 1; show cases, 1; sporting goods, 1; springs, steel, car and carriage, 1; stationery goods, not elsewhere specified, 1; sugar and molasses, refining, 1; taxidermy, 1; tin and terne plate, 1; tobacco, chewing, smoking, and snuff, 1; typewriter repairing, 1; typewriters and supplies, 1; upholstering materials, 1; vault lights and ventilators, 1; washing machines and clothes wringers, 1; wool pulling, 1; woolen goods, 1; worsted goods, 1.

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14,528	$7,091,119	2,269	$580,440	269	$47,265	$4,014,022	$248,685	$172,783	$3,356,749	$235,805	$20,194,582	$19,269,281	$925,251	$39,666,848	1
11	5,350	10	2,900			4,107	960	65	3,082		22,759	22,485	274	48,500	2
18	6,196	2	510			2,634	2,238	187	209		17,558	17,020	538	41,819	3
93	50,130			1	175	7,363	5,893	661	809		40,441	37,626	2,815	161,349	4
27	15,320	31	8,024	1	175	16,567	4,020	357	6,490	5,700	60,128	59,026	1,102	131,741	5
13	5,765					4,395	4,158	41	196		12,932	12,419	513	53,337	6
1,203	478,687	570	181,660	107	23,054	95,242	9,805	3,619	81,818		2,141,781	2,130,290	11,441	3,505,126	7
49	16,322			10	1,000	3,801	870	183	2,748		51,876	50,374	1,502	89,782	8
36	16,226					2,791	300	91	2,400		26,150	24,799	1,351	54,592	9
236	100,023	50	12,499			68,218	7,254	4,184	56,780		460,590	449,314	11,276	810,754	10
54	22,239			8	1,650	2,533	1,740	148	645		7,537	2,097	5,440	43,100	11
43	16,070	10	1,200			15,543	150	725	2,966	11,702	50,623	49,732	891	103,684	12
62	36,318					48,506	1,234	331	2,381	44,560	59,366	59,193	173	178,384	13
17	5,849	12	2,112	9	1,010	818	802	39	7		5,984	5,310	674	26,643	14
141	56,005	20	4,160			9,623	2,160	410	7,053		172,084	168,724	3,360	304,935	15
990	409,788	26	6,568	10	1,500	130,014	11,247	15,874	103,493		1,044,017	1,031,116	12,901	2,186,467	16
2,099	1,139,276	5	2,076			137,968		11,102	126,866		872,563	856,585	15,978	2,227,710	17
253	133,047	115	36,047	1	150	32,332	24,738	1,048	6,546		186,060	183,672	2,388	545,455	18
10	5,280	89	26,306			5,232	3,944	17	1,271		21,155	20,840	315	84,785	19
19	9,300	8	2,900			5,990	3,100	890	2,000		137,885	136,555	1,330	276,236	20
70	21,861	75	15,810	9	1,170	14,827	6,264	328	8,240		105,379	103,372	2,007	243,100	21
9	5,768	7	2,314			2,681	988	370	1,323		2,384	1,876	508	22,455	22
32	17,040					3,577	1,932	39	1,606		56,292	55,919	373	112,720	23
20	8,422	1	500			720	600	55	65		1,832	1,417	415	15,700	24
29	16,266					5,661		1,774	3,887		481,454	478,044	3,410	532,236	25
2,824	1,368,711					272,004	14,497	19,456	205,562	32,489	2,185,257	2,101,354	83,903	4,629,742	26
40	20,596	3	1,000	1	200	3,355	1,668	255	1,432		11,218	10,405	813	63,408	27
177	62,472	16	3,602	20	791	29,875	1,240	1,413	13,660	13,562	205,388	201,502	3,886	427,530	28
4	2,460	3	1,000			693	517	43	133		2,509	2,500	9	9,900	29
670	451,482					125,897		2,344	123,553		3,987,393	3,404,988	582,405	5,976,028	30
392	134,500	14	2,500			23,241		2,421	20,820		189,800	185,025	4,775	390,000	31
163	70,820					7,595	3,315	100	4,180		158,662	153,807	4,855	304,098	32
78	30,999	2	840	1	150	6,381	1,950	1,066	3,365		102,897	102,137	760	170,682	33
15	7,500			5	1,001	1,043	460	133	450		25,750	24,594	1,156	49,300	34
420	246,206			27	4,472	1,016,879		40,852	976,027		497,084	461,534	35,550	2,024,407	35
2	1,220					1,226	1,036	38	152		1,366	1,063	303	7,600	36
17	7,768	2	350	1	200	6,203	3,940	209	2,054		17,452	17,213	239	58,853	37
159	88,533					11,958	7,640	2,069	2,249		120,136	114,600	5,536	284,175	38
71	39,779					2,751	825	404	1,522		33,078	32,450	623	114,060	39
361	240,647					48,593	1,375	1,641	7,977	37,600	287,966	285,684	2,282	666,430	40
1	420	131	29,954	2	240	14,166	11,582	813	1,771		112,424	111,865	559	216,941	41
18	11,746					2,883	776	360	1,171	576	50,800	50,750	50	90,586	42
3	1,730			1	153	1,607	925	74	608		2,685	2,552	133	8,935	43
93	41,330	1	260			5,849	2,226	316	3,057	250	88,814	88,675	139	114,320	44
43	17,332	4	1,000			14,246		873	13,373		115,343	114,523	820	205,449	45
47	25,952	78	20,400			607,418	4,576	1,096	601,746		476,313	472,921	3,392	1,557,494	46
67	25,070					931		228	703		58,637	58,580	57	96,089	47
26	15,180	14	4,186	1	100	18,914	8,288	150	5,476		29,467	29,220	247	98,796	48
37	21,089					484	240	43	201		15,152	15,146	6	50,171	49
168	73,000			1	260	10,835	4,825	361	5,449	200	172,646	171,534	1,112	339,654	50
150	79,260	48	16,489	8	1,296	17,874	9,272	962	6,690	950	91,188	87,407	3,781	282,915	51

TABLE 8.—MANUFACTURES IN CITIES

COLUMBUS—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
52	Printing and publishing, newspapers and periodicals.	20	$693,791	$51,200	$68,000	$322,530	$252,061	14	141	$104,999	445	$287,946
53	Pumps, not including steam pumps	4	2,120		400	535	1,185	5			8	3,332
54	Roofing and roofing materials	17	49,267	300	1,500	11,338	36,129	27	4	2,148	114	53,837
55	Saddlery and harness	15	210,065	39,500	20,500	7,640	142,425	15	39	29,280	118	44,027
56	Shirts	7	12,975			4,750	8,225	8	3	1,725	49	15,018
57	Slaughtering and meat packing, wholesale.	5	152,410	13,000	47,000	23,800	68,610	11	4	2,410	73	34,290
58	Tinsmithing, coppersmithing, and sheet-iron working.	28	137,310	18,533	16,169	43,692	63,916	31	12	8,370	104	42,573
59	Tobacco, cigars and cigarettes	31	331,634	7,985	14,705	25,507	283,437	32	22	20,087	483	112,945
60	Trunks and valises	6	52,078			16,793	35,285	5	11	8,500	64	20,815
61	Watch, clock, and jewelry repairing	30	19,655	1,900	750	9,055	7,950	37	1	780	47	27,469
62	Wirework, including wire rope and cable.	5	56,537	2,225	5,897	15,103	33,312	5	11	6,110	26	8,902
63	All other industries[1]	99	7,601,213	784,586	710,747	2,853,377	3,247,003	84	381	328,874	2,389	960,375

[1] Embraces agricultural implements, 2; artificial limbs, 1; baking and yeast powders, 1; baskets, and rattan and willow ware, 2; bicycles and tricycles, 1; boxes, cigar, 2; boxes, fancy and paper, 2; bridges, 2; cars and general shop construction and repairs by street railroad companies, 1; clocks, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cordage and twine, 1; corsets, 2; cutlery and edge tools, 2; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 2; fertilizers, 1; files, 1; flavoring extracts, 1; food preparations, 2; fruits and vegetables, canning and preserving, 1; fur goods, 2; furnishing goods, men's, 1; gas and lamp fixtures, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; grease and tallow, 1; hairwork, 1; hammocks, 1; hand stamps, 2;

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1	All industries	1,096	$28,027,518	$1,822,675	$3,936,778	$4,861,843	$17,406,222	1,197	1,455	$1,570,994	16,869	$7,959,792
2	Agricultural implements	4	2,064,429	116,843	225,124	283,299	1,439,163		77	81,987	608	303,041
3	Awnings, tents, and sails	3	7,775			1,475	6,300	3	1	800	16	6,115
4	Baskets, and rattan and willow ware	3	3,375	400	200	1,575	1,200	3	1	104	8	3,882
5	Bicycle and tricycle repairing	16	12,240			6,240	6,000	19			15	7,782
6	Blacksmithing and wheelwrighting	56	26,662	5,550	4,960	7,090	9,062	68	3	960	60	30,838
7	Boots and shoes, custom work and repairing.	63	12,009	2,370	1,955	4,290	3,394	67			21	9,359
8	Boxes, cigar	3	58,550	3,000	13,800	13,681	28,069	3	9	6,010	110	36,210
9	Boxes, fancy and paper	3	341,660			181,827	159,833		39	47,740	350	100,660
10	Brass castings and brass finishing	3	517,925	7,000	103,000	91,925	316,000	3	19	31,800	260	88,944
11	Bread and other bakery products	53	444,140	38,910	130,352	202,219	72,659	61	31	20,750	186	88,019
12	Brooms and brushes	4	7,455	1,130	1,300	1,350	3,675	6			20	9,877
13	Carpentering	62	55,187	10,260	11,950	9,992	22,985	70			247	132,229
14	Carpets, rag	6	2,122	850	350	222	700	6			1	468
15	Carriage and wagon materials	5	434,838	60,794	66,263	76,289	231,492	8	19	28,332	281	105,583
16	Carriages and wagons	13	222,780	41,150	50,401	12,345	118,884	22	9	13,960	205	105,221
17	Clothing, men's, custom work and repairing.	63	117,775	14,350	10,775	7,375	85,275	71	13	9,900	203	89,362
18	Clothing, men's, factory product	4	250,267	6,000	16,399	26,992	200,876	5	23	26,200	284	78,660
19	Clothing, women's, dressmaking	80	23,374	400	850	6,755	15,369	89	2	2,700	220	92,844
20	Coffee and spice, roasting and grinding	3	188,300	3,000	28,000	17,300	140,000	4	18	15,080	42	16,528
21	Confectionery	17	36,485	2,300	1,100	12,210	20,875	21	19	6,837	79	24,126
22	Cooperage	4	9,612	2,300	1,525	1,687	4,100	4			18	7,110
23	Dyeing and cleaning	7	7,065	500	300	4,205	2,060	8			14	6,800
24	Electrical apparatus and supplies	5	217,081	5,600	8,600	83,881	124,000	4	13	11,990	125	57,795
25	Electrical construction and repairs	3	21,735			235	21,500	4			12	7,600
26	Flouring and grist mill products	5	211,035	12,500	72,000	56,200	70,335	5	8	15,460	46	29,500
27	Foundry and machine shop products	37	4,693,290	335,312	422,935	824,489	3,050,554	35	169	207,676	2,880	1,517,988
28	Furniture, cabinetmaking, repairing, and upholstering.	14	13,100	700	350	1,885	10,165	16			22	12,390
29	Furniture, factory product	6	805,719	53,662	226,141	90,231	435,685	1	34	31,165	403	130,701
30	Hairwork	3	910			185	725	3			3	670
31	Ironwork, architectural and ornamental.	3	13,655	7,500	1,375	3,800	980	3	4	2,000	18	8,184
32	Labels and tags	4	36,050			23,500	12,550	4	7	8,196	21	9,313
33	Liquors, malt	9	1,727,327	373,000	668,500	303,910	381,917	5	29	42,970	152	97,268
34	Lock and gun smithing	4	985			875	110	5			4	2,213
35	Looking-glass and picture frames	8	8,340	800	700	2,390	4,950	8			8	4,752
36	Lumber, planing mill products, including sash, doors, and blinds.	5	299,370	25,400	45,918	55,400	172,652	8	22	21,870	347	193,832
37	Marble and stone work	6	45,685	3,500	1,000	18,865	22,320	8	8	5,320	66	48,356
38	Masonry, brick and stone	25	46,108	3,500	3,080	9,938	29,590	26	1	350	186	122,314
39	Millinery, custom work	37	43,999	300	650	1,614	41,435	38	7	3,010	85	22,238
40	Mineral and soda waters	3	43,600			11,500	32,100	4	9	9,914	15	5,924
41	Models and patterns	7	5,195			2,525	2,670	7	1	208	15	9,260
42	Monuments and tombstones	8	15,075	800	1,200	1,715	11,360	15	4	2,280	22	10,930
43	Painting, house, sign, etc	61	30,360	2,995	2,760	7,560	17,045	66	1	700	166	89,217
44	Paints	5	370,442	11,000	33,450	27,050	298,942	7	11	17,500	43	23,767
45	Paper and wood pulp	6	726,610	96,600	119,200	223,604	287,206	2	18	33,389	287	111,521
46	Paper hanging	8	85,555	1,200	4,150	1,075	79,130	10	6	3,108	17	8,727

BY SPECIFIED INDUSTRIES: 1900—Continued.

COLUMBUS—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.										
402	$273,422	40	$14,028	3	$496	$127,127	$13,333	$3,259	$77,268	$33,267	$195,536	$185,695	$9,841	$820,903	52
8	3,332					483	362	11	110		2,150	2,130	20	9,161	53
112	53,337			2	500	6,271	3,228	396	2,647		120,280	118,908	1,372	233,015	54
101	41,027			17	3,000	12,227	6,691	1,397	4,139		153,483	152,685	798	298,187	55
4	2,754	45	12,264			2,276	975	25	1,276		26,037	25,690	347	52,800	56
73	34,290					2,316	120	1,221	975		630,330	625,844	4,486	714,132	57
94	41,298	6	515	4	760	8,160	3,433	1,034	3,693		84,652	83,075	1,577	194,635	58
237	62,028	245	50,755	1	162	178,527	3,293	1,739	172,917	578	103,513	102,632	881	452,125	59
46	17,165	17	3,500	1	150	8,009	6,300	419	1,290		63,414	62,999	415	131,154	60
45	27,219			2	250	4,274	2,708	282	1,164	120	16,507	16,081	426	71,146	61
25	8,752	1	150			3,125	220	315	2,590		63,863	63,560	303	89,660	62
1,806	844,644	568	112,561	15	3,170	791,553	32,452	42,432	662,418	54,251	3,661,572	3,575,148	86,424	6,616,757	63

hardware, 1; hardware, saddlery, 1; hosiery and knit goods, 1; ice, manufactured, 2; iron and steel, doors and shutters, 1; jewelry, 1; lamps and reflectors, 2; leather, tanned, curried, and finished, 2; lithographing and engraving, 2; lumber and timber products, 2; mattresses and spring beds, 1; mineral and soda waters, 2; mirrors, 1; mucilage and paste, 2; musical instruments and materials, not specified, 2; oleomargarine, 1; perfumery and cosmetics, 1; photolithographing and photoengraving, 1; plumbers' supplies, 1; regalia and society banners and emblems, 2; registers, cash, 1; rubber and elastic goods, 1; saws, 2; shoddy, 1; show cases, 2; soap and candles, 2; starch, 2; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; taxidermy, 1; varnish, 1; washing machines and clothes wringers, 1; watches, 1; window shades, 1; wood, turned and carved, 2; woolen goods, 1.

DAYTON.

13,576	$7,059,503	3,143	$875,781	150	$24,508	$3,295,885	$215,072	$141,852	$2,650,595	$288,366	$16,800,911	$16,487,140	$313,771	$35,697,695	1
608	303,041					212,348	150	10,808	201,390		594,646	585,184	9,462	1,281,658	2
8	3,851	8	2,264			1,879	948	86	570	275	13,308	13,190	118	29,600	3
8	3,882					213	155	30	28		1,657	1,622	35	9,275	4
15	7,782					2,117	1,667	88	377	85	8,969	8,628	341	28,700	5
59	30,682			1	156	12,947	6,498	289	1,150	5,060	35,701	33,951	1,750	135,217	6
21	9,359					5,017	4,467	105	445		20,511	20,030	481	64,774	7
49	21,564	61	14,646			3,404	1,500	353	1,551		37,115	35,925	1,190	99,916	8
135	65,017	215	35,643			33,708	6,500	852	26,356		260,773	257,923	2,850	490,895	9
255	88,044	5	900			37,728	240	1,795	35,693		163,021	158,457	4,564	375,136	10
158	82,512	24	4,707	4	800	25,245	12,953	2,220	10,072		332,402	320,639	11,763	629,302	11
18	9,617			2	260	796	96	74	626		19,042	18,732	310	38,440	12
246	132,073			1	156	110,678	1,203	583	3,831	105,061	406,332	404,906	1,426	740,802	13
1	468					167	108	35	24		1,836	1,778	58	5,196	14
231	105,588					15,319	900	3,214	11,205		182,783	181,633	1,150	413,205	15
204	104,621	1	600			9,434	2,854	2,113	4,467		151,866	149,132	2,734	388,205	16
133	71,825	67	16,953	3	584	26,648	12,016	745	3,317	10,570	123,629	122,652	977	354,163	17
18	9,000	266	69,660			9,417	1,620	1,565	6,232		173,613	172,333	1,280	328,217	18
5	3,560	214	89,176	1	108	9,053	6,864	35	2,154		39,513	38,837	676	157,005	19
17	8,744	25	7,784			19,125	3,200	2,245	13,680		386,245	383,267	2,978	506,794	20
33	15,129	45	8,866	1	131	7,151	5,357	395	1,399		102,552	100,958	1,594	191,190	21
18	7,110					323	140	46	137		16,586	16,461	125	26,748	22
11	5,918	2	700	1	182	1,939	1,296	51	592		2,631	2,167	464	19,884	23
115	53,895	10	3,900			18,392	3,380	278	14,734		74,294	73,044	1,250	197,126	24
12	7,600					1,074	649	75	350		19,960	19,950	10	38,000	25
46	29,500					14,495	1,000	3,555	9,940		527,288	520,308	6,980	626,718	26
2,322	1,501,555	56	16,069	2	364	366,481	18,083	14,875	331,686	1,837	2,499,763	2,436,335	63,428	4,994,984	27
19	11,688			3	702	2,339	1,822	128	264	125	25,517	25,331	186	58,272	28
385	127,827	2	624	16	2,250	37,343	1,480	3,548	32,315		285,034	280,304	4,730	528,248	29
		3	670			882	696	10	176		1,653	1,628	25	6,115	30
18	8,184					1,920	250	170	1,500		8,892	8,730	162	23,620	31
13	7,944	7	1,699	1	200	16,949	1,901	94	2,954	12,000	21,475	20,877	598	39,344	32
152	97,268					345,242	2,250	12,253	330,739		182,974	164,448	18,526	794,295	33
4	2,213					623	388	155	80		1,175	1,020	155	6,120	34
8	4,752					2,561	2,148	67	346		11,337	11,184	153	24,560	35
347	193,332					76,748	1,200	1,373	14,175	60,000	415,120	411,716	3,404	751,724	36
66	43,356					14,727	1,505	52	3,170	10,000	33,361	31,006	2,355	114,778	37
186	122,314					4,912	650	220	2,898	1,135	150,288	150,168	120	328,067	38
		84	22,138	1	100	15,169	11,934	468	2,767		120,706	120,139	567	211,078	39
14	5,800			1	124	5,955	2,050	18	3,887		26,639	26,279	360	65,284	40
15	9,260					1,427	1,140	20	267		3,409	2,977	432	19,538	41
22	10,930					3,253	1,316	126	691	1,120	41,232	41,040	192	73,525	42
166	89,217					5,936	3,305	389	2,242		56,762	56,473	289	223,880	43
34	20,167	9	3,600			22,832	680	2,032	20,120		194,974	192,413	2,561	311,437	44
234	99,837	18	10,306	5	1,378	44,126	4,008	3,987	36,131		331,512	294,721	36,791	611,823	45
13	7,978	4	754			1,822	362	142	1,318		33,107	33,071	36	59,414	46

TABLE 8.—MANUFACTURES IN CITIES

DAYTON—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
47	Patent medicines and compounds	6	$480,002	$450	$350	$6,548	$422,654	8	24	$33,640	41	$10,572
48	Paving and paving materials	8	30,216	1,798	3,900	4,050	20,468	7	9	3,570	71	30,834
49	Photography	12	7,395	250	800	4,750	1,595	15	2	468	11	4,420
50	Plastering and stuccowork	13	8,745	825	1,385	1,790	4,745	18			35	18,673
51	Plumbing, and gas and steam fitting	21	119,760	21,200	11,500	11,550	75,510	28	10	7,598	158	83,196
52	Printing and publishing, book and job	18	277,477	6,700	7,700	130,500	132,577	16	59	39,899	186	85,500
53	Printing and publishing, newspapers and periodicals.	12	529,017	63,500	72,000	152,097	242,320	5	54	51,081	276	138,120
54	Registers, cash	3	4,143,630	47,612	487,576	315,251	3,293,191	1	252	274,073	1,643	1,047,394
55	Roofing and roofing materials	8	9,910	600	175	2,850	6,285	9	1	360	15	7,676
56	Saddlery and harness	17	46,535	18,000	10,550	3,610	14,375	21	1	900	27	12,392
57	Slaughtering and meat packing, wholesale.	9	228,400	29,500	47,400	25,700	125,800	14	12	9,900	144	74,051
58	Soap and candles	6	289,376	18,300	51,750	30,774	188,552	5	62	52,618	87	30,904
59	Tinsmithing, coppersmithing, and sheet-iron working.	28	138,640	35,400	26,900	25,270	51,070	34	3	1,970	103	51,066
60	Tobacco, cigars and cigarettes	70	576,820	29,900	43,970	55,634	447,316	78	36	50,668	1,098	435,789
61	Tobacco, stemming and rehandling	10	854,200	16,000	57,000	9,200	772,000	17	11	16,350	721	177,329
62	Tools, not elsewhere specified	3	7,350	200	200	3,500	3,450	2			7	7,260
63	Umbrellas and canes	3	83,819			7,289	76,530	4	12	6,997	59	21,880
64	Watch, clock, and jewelry repairing	21	13,100	2,635	1,235	3,320	5,910	23			17	10,129
65	All other industries[1]	81	6,035,975	278,329	886,774	1,345,390	3,575,482	77	272	310,636	3,979	1,338,444

[1] Embraces baking and yeast powders, 2; blacking, 1; bookbinding and blank book making, 1; bottling, 1; boxes, wooden packing, 1; brick and tile, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; china decorating, 1; cleansing and polishing preparations, 1; cordage and twine, 1; corsets, 2; cutlery and edge tools, 1; druggists' preparations, not including prescriptions, 1; electroplating, 1; engraving and diesinking, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 2; flags and banners, 1; flavoring extracts, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; fur goods, 1; gas and oil stoves, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; grease and tallow, 2; hand stamps, 1; ice, manufactured, 1; iron and steel,

HAMILTON.

1	All industries	222	$12,575,821	$997,361	$2,154,658	$3,197,688	$6,226,119	219	325	$413,632	5,850	$2,626,084
2	Bicycle and tricycle repairing	3	1,660			360	1,300	5			1	390
3	Blacksmithing and wheelwrighting	15	8,075	1,675	1,150	1,675	3,575	18			13	9,621
4	Boots and shoes, custom work and repairing.	12	6,535	1,700	3,445	625	765	15			6	2,235
5	Bread and other bakery products	12	35,200	6,650	19,000	6,750	2,800	14			33	15,727
6	Carpentering	10	47,445	8,900	4,725	2,940	30,880	11			70	43,128
7	Carriage and wagon materials	3	34,600	7,100	4,900	4,300	18,300	5	1	936	30	11,800
8	Carriages and wagons	3	243,547	11,000	66,000	14,878	151,669	2	16	17,784	178	77,759
9	Clothing, men's, custom work and repairing.	13	34,915	7,000	2,000	4,805	21,110	15	12	5,852	50	22,188
10	Confectionery	3	2,150			1,650	500	4	2	400	3	700
11	Flouring and grist mill products	3	119,958	16,600	18,350	49,480	35,528		9	8,670	36	21,442
12	Foundry and machine shop products	16	4,567,846	237,000	795,264	1,154,894	2,380,688	6	100	142,697	2,700	1,323,936
13	Furniture, cabinetmaking, repairing, and upholstering.	5	11,430	1,950	4,200	3,555	1,725	7			3	1,400
14	Liquors, malt	3	1,994,956	270,000	328,584	391,940	1,004,432		22	28,240	178	103,861
15	Looking-glass and picture frames	4	1,800	200	200	50	1,350	4			2	740
16	Lumber, planing mill products, including sash, doors, and blinds.	3	96,100	16,400	21,000	14,100	44,600	2	11	9,050	62	40,230
17	Malt	3	584,660	158,000	170,000	50,660	206,000	3	4	7,526	30	17,054
18	Masonry, brick and stone	4	2,800	900		500	1,400	4			25	21,400
19	Millinery, custom work	8	7,360			460	6,900	8	9	3,090	40	15,540
20	Painting, house, sign, etc	9	2,299			745	1,554	13			13	5,090
21	Photography	5	3,825			2,225	1,600	5			5	1,200
22	Plumbing, and gas and steam fitting	7	6,205			1,155	5,140	9	3	1,646	29	15,559
23	Printing and publishing, book and job	3	11,535			9,000	2,535	7			15	4,806
24	Printing and publishing, newspapers and periodicals.	3	138,400	15,000	21,000	57,000	45,400		5	4,880	107	40,154
25	Roofing and roofing materials	5	15,275	2,000	1,000	4,975	7,300	6	2	1,040	16	8,037
26	Saddlery and harness	6	6,765	1,810	3,000	265	1,690	6			5	2,871
27	Safes and vaults	3	1,947,444	94,000	291,740	739,414	822,290		22	45,924	509	252,138
28	Tinsmithing, coppersmithing, and sheet-iron working.	5	263,780	10,200	52,100	86,605	114,875	4	11	20,020	340	99,970
29	Tobacco, cigars and cigarettes	12	11,390	700	1,200	1,115	8,375	13			22	10,242
30	Watch, clock, and jewelry repairing	4	5,950			525	5,425	4			4	2,436
31	All other industries[1]	37	2,361,826	128,576	345,800	591,037	1,296,413	29	96	115,877	1,320	449,880

[1] Embraces agricultural implements, 2; boots and shoes, factory product, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 1; carpets, rag, 2; clothing, men's, factory product, 1; electroplating, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 2; hardware, 1; hosiery and knit goods, 1; lock and gun smithing, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 1; models

BY SPECIFIED INDUSTRIES: 1900—Continued.

DAYTON—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
9	$3,948	32	$6,624			$45,288	$2,528	$1,030	$41,730		$51,412	$53,832	$580	$215,099	47
71	30,834					1,903	265	135	1,503		40,286	40,058	228	90,104	48
7	3,582	2	400	2	$438	4,768	3,343	101	1,319	$5	8,091	7,952	139	28,575	49
35	18,673					984	510	93	381		25,754	25,742	12	64,212	50
157	88,086			1	110	12,538	6,464	1,254	4,820		210,289	208,943	1,346	409,896	51
142	73,508	40	11,322	4	670	55,415	9,546	1,159	27,861	16,849	173,335	169,988	3,347	431,840	52
218	125,815	55	12,070	3	235	43,651	4,272	3,372	27,903	8,104	146,234	140,933	5,301	486,639	53
1,465	983,778	178	63,616			841,758	754	7,116	833,888		647,858	632,940	14,918	4,927,261	54
14	7,596			1	80	1,277	924	60	293		23,997	23,759	238	45,340	55
25	12,488	2	404			3,783	2,664	438	681		24,724	24,425	299	56,732	56
144	74,061					9,967	490	2,203	7,274		898,963	889,910	9,053	1,031,575	57
52	24,541	13	2,603	22	3,760	100,440	840	2,971	96,629		290,906	287,163	3,743	643,458	58
95	49,466	4	1,000	4	600	11,819	4,333	1,079	6,407		124,592	123,209	1,383	232,108	59
343	162,915	741	271,314	14	1,560	215,642	9,920	2,124	203,598		420,194	417,773	2,421	1,285,400	60
225	70,621	485	105,808	10	900	26,085	2,968	3,696	16,421	3,000	605,747	604,233	1,514	886,764	61
6	7,000	1	260			2,618	564	15	149	1,890	2,844	2,707	137	15,625	62
19	10,440	37	10,816	3	624	6,249	3,340	416	2,493		136,232	135,616	616	192,100	63
16	10,021			1	108	3,276	2,879	122	275		5,194	4,800	394	30,114	64
3,540	1,752,631	397	77,885	42	7,928	358,560	25,539	42,797	238,924	51,300	4,819,551	4,741,585	77,966	8,201,681	65

forgings, 1; jewelry, 2; lasts, 1; lime and cement, 1; lumber and timber products, 2; mattresses and spring beds, 2; mucilage and paste, 2; oil, lard, 1; oil, linseed, 1; paper goods, not elsewhere specified, 2; photolithographing and photoengraving, 2; pickles, preserves, and sauces, 1; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; pumps, not including steam pumps, 2; saws, 1; scales and balances, 1; screws, wood, 1; sewing machine repairing, 1; sewing machines and attachments, 1; shirts, 2; slaughtering, wholesale, not including meat packing, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 2; tobacco, chewing, smoking, and snuff, 1; toys and games, 2; trunks and valises, 1; varnish, 2; vault lights and ventilators, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woodenware, not elsewhere specified, 1.

HAMILTON.

5,027	$2,445,121	758	$171,649	65	$9,314	$803,481	$30,104	$43,549	$729,228	$600	$5,535,568	$5,388,146	$147,422	$12,003,316	1
1	390					295	250	19	26		1,778	1,778		4,425	2
17	9,445			1	176	1,970	1,622	66	282		6,455	6,097	358	31,490	3
6	2,235					1,152	912	105	135		3,459	3,459		13,112	4
29	14,843	4	884			3,458	2,320	458	680		52,606	51,373	1,233	94,950	5
70	43,128					1,757	100	485	1,172		73,091	73,091		132,638	6
30	11,800					1,110		260	850		17,908	17,233	675	38,300	7
156	72,659	13	3,500	9	1,600	39,106	408	1,208	37,490		211,772	209,954	1,818	570,334	8
36	17,696	14	4,492			5,146	3,229	447	870	600	38,886	38,696	190	93,810	9
1	300	2	400			1,056	850	26	180		4,470	4,404	66	10,000	10
36	21,442					5,630	900	530	4,200		496,900	491,180	5,720	582,638	11
2,685	1,321,382	3	824	12	1,780	196,429	1,510	17,491	177,428		1,833,034	1,289,926	43,108	3,945,570	12
3	1,400					635	520	80	35		1,875	1,830	45	7,725	13
178	108,861					362,339		5,604	356,735		191,759	164,772	26,987	795,284	14
2	740					356	289	12	55		3,315	3,315		5,625	15
62	40,230					2,432		550	1,882		47,336	45,924	1,412	115,500	16
30	17,054					10,867	1,713	1,576	7,578		207,417	198,990	8,427	255,860	17
25	21,400					40		15	25		5,523	5,523		32,075	18
		40	15,540			2,758	1,540	108	1,110		29,025	28,966	59	67,450	19
13	5,090					352	330		22		4,929	4,929		17,550	20
		5	1,200			1,682	1,452	30	200		2,705	2,705		11,600	21
29	15,559					1,869	970	50	849		17,520	17,459	61	45,710	22
6	8,000	8	1,606	1	200	1,074	416	62	596		7,475	7,120	355	20,950	23
42	25,520	53	13,634	12	1,000	5,144	1,260	466	3,418		26,741	25,643	1,098	94,850	24
16	8,037					2,505	1,750	245	510		17,204	17,071	133	35,600	25
5	2,371					993	838	147	8		4,182	4,180	2	10,675	26
501	250,682			8	1,456	24,345		4,299	20,046		473,538	464,873	8,665	962,907	27
181	66,970	159	33,000			9,722	510	1,439	7,773		452,703	447,795	4,908	616,304	28
20	10,032			2	210	6,479	1,438	98	4,943		15,602	15,564	38	42,224	29
4	2,436					936	615	75	246		951	908	43	7,250	30
843	350,419	457	96,569	20	2,892	111,844	4,362	7,598	99,884		1,785,409	1,743,888	42,021	3,840,410	31

and patterns, 2; monuments and tombstones, 1; paints, 1; paper and wood pulp, 2; paper goods, not elsewhere specified, 1; patent medicines and compounds, 1; paving and paving materials, 2; plastering and stuccowork, 2; plumbers' supplies, 1; pottery, terra cotta, and fire-clay products, 1; tobacco, stemming and rehandling, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1.

TABLE 8.—MANUFACTURES IN CITIES

LIMA.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	195	$5,487,584	$302,106	$711,657	$2,270,923	$2,202,898	230	208	$166,716	2,223	$1,050,780
2	Bicycle and tricycle repairing	7	4,225		500	1,975	1,750	7			4	1,221
3	Blacksmithing and wheelwrighting	15	8,577	2,500	2,450	1,480	2,147	22			14	7,167
4	Boots and shoes, custom work and repairing.	13	2,820		140	1,720	960	13			6	3,000
5	Bread and other bakery products	8	14,175	6,500	2,500	2,275	2,900	8	4	1,460	18	8,008
6	Carpentering	8	14,800	200	305	1,730	12,565	11			27	13,178
7	Clothing, men's, custom work and repairing.	13	24,825		125	1,430	23,270	15	5	4,016	80	31,297
8	Confectionery	4	30,800		3,500	7,150	20,150	3	14	8,981	38	8,877
9	Flouring and grist mill products	4	50,750	11,050	15,250	10,925	13,525	4	4	3,449	15	6,500
10	Foundry and machine shop products	6	456,459	23,800	113,530	88,108	236,021	9	15	13,502	225	131,595
11	Furniture, cabinetmaking, repairing, and upholstering.	5	1,707			832	875	6			2	690
12	Lumber, planing mill products, including sash, doors, and blinds.	8	19,800	10,500	3,500	5,200	600	4			8	3,480
13	Millinery, custom work	7	21,055			155	20,900	8	12	2,484	16	4,098
14	Photography	5	3,575		300	2,385	890	7			4	1,742
15	Plumbing, and gas and steam fitting	7	6,100			950	5,150	8	4	1,128	26	14,770
16	Printing and publishing, book and job	3	8,200			6,400	1,800	4			4	1,186
17	Printing and publishing, newspapers and periodicals.	6	88,200	5,000	20,000	55,000	8,200	6	17	13,472	57	23,496
18	Roofing and roofing materials	3	5,500	3,100	500	850	1,050	3			4	2,392
19	Saddlery and harness	5	7,250	1,000	1,300	450	4,500	6	1	312	10	3,984
20	Tinsmithing, coppersmithing, and sheet-iron working.	8	12,350	500	50	4,550	7,250	11	1	468	30	13,887
21	Tobacco, cigars and cigarettes	7	88,191	600	2,100	2,522	82,969	9	11	15,580	320	88,925
22	Tools, not elsewhere specified	3	30,250	1,750	2,500	8,000	18,000	2	1	1,200	26	18,984
23	Watch, clock, and jewelry repairing	9	3,975			2,125	1,850	12			5	2,370
24	All other industries[1]	46	4,584,000	235,606	543,107	2,069,711	1,735,576	52	119	100,664	1,284	659,933

[1] Embraces awnings, tents, and sails, 1; bottling, 2; boxes, cigar, 1; brass castings and brass finishing, 1; brick and tile, 2; carriages and wagons, 2; cars and general shop construction and repairs by steam railroad companies, 2; clothing, men's, factory product, 1; clothing, women's, dressmaking, 2; cutlery and edge tools, 1; dyeing and cleaning, 1; explosives, 1; furniture, factory product, 2; gas, illuminating and heating, 1; iron and steel, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; liquors, malt, 1; lock and gun smithing, 1; lumber and timber products, 2; marble and stone work, 1; masonry,

SPRINGFIELD.

1	All industries	305	$14,091,175	$636,895	$1,539,570	$2,034,378	$9,880,332	300	1,313	$1,113,310	6,638	$3,160,119
2	Agricultural implements	7	8,194,543	232,122	640,352	332,317	6,989,752		897	689,616	2,359	1,174,545
3	Bicycle and tricycle repairing	5	11,225	3,000	2,000	1,450	4,775	5			6	3,436
4	Blacksmithing and wheelwrighting	27	11,405	2,250	3,410	2,865	2,940	33			14	6,633
5	Boots and shoes, custom work and repairing.	15	4,712	900	950	1,252	1,610	19			11	4,340
6	Bread and other bakery products	22	93,182	20,950	27,050	23,295	21,887	23	15	7,532	48	21,397
7	Carpentering	5	14,695	5,000	3,050	5,600	1,045	5			21	11,880
8	Carriages and wagons	5	6,015	100	100	2,215	3,600	8			22	9,564
9	Clothing, men's, custom work and repairing.	16	36,813			1,688	35,125	20	3	1,362	92	37,245
10	Clothing, women's, dressmaking	5	3,285			1,735	1,550	5			16	2,700
11	Coffins, burial cases, and undertakers' goods.	3	209,491	3,000	12,708	35,255	158,528	2	23	21,316	197	64,768
12	Confectionery	7	31,258			4,290	26,968	9	1	84	22	8,748
13	Dyeing and cleaning	5	7,625	1,500	1,300	1,635	3,190	5			17	4,270
14	Foundry and machine shop products	30	2,772,036	132,006	462,740	721,792	1,455,498	14	137	160,262	2,197	1,084,681
15	Millinery, custom work	9	17,670	1,000	500	295	15,875	10	14	2,300	26	6,095
16	Models and patterns	4	5,600		800	2,550	2,250	9			17	9,208
17	Painting, house, sign, etc	3	13,780	4,200	3,874	420	5,286	2	5	3,042	23	11,963
18	Patent medicines and compounds	6	125,131	7,000	5,000	11,477	101,654	5	33	37,576	16	6,442
19	Photography	7	5,900			4,875	1,025	8	1	250	7	2,500
20	Plumbing, and gas and steam fitting	5	52,756	7,500	200	3,627	41,429	9	6	4,484	47	20,395
21	Printing and publishing, book and job	8	87,140	16,000	6,000	44,634	20,506	9	6	6,250	106	44,591
22	Printing and publishing, newspapers and periodicals.	7	478,805	11,700	87,300	210,262	169,043	1	45	60,449	362	164,375
23	Pumps, not including steam pumps	3	1,175			325	850	3			4	1,350
24	Saddlery and harness	4	12,290			400	11,890	4	2	1,800	13	6,090
25	Tinsmithing, coppersmithing, and sheet-iron working.	11	44,300	17,800	8,400	4,800	13,300	10	2	1,272	22	12,102
26	Tobacco, cigars and cigarettes	11	11,110			1,610	9,500	14	1	600	33	13,875
27	Watch, clock, and jewelry repairing	9	7,200	400	875	3,675	2,750	9			9	5,450
28	All other industries[1]	66	1,832,473	170,467	273,461	610,039	778,506	59	122	115,115	931	421,061

[1] Embraces awnings, tents, and sails, 1; bicycles and tricycles, 1; bookbinding and blank book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 2; brick and tile, 2; brooms and brushes, 2; carpets, rag, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 1; flouring and grist mill products, 2; food preparations, 1; furnishing goods, men's, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, factory product, 2; gas and oil stoves, 1; gas, illuminating and heating, 1; grindstones, 1; hardware, 1; ice, manufactured, 1; iron and steel, nails and spikes, cut

BY SPECIFIED INDUSTRIES: 1900—Continued.

LIMA.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
1,838	$970,530	384	$80,073	1	$177	$277,408	$32,167	$18,663	$180,647	$45,931	$4,156,028	$4,008,348	$147,680	$6,705,136	1
4	1,221					1,059	656	23	380		4,249	4,132	117	10,197	2
14	7,167					1,596	1,227	50	309	10	8,328	7,826	502	31,716	3
6	3,000					1,324	1,083	8	233		5,807	5,736	71	16,362	4
15	7,072	3	936			3,107	1,938	118	1,051		24,913	23,997	916	47,881	5
27	13,178					12,094	242	23	154	11,675	26,362	26,242	120	59,815	6
32	19,334	48	11,963			5,218	3,972	292	954		24,708	24,328	380	83,885	7
13	4,700	24	4,000	1	177	3,481	1,480	175	1,826		52,095	51,399	696	86,620	8
15	6,500					2,994	300	461	2,233		163,954	162,494	1,460	184,742	9
225	131,595					12,663	276	2,808	9,570	9	142,549	136,880	5,669	396,923	10
2	690					1,074	832	12	230		2,393	2,358	35	6,900	11
8	3,480					442	120	210	112		3,932	3,487	445	11,200	12
		16	4,098			5,099	2,855	369	1,875		38,954	38,954		57,305	13
3	1,312	1	400			1,824	1,086	15	598	125	4,997	4,992	5	13,840	14
26	14,770					1,849	1,500	68	281		28,982	28,852	130	54,518	15
3	1,006	1	180			1,153	600	20	533		4,535	4,355	180	12,450	16
51	21,702	6	1,794			13,016	5,030	734	6,937	315	20,870	19,916	954	90,450	17
4	2,392					311	60	78	173		6,985	6,930	55	12,975	18
10	3,984					1,534	819	116	599		7,158	7,128	30	15,821	19
30	13,887					2,526	1,306	143	1,077		32,511	32,069	442	59,702	20
75	41,780	245	47,145			46,160	1,178	305	44,677		138,824	138,767	57	306,699	21
26	18,984					1,105	405	376	324		25,320	21,810	3,510	74,090	22
5	2,370					1,699	1,007	10	332	350	2,419	2,374	45	10,359	23
1,244	650,376	40	9,557			156,080	4,195	12,249	106,189	33,447	3,385,183	3,253,322	131,861	5,060,776	24

brick and stone, 1; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; painting, house, sign, etc., 2; paper and wood pulp, 1; patent medicines and compounds, 1; paving and paving materials, 2; petroleum, refining, 1; plated and britannia ware, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; taxidermy, 1; wood, turned and carved, 2.

SPRINGFIELD.

6,119	$3,041,460	496	$115,055	23	$3,604	$1,286,798	$55,322	$78,470	$1,129,968	$23,038	$5,569,261	$5,425,089	$144,172	$12,777,173	1
2,317	1,160,320	42	14,225			585,962		45,162	540,800		2,222,540	2,178,093	44,447	5,272,636	2
6	3,436					1,004	400	259	345		5,607	5,521	86	14,565	3
14	6,638					2,382	2,188	65	129		8,364	7,389	975	39,937	4
11	4,340					821	721	22	78		4,614	4,512	102	17,107	5
43	20,847	5	1,050			7,943	3,241	639	4,063		78,935	75,646	3,289	150,419	6
21	11,880					12,222	118	100	6,004	6,000	17,654	17,236	418	67,320	7
22	9,564					2,209	2,068	101	40		9,741	9,460	281	29,487	8
44	23,760	48	13,485			9,841	5,110	300	3,096	1,335	41,527	41,217	310	117,675	9
		16	2,700			985	882	9	94		2,074	1,968	106	9,150	10
153	57,961	39	6,807			21,881	1,576	615	19,690		164,299	163,384	915	303,754	11
16	7,548	6	1,200			3,759	1,958	117	1,684		23,838	22,954	884	59,595	12
7	2,920	10	1,350			674	576	10	88		978	852	126	10,450	13
2,175	1,079,312	12	3,175	10	2,194	249,080	8,435	10,559	220,271	9,815	1,205,057	1,154,001	51,056	3,097,910	14
		26	6,005			4,780	3,516	193	1,071		25,064	24,889	175	51,920	15
17	9,208					522	370	52	100		1,277	1,018	259	14,850	16
23	11,963					1,503	240	54	1,209		9,023	8,932	91	32,350	17
10	5,220	6	1,222			18,085	913	679	16,493		32,325	31,457	868	121,554	18
3	1,400	4	1,100			2,511	1,827	35	649		8,929	8,766	163	24,330	19
47	20,395					6,237	1,840	643	3,754		95,904	95,577	327	128,758	20
83	38,221	23	6,370			4,606	1,297	862	2,447		61,571	60,151	1,420	130,239	21
245	135,249	115	28,866	2	260	146,555	3,656	1,984	140,915		274,808	271,640	3,168	714,214	22
4	1,350					585	522	8	55		962	932	30	4,275	23
13	6,090					1,606	1,200	206	200		16,597	16,527	70	27,900	24
22	12,102					2,076	1,600	227	249		24,591	24,034	557	53,825	25
26	12,640	7	1,235			9,920	1,211	50	8,659		32,217	31,962	255	69,446	26
9	5,450					1,319	860	61	398		2,689	2,623	66	15,500	27
783	393,646	187	26,265	11	1,150	187,730	8,997	15,458	157,387	5,888	1,198,076	1,164,348	33,728	2,198,007	28

and wrought, including wire nails, 1; ironwork, architectural and ornamental, 1; leather, tanned, curried, and finished, 1; lime and cement, 2; liquors, malt, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; lumber, planing mill products, including, sash, doors, and blinds, 2; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 1; monuments and tombstones, 2; optical goods, 1; paper hanging, 2; photolithographing and photoengraving, 1; plastering and stuccowork, 1; roofing and roofing materials, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; sugar and molasses, refining, 1; washing machines and clothes wringers, 1; windmills, 1; wirework, including wire rope and cable, 1.

TABLE 8.—MANUFACTURES IN CITIES

TOLEDO.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
1	All industries	1,050	$25,591,916	$2,180,994	$4,570,338	$6,653,454	$12,187,130	1,114	1,278	$1,224,281	15,383	$6,845,687
2	Awnings, tents, and sails	4	88,360	25,000	20,000	13,200	30,160	3	9	6,200	45	15,230
3	Baskets, and rattan and willow ware	3	3,800	1,100	800	1,200	700	3			14	6,003
4	Bicycle and tricycle repairing	26	20,982		100	4,530	16,352	32	1	216	20	7,915
5	Bicycles and tricycles	7	1,526,993	36,037	203,274	608,165	679,517	2	44	48,878	912	416,119
6	Blacksmithing and wheelwrighting	55	88,700	32,650	26,640	9,740	19,670	66	2	1,270	77	47,183
7	Bookbinding and blank book making	4	46,510			12,499	34,011	4	8	6,280	33	11,700
8	Boots and shoes, custom work and repairing.	57	26,960	9,300	9,910	3,528	4,222	55			19	8,040
9	Bottling	5	70,558	14,000	16,000	6,650	33,908	2	12	13,200	49	23,040
10	Boxes, cigar	3	11,400			7,800	3,600	4			13	3,790
11	Bread and other bakery products	46	435,037	85,050	121,550	126,781	101,656	48	30	21,516	278	132,706
12	Brick and tile	11	393,312	116,467	126,103	48,950	101,792	16	8	6,636	288	135,851
13	Bridges	4	291,100	7,000	23,000	126,100	135,000	3	12	17,200	305	100,198
14	Brooms and brushes	5	126,245	1,650	750	54,886	68,959	5	12	14,316	196	58,370
15	Carpentering	51	153,705	21,025	48,400	17,665	66,615	58	6	5,560	497	247,094
16	Carpets, rag	6	12,815	2,850	3,650	3,400	2,915	5	2	2,400	18	6,938
17	Carriage and wagon materials	6	470,229	74,200	86,500	84,203	225,326	1	26	27,119	277	96,996
18	Carriages and wagons	10	1,817,369	103,000	294,006	115,141	1,305,222	12	39	42,720	524	183,516
19	Cars and general shop construction and repairs by steam railroad companies.	8	333,111	25,225	92,175	76,631	139,080		40	31,463	606	343,948
20	Clothing, men's, custom work and repairing.	68	197,200	11,550	17,725	13,285	154,640	81	9	8,370	285	124,019
21	Clothing, men's, factory product	3	9,900			4,400	5,500	6	1	1,050	80	18,980
22	Clothing, women's, dressmaking	16	5,850			1,750	4,100	18			105	29,356
23	Clothing, women's, factory product	4	203,811			18,331	185,480	8	14	24,585	623	170,606
24	Confectionery	15	72,301	1,800	2,100	11,929	56,475	19	27	12,316	86	31,281
25	Cooperage	18	18,235	4,180	3,230	1,800	9,025	15			22	12,623
26	Dyeing and cleaning	8	10,060	2,200	1,300	4,210	2,350	9			20	10,906
27	Electrical construction and repairs	7	29,432	2,000	2,500	5,355	19,577	11	1	240	40	22,259
28	Fancy articles, not elsewhere specified	3	26,341			4,841	21,500	2	2	1,560	20	7,073
29	Flouring and grist mill products	10	1,268,370	71,250	240,240	375,869	581,011	10	20	40,148	233	123,218
30	Foundry and machine shop products	27	1,945,058	96,867	370,831	465,010	1,012,350	22	139	117,843	1,991	970,143
31	Fur goods	3	41,362			1,712	39,650	4	6	920	38	9,090
32	Furniture, cabinetmaking, repairing, and upholstering.	18	61,822	5,725	13,425	7,787	34,885	21	6	5,600	109	53,090
33	Furniture, factory product	8	359,537	36,200	62,000	90,103	171,234	11	61	36,594	342	148,233
34	Hand stamps	3	7,700			3,500	4,200	4			10	5,192
35	Hats and caps, not including fur hats and wool hats.	3	13,869			1,982	11,887	3	6	4,550	37	11,000
36	Hosiery and knit goods	3	129,001	6,600	3,400	22,361	96,640		21	22,190	214	57,649
37	Jewelry	3	5,000			1,400	3,600	4	1	400	3	2,212
38	Lime and cement	7	77,927	5,000	2,000	11,074	59,853	7	15	7,110	40	18,750
39	Liquors, malt	6	2,189,000	216,000	780,000	386,000	807,000		47	76,070	253	150,799
40	Lock and gun smithing	4	1,900			750	1,150	5				
41	Looking-glass and picture frames	5	103,441	16,500	32,500	10,350	44,091	4	8	10,450	147	47,865
42	Lumber, planing mill products, including sash, doors, and blinds.	14	653,686	101,156	108,595	122,568	321,367	8	37	32,897	364	153,253
43	Marble and stone work	6	49,200	18,000	5,000	11,900	14,300	7	1	110	34	22,910
44	Masonry, brick and stone	9	236,670	650	400	3,620	232,000	11	2	3,500	121	69,370
45	Millinery, custom work	65	121,994	7,900	8,850	13,225	92,019	68	11	7,610	214	51,336
46	Mineral and soda waters	3	27,600	5,000	7,000	7,800	7,800	6	4	2,740	24	12,500
47	Monuments and tombstones	5	60,480	9,000	3,950	6,450	41,080	6	8	6,146	36	24,753
48	Painting, house, sign, etc	42	50,250	6,715	7,050	12,863	23,622	47	4	1,780	167	90,322
49	Paints	4	216,047	11,302	12,200	21,187	171,358	3	21	17,761	28	12,891
50	Paper hanging	8	26,150			1,400	24,750	7	7	4,240	28	16,260
51	Patent medicines and compounds	7	166,593	27,000	51,700	3,025	84,868	6	13	10,388	42	13,478
52	Paving and paving materials	10	198,778	19,700	32,215	56,127	90,736	11	10	9,450	243	109,557
53	Petroleum, refining	3	886,735	53,277	184,045	215,230	434,183		27	33,174	96	55,163
54	Photography	18	23,890		300	17,915	5,675	21	2	510	21	8,042
55	Plumbing, and gas and steam fitting	38	194,054	5,300	9,900	32,465	146,389	57	28	16,439	182	117,689
56	Printing and publishing, book and job	24	248,690	15,000	16,000	160,725	56,965	27	36	23,257	208	96,746
57	Printing and publishing, newspapers and periodicals.	14	431,798	500	2,000	302,450	126,848	8	68	54,263	319	197,352
58	Pumps, not including steam pumps	3	68,145		150	2,500	65,495	2	11	10,047	26	9,500
59	Roofing and roofing materials	4	36,748	5,000	5,000	6,176	20,572	4	5	2,872	32	15,400
60	Saddlery and harness	9	49,435	3,600	625	6,635	38,575	11	2	1,500	33	15,380
61	Ship and boat building, wooden	4	64,505	43,000	1,900	8,450	11,155	6			53	25,694
62	Tinsmithing, coppersmithing, and sheet-iron working.	51	599,257	33,040	71,600	111,021	383,596	59	41	42,964	641	237,399
63	Tobacco, cigars and cigarettes	50	75,570	14,425	12,825	3,941	44,379	52	5	3,040	127	57,743
64	Trunks and valises	3	34,800	1,200	2,000	2,950	28,650	5	11	9,200	62	20,280

BY SPECIFIED INDUSTRIES: 1900—Continued.

TOLEDO.

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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
12,717	$6,240,139	2,404	$551,721	262	$53,827	$3,068,389	$259,845	$153,514	$2,490,855	$164,175	$21,986,798	$21,477,275	$509,523	$37,372,355	1
17	8,088	28	7,142			8,366	1,008	290	7,068		71,929	71,304	625	111,884	2
11	5,008	3	1,000			291	72	16	203		1,400	1,310	90	9,566	3
20	7,015					3,809	2,970	33	806		21,026	20,662	364	49,151	4
905	414,519	7	1,600			77,954	3,348	4,284	70,322		891,970	862,203	29,767	1,583,460	5
77	47,188					8,100	5,229	876	1,995		36,684	34,421	2,263	148,563	6
17	8,494	14	2,894	2	312	6,515	1,555	83	4,877		22,782	22,297	485	64,116	7
18	7,830	1	210			4,926	4,120	375	431		17,318	16,738	580	56,348	8
49	23,040					15,112	600	876	13,636		92,640	91,610	1,030	224,360	9
7	2,380	6	1,410			1,055	730	85	240		12,258	11,932	326	21,710	10
216	121,701	61	10,875	1	130	56,112	10,374	3,335	42,403		475,492	464,310	11,182	807,575	11
282	134,566			6	1,285	22,271	2,000	2,468	17,803		52,846	8,827	44,019	279,152	12
305	160,198					13,815		1,350	12,465		284,691	280,591	4,100	562,257	13
114	42,350	82	16,020			9,415	4,167	1,623	3,625		112,297	109,752	2,545	217,399	14
497	247,094					70,571	2,956	1,255	8,360	58,000	821,147	820,457	690	1,273,178	15
10	5,122	8	1,816			1,513	140	105	1,268		8,684	8,301	383	21,169	16
278	96,152	4	844			28,066	285	3,047	24,734		257,592	252,826	4,766	461,136	17
521	182,686	3	930			86,117	3,200	9,155	73,762		559,672	549,026	10,646	918,203	18
606	343,048					6,578	250	2,651	3,677		478,725	467,922	10,803	865,605	19
226	106,145	58	17,744	1	130	35,382	22,754	1,398	9,560	1,670	148,296	146,898	1,398	413,651	20
6	2,800	74	15,580			1,153	769	99	285		40,295	39,645	650	67,400	21
14	9,060	91	20,296			5,935	4,323	53	1,459	100	17,438	16,975	463	69,400	22
181	70,000	492	100,606			30,795	6,180	799	23,816		483,360	481,115	2,245	941,918	23
44	21,888	41	9,293	1	100	20,235	11,050	529	8,656		165,963	163,577	2,386	290,412	24
22	12,023					739	251	126	362		33,426	33,351	75	63,575	25
12	7,572	8	3,334			5,766	3,367	131	2,168	100	12,940	12,154	786	39,700	26
38	21,071	2	1,188			3,798	2,268	144	1,386		69,837	69,472	365	119,850	27
7	2,475	13	4,598			3,775	1,820	80	1,875		16,805	16,295	510	37,028	28
230	122,618	3	600			100,918	2,272	6,948	91,698		4,033,921	4,009,080	24,841	4,458,749	29
1,990	969,987			1	156	243,170	17,638	12,154	208,178	5,200	1,130,157	1,053,260	76,897	2,715,613	30
7	3,490	31	6,200			4,576	3,416	110	1,050		24,253	24,203	50	51,991	31
94	48,940	16	4,150			6,156	3,610	651	1,895		98,810	98,430	380	202,825	32
330	144,697			12	3,636	50,166	4,425	3,222	42,469	50	129,065	123,910	5,155	413,337	33
9	4,932	1	260			1,480	836	19	625		2,360	2,220	140	13,025	34
20	6,900	17	4,100			1,278	636	52	590		30,185	29,842	343	47,116	35
4	2,268	208	54,981	2	400	15,270	2,250	868	12,152		66,136	65,014	1,122	172,700	36
2	2,160			1	52	1,797	925	47	225	600	4,413	4,376	37	12,893	37
38	17,950	7	1,400			13,369	2,516	569	10,084	200	64,651	63,021	1,630	128,580	38
250	150,199	3	600			688,252		21,498	666,754		329,605	296,269	33,336	1,458,593	39
						484	464	1	19		505	424	81	3,700	40
122	40,605	25	7,200			8,318	1,010	1,033	6,275		38,249	37,374	875	114,600	41
364	153,253					41,474	3,388	7,037	31,049		1,057,550	1,055,831	1,719	1,376,149	42
34	22,910					3,398	2,140	586	672		25,872	24,197	1,675	64,048	43
121	69,370					95,588	400	153	5,035	90,000	118,815	118,490	325	343,600	44
3	830	211	50,506			32,181	22,734	970	8,477		144,047	142,586	1,461	305,419	45
23	12,000	1	500			6,219	720	297	5,202		25,214	24,537	677	58,207	46
36	24,758					10,146	60	387	8,199	1,500	30,565	29,933	632	83,347	47
166	90,192			1	130	11,617	5,533	377	5,707		57,076	56,797	279	208,911	48
26	12,423	2	468			16,268	1,400	555	14,313		119,945	118,220	1,725	196,038	49
28	16,260					3,923	2,376	182	1,365		31,225	31,140	85	75,436	50
17	6,844	25	6,634			219,127	2,360	986	215,781		85,192	84,420	772	436,350	51
243	109,557					7,463	120	623	6,720		166,925	163,792	3,133	349,917	52
96	55,163					73,735		3,494	69,841	400	1,047,942	995,654	52,288	1,392,745	53
16	6,911	4	906	1	225	3,360	6,110	210	1,965	75	12,733	12,237	496	52,014	54
179	116,369	3	820			22,841	12,089	1,005	8,747	1,000	319,479	317,829	1,650	577,433	55
170	87,259	37	9,357	1	130	30,551	9,569	1,493	19,189	300	120,109	115,747	4,362	337,239	56
287	187,891	31	9,357	1	104	60,040	9,350	1,514	44,471	4,705	145,164	138,229	6,935	580,512	57
26	9,500					3,039	1,030	184	1,825		51,345	51,325	20	87,392	58
32	15,400					3,456	404	82	2,970		31,966	31,466	500	64,889	59
33	15,380					4,829	2,994	337	1,498		36,910	36,375	535	74,245	60
53	25,694					494	30	44	145	275	24,742	24,310	432	65,950	61
407	190,651	158	32,446	76	14,302	31,354	8,690	3,457	19,207		927,972	920,829	7,143	1,435,089	62
110	53,297	17	4,446			31,656	3,907	417	27,332		74,274	73,874	400	211,235	63
55	18,950	5	1,070	2	260	9,415	1,050	395	7,970		53,280	52,970	310	98,500	64

TABLE 8.—MANUFACTURES IN CITIES

TOLEDO—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
65	Watch, clock, and jewelry repairing	23	$15,985	$2,500	$2,150	$5,500	$5,835	22	2	$1,500	19	$12,536
66	Wirework, including wire rope and cable.	4	11,554	----------	500	6,611	4,443	3	4	2,160	10	3,222
67	Wood, turned and carved	3	3,550	----------	1,200	1,450	900	3	----------	----------	4	1,780
68	All other industries[1]	79	8,345,946	767,303	1,419,074	2,744,402	3,415,167	71	280	311,763	3,380	1,468,000

[1] Embraces agricultural implements, 1; artificial limbs, 1; billiard tables and materials, 1; boxes, fancy and paper, 2; boxes, wooden packing, 2; brass castings and brass finishing, 2; 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, 1; cheese and butter, urban dairy product, 1; cheese, butter, and condensed milk, factory product, 1; coffee and spice, roasting and grinding, 2; corsets, 2; cutlery and edge tools, 1; drug grinding, 1; electrical apparatus and supplies, 1; electroplating, 1; engraving and diesinking, 1; engraving, wood, 1; fertilizers, 1; flavoring extracts, 1; food preparations, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 2; glass, 2; gloves and mittens, 1; horseshoes, factory product, 1; instruments, professional and scientific, 2; iron and steel, 1; iron and steel, pipe, wrought, 1; ironwork, architectural

YOUNGSTOWN.

1	All industries	260	$22,360,097	$1,634,360	$3,081,032	$10,834,301	$6,810,404	253	434	$492,823	9,150	$4,951,460
2	Bicycle and tricycle repairing	6	5,425	----------	100	2,500	2,825	8	----------	----------	6	2,785
3	Blacksmithing and wheelwrighting	20	26,052	11,550	5,440	2,020	7,042	25	----------	----------	23	13,778
4	Boots and shoes, custom work and repairing.	12	3,918	1,400	426	1,200	892	12	----------	----------	3	1,475
5	Bread and other bakery products	10	50,690	25,500	10,400	2,680	12,110	12	----------	----------	36	17,430
6	Carriages and wagons	7	163,835	28,400	42,250	20,810	72,375	8	13	14,960	82	38,144
7	Clothing, men's, custom work and repairing.	21	44,657	----------	2,500	3,213	38,944	22	3	2,450	106	51,838
8	Clothing, women's, dressmaking	3	700	----------	----------	375	325	4	----------	----------	7	1,475
9	Confectionery	4	7,045	----------	100	4,500	2,445	4	2	1,040	12	4,537
10	Dyeing and cleaning	3	9,050	2,000	2,000	4,400	650	3	----------	----------	7	2,760
11	Foundry and machine shop products	12	1,460,840	138,125	244,716	503,280	574,219	4	65	74,341	789	430,828
12	Furniture, cabinetmaking, repairing, and upholstering.	3	2,030	----------	400	630	1,000	4	----------	----------	4	2,100
13	Iron and steel	11	17,541,854	1,105,000	2,240,000	9,319,500	4,877,354	----------	224	268,096	6,644	3,717,366
14	Looking-glass and picture frames	5	11,340	5,000	2,100	590	3,650	6	----------	----------	4	1,800
15	Lumber, planing mill products, including sash, doors, and blinds.	7	303,795	44,200	28,867	27,419	203,309	10	17	14,862	175	85,096
16	Millinery, custom work	16	29,465	2,000	3,500	1,040	22,925	18	1	900	69	15,102
17	Mineral and soda waters	4	8,350	1,625	2,000	2,500	2,225	3	1	150	10	3,700
18	Painting, house, sign, etc	10	3,460	----------	150	1,300	2,010	12	----------	----------	31	16,817
19	Paving and paving materials	3	14,850	1,500	350	6,776	6,224	5	2	1,200	14	8,987
20	Photography	6	6,525	----------	2,000	2,400	2,125	8	----------	----------	7	3,842
21	Plumbing, and gas and steam fitting	5	70,050	17,500	10,500	4,350	37,700	6	5	4,161	70	36,702
22	Printing and publishing, book and job	4	44,685	----------	----------	17,650	27,035	3	5	4,700	16	8,180
23	Printing and publishing, newspapers and periodicals.	4	133,200	10,000	30,000	63,843	29,357	2	12	12,100	90	58,550
24	Roofing and roofing materials	11	67,225	3,500	9,300	19,500	34,925	10	6	6,600	58	29,462
25	Saddlery and harness	5	16,325	3,500	2,200	1,850	8,775	4	2	1,100	14	8,370
26	Tinsmithing, coppersmithing, and sheet-iron working.	6	40,641	3,000	3,431	15,892	18,318	5	5	5,520	53	16,378
27	Tobacco, cigars and cigarettes	9	15,455	500	500	605	13,850	11	----------	----------	24	12,519
28	Watch, clock, and jewelry repairing	11	5,911	----------	----------	3,660	2,251	8	----------	----------	10	5,235
29	All other industries[1]	42	2,273,224	230,060	487,802	799,818	805,544	36	71	80,640	786	356,234

[1] Embraces bookbinding and blank book making, 1; bottling, 1; brass castings and brass finishing, 1; brick and tile, 1; brooms and brushes, 1; carpentering, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; china decorating, 1; clothing, men's, factory product, 1; cooperage, 2; electrical apparatus and supplies, 2; flouring and grist mill products, 1; food preparations, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; ice, manufactured, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel,

ZANESVILLE.

1	All industries	298	$5,162,067	$423,530	$1,016,554	$1,172,137	$2,549,846	336	424	$319,864	4,603	$1,786,005
2	Bicycle and tricycle repairing	3	1,005	----------	----------	370	635	3	----------	----------	4	1,375
3	Blacksmithing and wheelwrighting	15	15,789	7,470	1,625	1,992	4,702	18	----------	----------	18	7,380
4	Boots and shoes, custom work and repairing.	15	11,258	2,250	3,310	956	4,737	17	1	600	9	3,818
5	Bread and other bakery products	6	275,740	11,800	7,900	196,794	59,246	6	24	13,569	104	34,784
6	Carpentering	16	33,918	4,325	6,950	1,370	21,273	20	----------	----------	60	31,463
7	Carpets, rag	4	1,552	200	400	505	447	5	----------	----------	3	570
8	Carriages and wagons	5	21,000	2,500	4,000	5,500	9,000	8	1	120	23	9,009
9	Cars and general shop construction and repairs by steam railroad companies.	6	97,082	9,460	43,640	19,962	24,020	----------	11	8,782	303	157,612
10	Clothing, men's, custom work and repairing.	13	59,281	5,000	5,000	448	48,833	16	6	4,350	100	32,230
11	Clothing, women's, dressmaking	12	4,319	1,040	1,830	678	771	14	----------	----------	23	4,597
12	Confectionery	9	32,253	1,400	8,450	6,100	16,303	10	9	3,098	28	8,892
13	Flouring and grist mill products	7	131,791	10,626	24,590	31,300	65,275	13	4	2,225	19	10,175
14	Foundry and machine shop products	6	353,698	62,500	62,333	109,450	119,415	12	15	13,218	150	70,231
15	Furniture, cabinetmaking, repairing, and upholstering.	5	19,618	5,200	5,950	2,715	5,753	7	11	6,800	25	11,236
16	Liquors, malt	4	78,400	10,000	25,000	23,100	20,300	4	4	2,210	23	13,096

BY SPECIFIED INDUSTRIES: 1900—Continued.

TOLEDO—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
16	$11,686	3	$850			$4,882	$4,064	$241	$577		$6,396	$6,051	$345	$41,690	65
8	2,928	2	294			1,606	821	35	750		2,957	2,681	276	13,161	66
4	1,780					244	141	8	95		849	775	74	4,360	67
2,628	1,298,229	599	137,196	153	$32,575	671,085	22,581	46,007	602,497		6,118,431	5,970,586	142,845	9,321,461	68

and ornamental, 2; liquors, vinous, 2; lumber and timber products, 2; mattresses and spring beds, 2; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments, pianos and materials, 1; oil, linseed, 2; oil, not elsewhere specified, 1; optical goods, 2; paper and wood pulp, 1; perfumery and cosmetics, 2; photographic materials, 1; plastering and stuccework, 1; pottery, terra cotta, and fire-clay products, 1; rubber and elastic goods, 2; saws, 1; scales and balances, 1; shipbuilding, iron and steel, 1; show cases, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; stereotyping and electrotyping, 1; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; toys and games, 1; wheelbarrows, 1; windmills, 1; woodenware, not elsewhere specified, 1.

YOUNGSTOWN.

8,905	$4,885,779	226	$61,824	19	$3,857	$968,636	$40,806	$52,383	$868,908	$6,539	$23,541,769	$21,489,503	$2,052,266	$34,801,101	1
6	2,785					752	636	6	110		2,193	2,006	187	7,080	2
23	13,778					2,103	1,670	172	261		11,507	10,979	528	50,825	3
3	1,475					601	536	25	40		3,770	3,635	135	10,975	4
29	15,690	7	1,740			2,721	1,968	395	358		38,804	37,313	1,491	81,940	5
82	38,144					10,639	360	1,723	8,556		88,885	82,705	1,180	202,955	6
70	40,321	35	11,367	1	150	7,619	6,404	120	1,095		65,232	64,881	351	158,854	7
		7	1,475			490	444		46		660	625	35	3,950	8
9	4,037	3	500			785	620	2	163		21,111	20,437	674	41,810	9
5	1,760	2	1,000			1,002	244	58	700		1,608	1,163	445	8,420	10
739	430,828					95,375	1,435	5,880	84,560	4,000	865,825	836,582	29,243	1,800,001	11
4	2,100					667	630	5	32		2,435	2,400	35	9,315	12
6,629	3,714,304			15	3,062	634,152		28,978	605,174		19,988,613	18,028,364	1,960,249	28,203,856	13
3	1,550			1	250	1,145	775	76	294		7,019	6,962	57	16,700	14
175	85,066					9,156	700	2,694	5,762		338,077	336,150	1,927	515,437	15
		69	15,102			5,754	4,925	99	730		75,447	75,060	387	122,579	16
9	3,450			1	250	831	360	351	120		9,511	9,246	265	19,599	17
31	16,817					1,314	1,068	20	226		7,983	7,966	17	36,053	18
14	8,987					208		58	150		18,432	18,382	50	30,801	19
4	3,104	3	738			1,815	1,574	32	209		4,945	4,580	365	18,684	20
70	36,702					3,100	1,800	285	1,015		78,242	77,859	383	154,436	21
10	6,180	6	2,000			3,996	1,722	215	2,059		6,761	5,995	766	44,160	22
84	56,016	6	2,534			6,024	1,355	833	3,636	200	42,945	41,007	1,338	148,800	23
58	29,462					4,794	1,771	555	2,468		231,243	230,430	813	319,118	24
14	8,370					1,613	658	186	769		9,277	9,190	87	29,850	25
30	10,576	23	5,802			6,262	474	502	5,286		79,605	78,954	651	130,000	26
20	10,853	4	1,666			8,018	1,365	35	6,618		12,211	12,021	190	39,138	27
10	5,235					1,769	1,430	40	299		2,950	2,847	103	16,782	28
724	338,189	61	17,900	1	145	155,931	5,882	9,538	138,172	2,339	1,532,078	1,481,764	50,314	2,578,983	29

forgings, 1; iron and steel, pipe, wrought, 1; ironwork, architectural and ornamental, 1; lime and cement, 2; liquors, malt, 2; lock and gun smithing, 1; masonry, brick and stone, 2; mattresses and spring beds, 1; models and patterns, 1; monuments and tombstones, 2; musical instruments and materials, not specified, 1; photolithographing and photoengraving, 1; pottery, terra cotta, and fire-clay products, 1; printing and publishing, music, 1; tools, not elsewhere specified, 2.

ZANESVILLE.

3,590	$1,582,538	1,000	$201,505	13	$1,962	$365,338	$31,861	$39,284	$291,772	$2,421	$3,756,489	$3,511,162	$245,327	$7,468,839	1
3	1,275			1	100	981	380	47	554		1,686	1,615	71	5,262	2
18	7,380					1,812	754	163	395		8,400	7,909	491	38,900	3
9	3,818					849	603	58	188		4,708	4,581	127	17,190	4
79	30,213	25	4,571			19,249	3,660	1,150	14,439		168,888	164,964	3,419	289,405	5
60	31,463					1,621	108	111	402	1,000	113,003	112,866	137	167,293	6
1	325	2	245			247	180	4	63		1,149	1,096	53	4,098	7
23	9,909					1,099	485	122	492		8,050	7,388	662	28,520	8
303	157,612					2,776		1,812	964		313,613	309,042	4,571	482,783	9
31	15,367	69	16,863			5,983	3,329	379	1,775	500	45,680	45,368	312	115,204	10
		28	4,597			797	600	30	167		2,527	2,373	154	14,875	11
13	5,636	15	2,856			3,653	2,312	302	1,039		30,306	29,657	649	71,612	12
18	9,913	1	262			4,522	617	1,295	2,610		128,431	127,339	1,092	163,710	13
150	70,281					11,584	1,220	1,892	8,472		64,382	59,387	4,995	172,231	14
25	11,236					1,009	290	56	663		7,169	6,898	271	41,020	15
23	13,096					48,167		1,491	46,676		26,723	23,103	3,620	105,604	16

TABLE 8.—MANUFACTURES IN CITIES

ZANESVILLE—Continued.

	MANUFACTURING AND MECHANICAL INDUSTRIES AND CITIES AND VILLAGES.	Number of establishments.	CAPITAL. Total.	Land.	Buildings.	Machinery, tools, and implements.	Cash and sundries.	Proprietors and firm members.	SALARIED OFFICIALS, CLERKS, ETC. Number.	Salaries.	AVERAGE NUMBER OF WAGE-EARNERS AND TOTAL WAGES. Total. Average number.	Wages.
17	Looking-glass and picture frames	4	$1,590			$465	$1,125	6	3	$1,560	4	$1,200
18	Lumber and timber products	4	30,200	$7,400	$4,700	11,300	6,800	7	2	1,600	50	19,065
19	Lumber, planing mill products, including sash, doors, and blinds.	3	147,500	25,000	22,000	23,100	77,400		11	8,770	53	22,632
20	Masonry, brick and stone	7	52,092	2,380	2,890	16,697	30,125	12	2	475	214	114,096
21	Millinery, custom work	15	18,762	400	475	727	17,160	20	6	1,380	23	5,334
22	Painting, house, sign, etc	14	5,228			960	4,268	17	3	452	37	17,581
23	Paving and paving materials	3	131,024	24	100	45,800	85,100	3	6	9,980	119	54,125
24	Photography	4	6,050			4,400	1,650	5	2	1,120	6	2,280
25	Plastering and stuccowork	3	4,040	600	1,150	400	1,890	4			4	1,815
26	Plumbing, and gas and steam fitting	6	34,960	6,000	10,000	4,069	14,891	8	4	930	43	21,732
27	Pottery, terra cotta, and fire-clay products.	10	1,046,403	45,000	380,508	175,790	445,105	7	132	108,609	1,462	465,216
28	Printing and publishing, book and job	6	9,700			5,850	3,850	7			10	3,106
29	Printing and publishing, newspapers and periodicals.	6	135,635	14,000	19,600	61,507	40,528	6	19	10,998	96	41,569
30	Saddlery and harness	4	8,975			1,075	7,900	5	1	800	8	4,670
31	Shirts	3	17,550	800	4,000	2,500	10,250	2	6	3,720	70	13,613
32	Tinsmithing, coppersmithing, and sheet-iron working.	9	12,105	1,080	2,305	1,925	6,795	12			17	8,995
33	Tobacco, cigars and cigarettes	12	6,961	605	760	1,480	4,116	14	5	2,340	41	11,853
34	Watch, clock, and jewelry repairing	6	3,003			1,315	1,688	4			8	3,418
35	All other industries[1]	48	2,353,605	186,470	367,088	411,537	1,388,510	44	136	112,158	1,441	576,782

[1] Embraces agricultural implements, 1; bookbinding and blank book making, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brick and tile, 2; carriage and wagon materials, 1; coffee and spice, roasting and grinding, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 2; dyeing and cleaning, 2; electrical construction and repairs, 1; electroplating, 1; engraving, wood, 1; flavoring extracts, 2; fruits and vegetables, canning and preserving, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glass, 2; glass, cutting, staining, and ornamenting, 1; hammocks, 1; hand knit goods, 1; ice,

TABLE 9.—MANUFACTURES IN CITIES AND

1	Total for cities and villages	7,683	$143,880,261	$10,826,391	$26,351,910	$40,452,231	$66,749,729	8,511	6,436	$6,030,459	86,359	$38,256,000
2	Alliance	145	5,804,953	344,740	1,289,654	1,402,961	2,767,598	158	136	120,703	1,749	784,989
3	Ashtabula	90	764,127	65,305	85,286	205,839	317,697	80	48	35,763	440	188,562
4	Athens	39	306,632	14,310	90,038	62,117	140,167	45	30	17,554	215	95,865
5	Barberton	27	3,366,386	443,028	561,399	765,508	1,596,451	26	65	96,423	1,115	461,082
6	Barnesville	56	503,124	31,974	126,066	97,230	247,854	68	31	22,276	418	183,033
7	Bellaire	94	3,612,811	155,545	677,319	2,134,276	645,671	97	88	114,520	2,141	923,305
8	Bellefontaine	104	620,585	69,800	106,360	192,538	251,887	119	50	35,578	713	311,942
9	Bellevue	38	661,742	29,222	81,988	69,496	481,036	37	34	37,286	301	125,986
10	Bridgeport	23	1,717,473	85,500	285,500	1,046,939	299,534	23	74	84,757	1,614	911,421
11	Bryan	59	315,671	18,148	75,225	77,899	144,399	75	10	8,392	180	73,054
12	Bucyrus	91	1,011,031	78,458	216,569	276,841	439,163	103	62	54,192	751	338,535
13	Cambridge	65	1,201,662	62,625	132,340	416,555	590,142	74	63	58,077	849	523,339
14	Canal Dover	75	1,931,838	99,673	440,395	583,861	807,909	79	62	84,215	1,507	721,242
15	Carthage	24	404,420	16,750	65,650	78,400	243,620	27	21	20,846	369	143,361
16	Celina	34	149,000	9,340	35,800	51,310	52,550	43	14	9,302	153	53,314
17	Chillicothe	115	914,447	98,690	198,510	244,956	372,291	128	75	37,368	1,223	454,644
18	Circleville	83	1,168,592	98,525	231,875	369,493	468,699	118	50	28,941	636	221,470
19	Conneaut	68	595,115	74,670	111,008	146,725	262,712	87	31	35,375	651	285,634
20	Coshocton	48	806,023	30,975	95,591	320,235	359,222	44	127	108,360	1,088	339,120
21	Cuyahoga Falls	27	906,439	68,300	111,200	447,845	279,094	32	38	42,340	522	253,292
22	Defiance	100	1,141,426	66,450	160,338	216,065	698,573	115	51	50,116	936	356,951
23	Delaware	69	566,596	38,700	74,475	216,995	236,426	82	48	36,643	655	248,446
24	Delphos	59	369,524	40,125	55,883	110,601	162,915	72	10	6,801	286	119,202
25	Dennison	33	378,143	9,926	97,710	154,287	116,220	34	57	43,641	392	524,693
26	East Liverpool	162	5,056,198	600,133	1,279,063	865,271	2,311,731	178	294	292,185	4,473	2,150,938
27	Elmwood Place	23	770,096	32,800	104,660	138,348	494,288	26	24	33,500	301	153,168
28	Elyria	76	1,778,819	81,290	262,573	468,255	966,701	69	94	89,379	968	391,841
29	Findlay	252	2,152,202	109,687	485,604	580,657	976,254	309	131	99,824	1,478	633,505
30	Fostoria	92	1,532,627	74,212	352,171	532,691	573,553	97	72	56,918	795	278,529
31	Franklin	39	448,290	93,160	98,650	129,855	126,625	39	20	19,530	296	119,118
32	Fremont	156	2,616,545	140,992	436,894	600,390	1,438,269	185	165	188,641	1,504	599,286
33	Galion	65	916,488	73,200	224,161	203,624	415,503	69	55	35,401	891	367,410
34	Gallipolis	89	491,907	47,050	74,150	124,560	246,147	91	35	24,602	458	159,479
35	Greenville	97	349,412	18,400	28,020	105,932	197,060	119	16	8,438	330	109,192
36	Hillsboro	48	331,539	20,450	44,912	74,445	191,732	49	28	29,029	293	114,135
37	Ironton	112	3,321,219	334,383	570,881	1,072,844	1,343,111	105	98	108,457	1,753	767,394
38	Jackson	43	454,008	34,839	99,050	41,545	278,574	44	14	11,365	147	60,363
39	Kent	59	723,218	29,733	227,708	216,454	249,323	60	24	18,836	945	405,237
40	Kenton	95	886,687	85,025	178,083	194,356	429,223	100	59	47,068	653	266,299
41	Lancaster	100	1,537,272	130,541	307,567	322,741	776,423	103	81	68,017	1,287	614,609
42	Lebanon	72	223,705	8,175	24,425	102,085	89,020	77	6	2,229	179	84,902
43	Leetonia	32	2,121,818	40,680	614,882	443,010	1,023,246	36	34	41,846	496	280,162
44	Lockland	56	2,313,049	349,550	644,750	442,778	875,976	51	68	39,977	596	230,750
45	Lorain	59	12,343,937	863,739	2,699,569	3,625,720	5,154,909	57	116	111,880	2,221	1,115,589
46	Mansfield	251	5,760,746	220,725	567,027	981,780	3,991,214	293	354	317,359	3,160	1,217,457

BY SPECIFIED INDUSTRIES: 1900—Continued.

ZANESVILLE—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.											
Average number.	Wages.	Average number.	Wages.	Average number.	Wages.	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.		
2	$800	2	$400			$638	$556	$29	$53		$2,950	$2,917	$33	$9,101	17
50	19,065					1,076	36	450	590		51,128	51,128		102,000	18
53	22,632					7,091	300	2,042	4,749		92,957	91,900	1,057	142,510	19
214	114,096					2,244	48	132	1,864	$200	131,486	130,816	670	351,150	20
		22	5,227	1	$107	4,386	3,319	204	863		37,845	37,520	325	54,040	21
37	17,581					1,034	850	18	155	11	10,472	10,367	105	43,134	22
118	54,000			1	125	5,153	336	498	4,159	160	71,630	69,310	2,320	143,659	23
3	1,635	3	645			1,804	1,041	37	726		7,062	6,872	190	20,510	24
4	1,815					58		26	32		3,351	3,327	24	7,811	25
48	21,732					2,696	1,015	478	1,203		17,756	17,583	173	57,559	26
950	361,591	511	103,385	1	240	82,504	216	9,321	72,967		438,720	380,679	58,041	1,245,262	27
7	2,631	1	175	2	300	1,040	805	99	136		2,821	2,592	229	19,940	28
82	35,194	14	6,375			7,835	846	742	6,247		19,687	18,450	1,237	124,031	29
8	4,670					1,802	1,390	99	313		9,563	9,426	137	22,314	30
4	1,418	66	12,200			1,606	240	42	1,324		42,800	42,642	158	70,172	31
17	8,995					1,976	1,012	113	551	300	16,406	16,088	318	35,232	32
28	9,171	13	2,682			11,380	1,744	109	9,527		16,122	15,903	219	52,641	33
6	3,080	1	208	1	130	1,027	600	48	379		1,461	1,338	123	9,284	34
1,208	535,008	227	40,814	6	960	126,139	2,969	15,885	107,035	250	1,858,062	1,698,718	159,344	3,240,282	35

manufactured, 1; iron and steel, 2; leather, tanned, curried, and finished, 2; lime and cement, 1; liquors, distilled, 1; lock and gun smithing, 1; mineral and soda waters, 2; monuments and tombstones, 2; patent medicines and compounds, 1; roofing and roofing materials, 2; slaughtering and meat packing, wholesale, 1; soap and candles, 2; tobacco, chewing, smoking, and snuff, 1; umbrellas and canes, 1; woolen goods, 1.

VILLAGES UNDER 20,000 IN POPULATION: 1900.

73,579	$35,328,344	11,929	$2,702,656	1,351	$225,099	$12,660,971	$712,936	$707,374	$10,483,046	$757,615	$110,337,884	$103,111,512	$7,226,372	$199,775,174	1
1,614	748,604	123	34,387	12	1,998	160,343	12,674	8,825	138,380	464	1,906,204	1,846,748	59,456	3,730,144	2
390	175,894	49	12,472	1	196	67,950	8,219	4,377	23,323	32,031	575,249	563,438	11,811	997,848	3
192	90,021	18	5,172	5	672	27,671	3,203	3,389	14,701	6,378	158,314	146,957	12,357	366,052	4
931	422,556	174	37,326	10	1,200	323,720	924	14,383	308,413		1,804,453	1,733,641	70,812	3,256,844	5
398	166,724	103	15,312	7	997	37,903	2,754	3,794	30,914	441	358,674	344,536	14,138	657,060	6
1,838	854,682	243	58,626	60	9,997	250,403	7,904	15,875	226,606	18	6,129,193	5,418,518	710,675	9,150,462	7
648	301,079	52	9,379	13	1,484	44,706	9,394	6,919	22,793	5,600	662,703	641,592	21,111	1,189,201	8
278	120,872	10	2,602	13	2,512	25,057	2,967	1,947	20,143		539,671	533,003	6,668	884,880	9
1,494	885,576	62	15,315	58	10,530	61,653	1,959	14,608	44,986	100	2,874,661	2,798,456	76,205	4,793,847	10
156	69,103	22	3,670	2	275	24,232	3,898	1,813	18,501	20	208,349	203,492	4,857	396,757	11
679	328,229	56	8,974	16	1,332	73,535	7,542	3,166	55,827	2,000	557,220	541,930	15,290	1,300,327	12
809	513,585	40	9,754			82,401	5,062	5,458	71,356	525	1,488,670	1,393,829	44,841	2,459,368	13
1,462	711,478	31	7,065	14	2,699	128,719	3,290	6,288	98,941	20,200	2,026,574	1,822,186	204,388	3,380,494	14
363	141,041	6	2,320			802,443	1,453	1,750	799,240		415,216	399,510	15,706	1,557,273	15
129	54,797	20	3,013	4	504	11,881	2,764	1,170	7,022	925	235,619	232,536	3,083	410,097	16
945	414,857	264	39,096	14	1,191	96,614	11,666	8,682	76,266		914,665	896,898	17,767	1,709,895	17
542	202,627	108	15,613	36	3,230	59,518	7,084	7,659	44,175	600	1,273,874	1,234,472	39,402	1,933,996	18
542	263,718	109	21,916			36,192	6,254	2,918	27,020		540,056	530,737	9,319	1,008,423	19
674	251,310	409	87,266	5	544	66,647	3,009	5,642	56,996	1,000	778,215	766,465	11,750	1,488,912	20
507	250,454	14	2,773	1	65	58,794	940	3,613	54,241		921,147	891,947	29,200	1,462,767	21
816	334,316	116	22,175	4	460	87,931	11,837	10,994	64,950	150	814,712	798,961	15,751	1,609,834	22
505	216,161	148	32,105	2	180	57,188	10,349	4,191	42,648		351,467	341,973	9,494	846,645	23
266	115,327	19	3,725	1	150	37,197	2,982	3,709	30,006	500	225,928	209,135	16,793	519,730	24
878	521,628	14	3,065			73,480	1,486	5,099	66,545	350	584,396	567,565	16,831	1,295,334	25
8,823	1,835,091	1,107	306,872	43	8,975	341,135	19,784	17,376	192,443	111,532	1,759,408	1,534,104	225,304	5,459,043	26
298	152,576	1	200	2	392	8,227	1,045	2,151	5,031		441,813	440,146	1,667	743,536	27
805	363,025	144	27,272	19	1,544	137,958	9,282	8,604	109,572	10,500	999,280	981,253	18,027	1,760,500	28
1,269	592,034	195	39,612	14	1,859	165,613	20,854	10,860	104,938	28,961	1,122,537	1,054,654	67,883	2,514,356	29
530	219,794	264	58,510	1	225	54,550	7,631	7,157	39,412	300	2,103,515	2,060,308	43,207	2,645,205	30
192	93,821	104	25,297			15,891	1,934	3,628	10,329		521,908	494,957	26,951	864,036	31
1,036	490,358	462	108,209	6	719	152,328	10,905	9,665	128,970	2,783	1,322,380	1,282,275	40,605	2,621,951	32
358	359,858	30	7,182	3	370	63,906	4,374	6,471	49,331	3,730	679,921	668,775	11,146	1,309,129	33
415	152,408	37	6,474	6	602	54,333	6,667	4,538	43,393	235	368,482	361,607	6,875	731,063	34
222	86,210	106	22,714	2	268	24,991	9,590	3,143	12,204	54	377,601	372,542	5,059	642,503	35
260	109,151	33	4,984			18,140	3,636	2,653	11,851		305,399	293,104	12,295	574,988	36
1,670	749,692	84	17,359	4	343	178,236	12,235	22,610	105,677	37,714	3,299,905	2,849,304	450,101	5,715,112	37
128	56,427	16	3,504	3	432	16,899	3,891	3,158	9,150	700	256,791	180,344	76,447	510,111	38
375	389,101	69	15,886	1	250	18,195	5,281	5,006	7,883	25	1,079,937	1,065,825	14,112	1,599,562	39
592	251,871	61	14,428			94,815	9,576	5,962	78,826	451	540,074	526,347	13,727	1,118,629	40
865	495,557	319	96,282	103	22,770	97,284	8,092	6,162	73,030	10,000	1,197,266	1,178,080	19,186	2,219,695	41
159	80,364	18	4,388	2	150	9,400	4,211	1,268	3,921		334,820	330,810	4,010	571,832	42
488	278,537	6	1,300	2	325	102,977	574	5,220	97,183		1,943,900	1,850,209	593,691	2,725,457	43
559	221,382	24	6,546	13	2,822	228,010	4,391	14,905	73,664	135,050	1,232,579	1,180,931	51,648	2,300,960	44
2,093	1,085,516	83	20,494	40	9,579	615,457	3,291	16,764	576,592	18,870	6,544,799	5,792,078	752,721	9,547,952	45
2,460	1,078,027	692	138,013	8	1,417	307,182	30,171	22,294	254,017	700	3,195,033	3,122,063	72,970	7,084,509	46

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.
47	Marietta	278	$2,189,345	$295,955	$353,394	$459,272	$1,080,724	385	151	$122,607	2,183	$938,315
48	Marion	84	3,340,821	345,526	408,979	348,579	2,237,237	78	132	126,013	1,552	699,065
49	Martins Ferry	50	1,802,871	167,055	287,208	663,281	685,327	56	59	66,888	967	543,416
50	Marysville	47	179,325	20,500	27,775	47,120	83,930	68	9	5,950	236	82,699
51	Massillon	134	4,444,400	328,928	505,284	972,200	2,637,988	149	122	121,335	1,836	914,245
52	Miamisburg	66	1,500,248	45,990	189,233	199,797	1,065,228	64	53	64,199	1,006	409,143
53	Middleport	38	197,039	20,131	39,332	57,085	80,491	39	19	11,204	225	69,325
54	Middletown	92	4,207,731	98,050	594,629	1,196,717	2,318,335	92	264	319,825	1,951	770,656
55	Mingo Junction	12	2,921,086	106,950	528,425	1,973,523	312,188	9	32	72,530	944	566,645
56	Mt. Vernon	93	830,061	62,200	172,375	296,691	298,795	110	62	52,345	853	383,638
57	Napoleon	78	448,500	30,300	88,725	93,025	236,450	94	13	7,395	233	91,822
58	Nelsonville	39	224,179	18,100	64,148	43,220	98,711	43	11	8,190	200	80,115
59	Newark	208	1,793,448	164,625	364,710	411,713	852,400	234	158	124,412	2,364	925,443
60	New Philadelphia	124	859,493	47,005	182,980	342,066	287,442	130	43	35,179	658	482,182
61	Niles	64	2,745,374	112,790	277,225	772,711	1,582,648	66	100	95,241	1,641	1,231,629
62	North Baltimore	39	193,793	17,329	28,171	50,609	97,684	45	8	7,820	112	40,048
63	Norwalk	96	995,025	42,600	158,600	306,976	486,849	91	63	57,056	817	394,585
64	Norwood	52	951,314	36,500	166,895	166,081	581,838	61	39	30,743	467	203,133
65	Painesville	77	513,621	67,025	77,795	137,108	231,693	88	34	27,872	488	165,403
66	Piqua	152	3,609,002	323,493	536,106	791,682	1,957,721	166	207	203,001	2,103	983,836
67	Pomeroy	70	852,132	70,410	166,681	280,999	334,042	69	43	31,142	725	341,959
68	Portsmouth	284	4,113,700	355,576	780,416	1,025,636	1,952,072	315	381	310,355	4,586	1,556,190
69	Ravenna	76	821,127	36,130	157,605	199,966	427,426	90	46	43,845	740	279,153
70	St. Marys	57	556,209	48,700	129,150	162,498	215,861	60	44	39,318	453	192,711
71	Salem	106	2,090,703	95,085	323,362	600,283	1,071,973	117	121	116,022	977	569,352
72	Sandusky	176	4,627,981	437,631	880,276	1,381,604	1,928,470	187	158	141,637	1,648	650,895
73	Shelby	63	2,409,230	70,326	570,939	1,117,879	650,086	69	77	88,827	1,045	478,446
74	Sidney	107	1,173,805	75,270	219,710	307,582	571,243	125	84	62,804	935	337,610
75	Steubenville	171	2,587,180	385,911	609,950	771,287	820,032	189	100	84,526	2,051	874,095
76	Tiffin	153	2,319,720	145,019	488,710	714,376	971,615	168	110	77,780	1,368	569,660
77	Toronto	40	649,653	71,700	220,402	168,208	189,343	40	38	33,262	640	315,400
78	Troy	104	1,664,085	77,000	242,678	219,479	1,124,928	140	81	76,242	899	355,227
79	Uhrichsville	78	273,602	25,098	89,138	53,743	105,623	76	24	14,380	271	104,650
80	Upper Sandusky	35	288,744	25,625	51,404	73,727	137,988	44	10	6,625	165	60,477
81	Urbana	112	1,122,435	81,753	227,997	292,595	520,090	137	70	58,836	811	273,822
82	Van Wert	81	434,678	60,430	53,615	150,771	169,862	74	25	14,907	354	159,514
83	Wapakoneta	60	462,777	33,790	58,955	87,314	282,218	70	24	14,498	411	142,528
84	Warren	110	2,952,697	130,955	357,495	897,974	1,566,273	115	133	161,737	1,948	835,718
85	Washington Court House	67	403,031	20,132	53,999	170,828	158,072	75	28	20,158	276	101,849
86	Wellston	41	855,606	35,350	247,550	145,103	427,603	42	17	15,985	333	169,075
87	Wellsville	61	1,233,863	93,510	257,336	469,994	413,023	67	66	59,400	969	511,964
88	Wilmington	61	247,733	16,350	30,100	92,527	108,806	78	14	12,916	188	78,635
89	Wooster	97	626,188	68,415	127,425	184,297	246,051	105	47	29,501	447	169,490
90	Xenia	106	1,819,614	75,630	224,049	507,297	1,012,638	128	53	72,051	1,105	394,386

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 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.										
1,942	$890,017	197	$42,336	44	$5,962	$214,726	$20,098	$18,186	$100,877	$75,565	$1,899,687	$1,846,988	$52,649	$3,895,498	47
1,466	683,326	64	13,164	22	2,575	306,033	11,378	25,128	268,227	1,300	1,200,756	1,127,509	73,247	2,841,903	48
836	509,691	106	31,216	25	2,509	90,518	1,949	10,346	78,148	75	1,953,872	1,816,604	137,268	2,968,648	49
210	77,640	25	4,859	1	200	20,506	4,122	1,486	13,398	1,500	165,241	160,146	5,095	347,283	50
1,677	881,987	58	11,316	106	20,942	172,155	11,148	10,221	150,286	500	1,563,257	1,494,820	68,437	3,404,012	51
817	360,274	170	36,421	19	3,448	83,122	4,668	6,895	71,559	----------	1,300,718	1,281,481	19,232	2,131,005	52
200	66,125	8	1,490	17	1,710	13,022	2,756	1,971	7,395	900	154,866	145,637	9,229	338,312	53
1,473	639,125	467	130,831	11	700	2,112,601	13,226	25,424	2,073,951	----------	3,056,601	2,944,736	111,865	6,665,226	54
943	566,385	1	200	----------	----------	131,395	592	18,622	112,181	----------	5,526,128	4,977,937	548,191	7,563,578	55
799	372,117	54	11,521	----------	----------	53,773	9,180	6,042	38,551	----------	1,073,247	1,060,719	12,528	1,716,532	56
205	85,530	27	6,117	1	175	25,045	3,859	2,498	18,638	50	295,390	287,807	7,583	541,572	57
182	76,491	13	3,166	5	458	12,107	2,662	1,911	7,534	----------	117,257	100,713	16,544	258,148	58
2,008	841,720	281	65,723	75	18,000	228,797	19,286	13,949	167,025	28,537	1,417,157	1,375,210	41,947	3,423,186	59
556	465,293	92	16,291	5	598	86,576	6,154	7,759	63,931	8,732	905,007	863,521	41,486	1,820,296	60
1,617	1,225,568	24	6,066	----------	----------	123,647	5,043	9,005	109,599	----------	3,441,219	3,145,585	295,634	5,758,129	61
96	44,931	16	4,117	----------	----------	16,052	2,673	1,214	12,165	----------	100,695	96,681	4,014	243,882	62
717	367,597	91	25,409	9	1,579	128,038	9,122	5,903	110,579	2,434	561,996	550,402	11,594	1,336,395	63
422	194,810	35	6,768	10	1,560	52,839	2,739	2,799	47,301	----------	430,221	425,652	4,569	820,802	64
442	155,412	43	9,357	3	634	36,914	6,989	2,169	24,331	2,925	319,300	309,431	9,869	693,949	65
1,787	917,822	315	65,891	1	123	259,807	18,521	18,778	203,977	18,536	3,765,259	3,685,028	80,231	5,886,475	66
665	331,455	43	7,846	17	2,658	40,898	3,882	5,456	31,260	300	961,112	913,660	47,452	1,522,626	67
3,444	1,347,575	1,043	197,652	99	10,963	802,946	22,820	25,852	710,000	44,274	3,824,093	3,668,916	155,177	7,532,976	68
498	221,189	217	52,464	25	5,500	43,790	7,108	4,318	31,904	460	550,204	522,303	27,901	1,210,415	69
410	183,707	43	9,004	----------	----------	37,786	4,119	4,053	22,646	6,968	462,842	437,731	25,111	893,823	70
848	526,140	128	41,139	6	2,073	135,603	10,278	9,872	113,374	2,079	1,230,584	1,199,505	31,079	2,380,424	71
1,397	602,394	207	41,473	44	7,028	379,042	22,833	19,070	336,999	140	1,394,147	1,325,649	68,498	3,190,342	72
860	442,161	182	35,915	3	370	134,264	3,935	11,516	112,813	6,000	1,770,640	1,701,727	68,913	2,625,066	73
774	304,108	159	33,245	2	257	101,178	6,837	8,465	85,776	100	1,088,669	1,064,793	23,876	1,858,626	74
1,613	778,433	246	61,477	192	34,185	227,624	76,387	16,051	130,570	4,616	2,698,875	2,104,699	594,176	5,235,161	75
1,066	500,422	296	67,906	6	1,332	194,471	13,459	13,307	167,024	621	900,003	814,449	85,554	2,107,805	76
560	295,509	68	17,827	12	2,061	66,130	1,700	4,788	54,642	5,000	235,721	178,154	57,567	809,446	77
723	316,812	175	38,340	1	75	197,579	8,051	7,457	181,009	1,062	1,135,619	1,117,887	17,732	2,019,557	78
227	95,077	41	9,165	3	408	25,694	2,505	1,170	13,215	8,804	197,070	186,286	10,784	446,780	79
151	57,954	13	2,419	1	104	21,655	2,142	2,414	17,099	----------	187,106	182,203	4,903	357,505	80
673	245,612	134	27,270	4	940	94,404	9,621	8,775	75,433	575	770,733	744,229	26,504	1,477,962	81
313	142,151	41	8,363	----------	----------	42,318	4,878	3,327	13,574	20,569	313,575	305,814	7,761	627,672	82
387	133,403	18	3,784	6	441	49,629	5,927	4,251	38,992	459	289,717	283,556	6,161	604,781	83
1,646	762,158	286	72,460	16	1,100	198,109	9,838	8,014	119,782	60,475	2,671,115	2,506,619	164,496	4,840,160	84
204	83,591	69	17,958	3	300	24,376	5,860	2,795	15,629	92	352,238	346,335	5,898	659,899	85
320	166,619	10	2,112	3	344	27,327	1,836	8,181	22,160	150	595,415	423,514	171,901	1,056,110	86
906	495,820	62	16,018	1	126	47,624	3,678	5,738	35,050	3,158	660,918	587,396	73,522	1,548,190	87
179	76,882	8	1,678	1	75	21,860	4,026	1,624	15,598	612	241,511	235,966	5,545	440,237	88
360	153,800	86	15,490	1	200	37,114	7,021	8,257	25,096	1,740	463,725	443,154	20,571	985,579	89
897	343,582	207	50,679	1	125	130,647	10,951	11,398	101,898	15,400	2,171,860	2,142,619	28,741	3,122,797	90