TABLE 4.

SUMMARY OF STATISTICS FOR 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY INDUSTRIES: 1890.

TABLE 4.—SUMMARY OF STATISTICS FOR 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY INDUSTRIES: 1890.

MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	44,224	$1,842,187,544	$217,065,509	1,324,143	$669,428,164	$1,506,064,698	$2,859,577,555
Agricultural implements	195	83,788,622	6,218,337	21,586	11,076,458	17,421,517	44,266,996
Awnings, tents, and sails	498	2,849,710	312,823	3,584	2,078,200	3,924,929	7,403,997
Bags, other than paper	56	5,691,060	318,980	3,550	1,392,638	11,921,988	15,409,032
Baskets and rattan and willow ware	294	833,654	81,245	1,642	707,529	601,088	1,798,319
Bookbinding and blank-book making. (See also Printing and publishing, book and job.)	680	9,562,982	1,169,072	13,158	6,647,612	5,779,687	16,414,882
Boots and shoes, factory product	1,269	52,928,032	5,856,140	79,459	38,916,859	65,347,497	126,407,396
Boxes, fancy and paper	440	8,038,249	855,891	17,062	5,953,351	6,795,493	16,261,065
Brass castings and brass finishing	408	16,113,574	1,090,846	10,449	6,249,642	9,757,469	20,698,193
Brooms and brushes	684	5,686,347	435,936	7,707	3,172,142	4,999,744	10,356,272
Chemicals	356	38,791,239	3,561,927	12,059	6,971,761	27,443,506	47,056,215
Clothing, men's, factory product	4,629	124,146,554	19,900,302	144,976	60,072,518	124,498,275	242,788,506
Clothing, women's, factory product	1,199	20,959,675	3,573,300	40,948	18,488,811	33,683,605	67,043,517
Cooperage	1,125	12,768,036	961,413	15,706	8,319,965	14,236,748	26,747,399
Cotton goods. (See also Hosiery and knit goods.)	375	185,839,239	9,288,043	113,751	37,909,701	82,302,366	144,769,899
Cutlery and edge tools. (See also Hardware.)	300	4,240,257	268,749	3,732	1,972,909	1,279,036	4,488,405
Dyeing and finishing textiles	191	19,830,754	1,506,601	11,133	5,507,012	6,819,539	16,160,032
Flouring and grist mill products	608	56,317,552	4,371,269	11,232	7,237,249	141,607,163	163,414,453
Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	3,847	283,031,478	19,002,269	181,812	111,775,881	129,946,987	314,159,606
Furnishing goods, men's. (See also Shirts.)	548	11,330,591	2,241,021	20,817	7,114,785	14,325,318	28,064,304
Furniture, chairs	139	6,156,778	483,937	6,240	2,834,296	3,482,317	8,325,027
Furniture, factory product	1,058	40,947,274	3,999,803	47,289	27,247,285	30,832,336	74,966,537
Hardware. (See also Cutlery and edge tools.)	236	13,363,165	1,753,762	11,628	5,894,744	5,893,503	16,295,208
Hats and caps, not including wool hats	603	8,720,902	1,071,723	15,386	8,130,012	9,328,554	22,483,857
Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	448	22,297,147	1,764,757	32,289	9,634,722	18,786,603	35,499,930
Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	639	17,131,793	1,164,779	15,251	10,077,170	14,430,839	30,361,584
Jewelry	666	18,132,049	1,088,804	12,166	8,224,695	14,453,777	29,596,171
Leather, tanned and curried	386	34,231,381	1,637,195	13,586	7,830,835	43,178,127	58,268,152
Liquors, malt	728	205,015,679	42,557,762	29,442	24,791,630	56,479,147	161,029,213
Lithographing and engraving. (See also Printing and publishing, book and job.)	217	15,185,627	1,147,324	10,401	7,064,886	6,153,944	17,758,157
Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	1,434	73,571,332	4,483,322	55,738	34,009,594	66,908,473	120,696,347
Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	495	5,587,441	532,896	6,127	3,181,312	7,732,885	13,788,921
Musical instruments and materials, not specified	271	1,113,230	148,832	1,148	739,770	443,274	1,623,833
Musical instruments, organs and materials	101	7,005,135	614,537	3,530	2,280,703	2,499,059	6,769,350
Musical instruments, pianos and materials	201	15,761,816	1,192,253	11,108	8,203,494	8,986,527	22,659,718
Patent medicines and compounds	865	14,997,970	5,866,918	7,385	4,099,707	9,283,811	27,274,702
Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3,491	64,053,816	10,564,613	55,206	34,516,101	28,251,208	90,034,844
Rubber and elastic goods	94	7,699,355	706,680	5,217	2,468,667	6,541,939	10,966,928
Saddlery and harness	2,659	20,610,825	1,681,522	17,315	10,046,997	15,752,387	33,398,106
Shirts. (See also Furnishing goods, men's.)	783	12,212,608	1,983,410	26,746	9,119,219	12,832,630	28,429,841
Silk and silk goods	362	31,201,065	2,836,282	33,644	13,782,271	31,165,531	56,851,399
Slaughtering and meat packing, wholesale	488	87,320,978	12,060,886	35,500	20,917,055	325,815,670	385,750,191
Soap and candles	423	23,419,766	3,113,900	8,415	4,557,648	27,162,114	40,948,130
Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	176	15,531,707	1,357,730	10,869	7,047,352	9,907,866	21,428,612
Tobacco, chewing, smoking, and snuff	175	20,497,340	13,996,847	17,531	5,925,540	21,518,115	47,786,160
Tobacco, cigars and cigarettes	7,464	45,702,855	13,181,991	71,006	33,617,586	38,383,941	97,473,307
Trunks and valises	358	6,353,908	615,145	6,463	3,366,586	4,266,782	10,223,189
Umbrellas and canes	420	5,490,881	950,868	6,520	3,060,164	7,374,126	13,358,869
Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	362	8,308,711	552,073	6,032	3,181,297	5,954,971	11,505,886
Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	560	4,267,417	483,062	5,078	2,870,704	2,300,314	6,757,480
Woolen goods. (See also Hosiery and knit goods.)	220	38,549,988	2,443,232	25,524	9,148,099	26,612,273	43,565,305

TABLE 5.

STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890.

1.—AGRICULTURAL IMPLEMENTS.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	Average number of employes and total wages.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	195	$83,788,622	$6,218,337	21,586	$11,076,458	$17,421,517	$44,266,906
Akron, Ohio	3	6,112,747	316,883	949	530,701	960,005	2,238,000
Albany, N. Y.	3	241,506	6,679	231	183,647	155,746	382,263
Auburn, N. Y.	5	6,033,243	912,433	1,841	751,408	762,580	3,015,572
Baltimore, Md	3	76,600	9,634	55	26,394	17,210	62,875
Canton, Ohio	10	4,721,601	292,918	1,005	555,965	630,903	2,002,896
Chicago, Ill	6	28,408,543	2,152,356	3,945	1,971,309	4,993,877	11,883,976
Columbus, Ohio	3	689,004	33,296	67	53,890	116,879	254,764
Dayton, Ohio	8	1,835,826	292,494	774	344,390	473,470	1,352,150
Evansville, Ind	4	269,216	27,159	157	72,604	91,281	257,445
Louisville, Ky	3	1,223,165	107,266	618	316,582	435,200	1,053,399
Milwaukee, Wis	4	1,551,331	11,758	338	154,543	212,332	596,873
Minneapolis, Minn	6	1,883,327	70,786	249	148,722	169,787	687,360
Norfolk, Va	3	231,585	15,050	159	98,929	133,096	281,750
Peoria, Ill	7	949,366	50,333	322	144,174	212,656	519,611
Philadelphia, Pa	4	702,755	38,704	299	182,327	173,734	512,518
Quincy, Ill	5	254,460	17,581	168	81,499	126,035	282,725
Racine, Wis	11	5,573,482	236,257	1,150	658,854	770,997	1,979,613
Richmond, Va	4	202,500	14,290	159	89,712	81,450	222,670
Rockford, Ill	10	1,456,798	90,402	380	241,910	299,492	776,862
St. Louis, Mo	4	686,484	66,221	570	345,360	387,578	1,027,455
South Bend, Ind	7	1,918,908	126,039	1,282	769,071	1,175,392	2,423,442
Springfield, Ohio	12	10,095,591	655,783	3,267	1,498,159	2,282,528	5,221,008
Syracuse, N. Y	3	539,673	50,929	225	118,551	142,588	324,478
York, Pa	3	534,700	21,325	361	126,422	276,738	468,846
All other cities (a)	64	7,536,211	601,761	2,916	1,611,425	2,339,008	5,839,415

a Embraces Atlanta, Ga., 1; Bay city, Mich., 1; Binghamton, N. Y., 2; Bloomington, Ill., 2; Brockton, Mass., 1; Buffalo, N. Y., 1; Burlington, Iowa, 1; Camden, N. J., 1; Chattanooga, Tenn., 1; Davenport, Iowa, 2; Des Moines, Iowa, 2; Detroit, Mich., 1; Dubuque, Iowa, 2; Elmira, N. Y., 1; Fort Wayne, Ind., 1; Grand Rapids, Mich., 1; Hartford, Conn., 1; Indianapolis, Ind., 2; Jackson, Mich., 1; Joliet, Ill., 1; Kansas city, Mo., 2; Kingston, N. Y., 1; Lacrosse, Wis., 2; Los Angeles, Cal., 1; Macon, Ga., 2; Memphis, Tenn., 1; Nashville, Tenn., 1; Newburg, N. Y., 1; New Haven, Conn., 1; Oakland, Cal., 1; Petersburg, Va., 1; Pittsburg, Pa., 1; Portland, Me., 2; Poughkeepsie, N. Y., 1; Providence, R. I., 1; Reading, Pa., 2; Rochester, N. Y., 1; Sacramento, Cal., 2; St. Joseph, Mo., 1; San Francisco, Cal., 2; Sioux city, Iowa, 1; Springfield, Ill., 1; Springfield, Mass., 1; Terre Haute, Ind., 1; Trenton, N. J., 2; Utica, N. Y., 2; Worcester, Mass., 2; Zanesville, Ohio, 1.

2.—AWNINGS, TENTS, AND SAILS.

Total	408	2,840,710	312,823	3,584	2,078,200	3,924,929	7,403,997
Albany, N. Y.	3	10,250	428	18	6,147	12,940	21,834
Baltimore, Md	22	110,915	8,160	138	84,776	147,409	278,312
Boston, Mass	33	131,820	21,195	184	134,040	209,826	428,134
Brooklyn, N. Y.	27	38,007	6,502	104	59,837	70,418	161,656
Buffalo, N. Y	7	40,837	3,813	65	32,004	50,872	111,473
Chicago, Ill	19	237,563	24,200	281	158,246	415,566	720,622
Cincinnati, Ohio	10	28,090	7,303	71	31,153	49,016	107,550
Cleveland, Ohio	8	31,670	2,899	79	40,621	54,994	115,204
Columbus, Ohio	3	18,150	3,520	33	12,871	23,856	51,500
Dayton, Ohio	3	5,196	958	17	7,204	9,452	20,200
Denver, Colo	3	43,780	4,237	50	32,686	80,758	141,471
Detroit, Mich	4	21,758	4,470	55	27,076	45,482	96,620
Gloucester, Mass	8	73,550	2,877	46	35,472	92,479	161,080
Indianapolis, Ind	3	5,864	1,150	14	4,424	6,957	14,545
Kansas city, Mo	3	19,230	4,380	38	16,550	52,766	82,801
Lynn, Mass	3	6,425	1,250	20	13,370	12,166	30,600
Milwaukee, Wis	8	16,796	2,310	38	16,871	22,052	47,494
Minneapolis, Minn	4	34,325	2,698	35	23,002	39,004	78,190
Newark, N. J	5	9,320	2,483	35	18,120	26,453	51,650
New Haven, Conn	3	12,150	1,562	17	9,602	14,340	27,804
New Orleans, La	4	20,610	2,461	33	20,692	41,640	85,500
Newport, Ky	6	5,265	1,436	24	11,140	7,350	23,400
New York, N. Y	82	425,317	53,653	699	533,178	717,098	1,486,016
Norfolk, Va	4	3,843	650	20	12,306	21,739	45,121
Philadelphia, Pa	53	165,412	14,391	208	139,398	229,705	460,446
Pittsburg, Pa	4	10,258	1,475	16	9,468	16,310	33,450
Portland, Me	10	12,750	1,655	29	17,704	29,011	54,709
Portland, Ore	3	455,623	17,192	66	48,780	369,085	458,053
Providence, R. I	4	25,376	2,604	38	26,570	32,486	67,810
St. Louis, Mo	15	323,450	53,304	326	118,645	353,321	602,330
St. Paul, Minn	3	6,795	882	24	7,502	11,680	26,000
Salt Lake, Utah	3	15,000	2,870	12	5,288	14,885	30,800
San Francisco, Cal	12	57,925	7,315	78	77,176	114,610	239,430
Syracuse, N. Y	3	18,050	1,920	28	11,000	15,456	32,000
Toledo, Ohio	3	48,200	2,102	61	23,599	51,702	100,000
Troy, N. Y	3	3,937	630	12	5,375	8,583	15,040
Washington, D. C	4	25,500	753	44	18,920	21,418	47,100
All other cities (a)	103	330,643	41,121	528	221,322	431,300	847,951

a Embraces Akron, Ohio, 1; Allegheny, Pa., 1; Allentown, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Bay city, Mich., 2; Binghamton, N. Y, 1; Birmingham, Ala., 2; Brockton, Mass., 1; Burlington, Iowa, 1; Camden, N. J., 1; Charleston, S. C., 2; Chester, Pa., 1; Covington, Ky., 2; Dallas, Tex., 1; Davenport, Iowa, 2; Des Moines, Iowa, 1; Duluth, Minn., 1; Elmira, N. Y., 1; Evansville, Ind., 1; Fall River, Mass., 1; Fort Worth, Tex., 1; Galveston, Tex., 1; Grand Rapids, Mich, 1; Hartford, Conn., 2; Haverhill, Mass., 2; Hoboken, N. J., 2; Holyoke, Mass., 1; Houston, Tex., 1; Jersey city, N. J., 2; Kingston, N. Y., 1; Lacrosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lexington, Ky., 1; Lincoln, Neb., 1; Little Rock, Ark., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 2; Louisville, Ky., 1; Lowell, Mass., 2; Memphis, Tenn., 2; Meriden, Conn., 1; Mobile, Ala., 2; Montgomery, Ala., 1; Muskegon, Mich., 1; New Bedford, Mass., 2; Newburg, N. Y., 1; Omaha, Neb., 1; Oshkosh, Wis., 1; Oswego, N. Y., 1; Paterson, N. J., 1; Peoria, Ill., 2; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Richmond, Va., 2; Rochester, N. Y., 2; Saginaw, Mich., 1; St. Joseph, Mo., 1; Salem, Mass., 1; San Antonio, Tex., 1; Seattle, Wash., 1; Sioux city, Iowa, 1; Springfield, Ill., 1; Springfield, Mass., 2; Springfield, Mo., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Topeka, Kan., 1; Trenton, N. J., 1; Utica, N. Y., 1; Waterbury, Conn., 1; Wheeling, W. Va., 2; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Wilmington, N. C., 1; Worcester, Mass., 2; Yonkers, N. Y., 2.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

3.—BAGS, OTHER THAN PAPER.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	56	$5,691,060	$318,980	3,550	$1,392,638	$11,921,988	$15,409,031
Boston, Mass	3	43,812	5,268	41	18,087	110,941	150,394
Chicago, Ill	4	280,493	15,395	130	58,842	671,990	825,000
Cincinnati, Ohio	5	118,250	7,721	131	58,660	327,115	531,000
New Orleans, La	3	201,500	9,755	95	38,904	579,175	669,045
New York, N. Y	15	426,654	37,200	466	195,714	1,704,918	2,076,225
Philadelphia, Pa	5	1,389,450	82,403	684	221,260	2,303,950	3,241,280
San Francisco, Cal	5	221,050	18,298	153	81,072	634,419	763,650
All other cities (a)	16	3,009,851	142,940	1,850	720,099	5,589,480	7,151,532

a Embraces Baltimore, Md., 2; Brooklyn, N. Y., 1; Charleston, S. C., 2; Davenport, Iowa, 1; Milwaukee, Wis., 1; Minneapolis, Minn., 2; Oakland, Cal., 1; Omaha, Neb., 1; Petersburg, Va., 1; Richmond, Va., 1; St. Louis, Mo., 2; Washington, D. C., 1.

4.—BASKETS AND RATTAN AND WILLOW WARE.

Total	294	833,654	81,245	1,642	707,529	601,088	1,738,319
Allegheny, Pa	3	3,725	684	13	6,268	1,370	10,790
Baltimore, Md	17	12,908	1,816	45	17,860	12,331	38,362
Boston, Mass	8	5,968	1,177	31	14,817	2,679	20,834
Brooklyn, N. Y	30	185,932	11,072	174	86,471	77,704	226,504
Buffalo, N. Y	9	36,334	769	32	6,537	4,493	13,775
Camden, N. J	3	2,175	189	6	2,382	2,521	6,854
Chelsea, Mass	5	4,995	1,079	33	14,730	5,378	31,529
Chicago, Ill	7	42,675	4,812	93	50,928	42,620	119,550
Cincinnati, Ohio	16	21,481	6,169	56	24,589	73,213	126,250
Covington, Ky	4	2,400	901	7	4,000	2,251	8,909
Detroit, Mich	7	11,940	2,282	50	20,920	9,930	38,090
Harrisburg, Pa	3	710	444	4	1,800	930	4,209
Indianapolis, Ind	5	12,140	1,467	68	22,765	10,790	37,889
Louisville, Ky	4	6,265	260	6	2,608	680	3,921
Milwaukee, Wis	5	19,000	333	10	3,114	1,555	5,715
New Orleans, La	7	6,837	1,102	17	8,029	3,325	15,148
Newport, Ky	9	4,400	1,135	18	8,767	6,785	19,600
New York, N. Y	31	121,642	20,160	297	169,599	159,175	446,660
Philadelphia, Pa	47	63,288	7,071	101	47,180	39,269	136,047
Rochester, N. Y	5	59,080	1,400	131	26,315	15,979	67,359
St. Louis, Mo	15	57,104	3,293	107	44,793	49,582	117,891
San Francisco, Cal	8	28,242	4,338	47	22,003	10,321	44,669
Syracuse, N. Y	10	36,270	771	104	27,766	20,836	54,687
Washington, D. C	3	2,040	432	7	3,814	948	6,290
All other cities (a)	33	95,103	8,589	185	68,814	46,423	137,054

a Embraces Atlanta, Ga., 1; Charleston, S. C., 1; Cleveland, Ohio, 1; Cohoes, N. Y., 1; Columbus, Ohio, 1; Dayton, Ohio, 1; Denver, Colo., 1; Evansville, Ind., 1; Grand Rapids, Mich., 1; Kansas city, Kan., 1; Kingston, N. Y., 1; Lawrence, Mass., 1; Lexington, Ky., 1; Manchester, N. H., 1; Minneapolis, Minn., 1; Muskegon, Mich., 1; Nashville, Tenn., 1; Newark, N. J., 1; Peoria, Ill., 1; Pittsburg, Pa., 1; Portland, Ore., 1; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Sacramento, Cal., 1; St. Paul, Minn., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Wheeling, W. Va., 2; Wilmington, Del., 1; Worcester, Mass., 1; York, Pa., 1.

5.—BOOKBINDING AND BLANK-BOOK MAKING.

Total	680	9,502,982	1,169,072	13,158	6,647,612	5,779,687	16,414,882
Albany, N. Y	6	44,000	2,186	80	45,601	20,627	83,599
Baltimore, Md	16	90,805	7,361	164	71,890	42,319	160,368
Boston, Mass	53	841,787	139,828	1,382	591,280	315,119	1,213,320
Brooklyn, N. Y	11	1,164,642	67,520	640	353,838	606,492	1,317,700
Buffalo, N. Y	5	53,825	2,109	82	31,924	21,525	73,100
Cambridge, Mass	3	10,900	1,218	34	18,625	4,514	27,000
Chicago, Ill	33	792,580	91,260	938	525,373	535,116	1,463,652
Cincinnati, Ohio	21	105,059	13,486	203	86,327	53,180	207,058
Cleveland, Ohio	8	33,975	3,222	81	38,914	25,956	83,300
Columbus, Ohio	4	7,675	1,508	22	7,077	4,555	15,700
Covington, Ky	3	2,750	700	11	6,150	14,000	24,800
Dayton, Ohio	4	60,950	5,546	81	37,213	92,210	159,000
Denver, Colo	5	68,535	7,892	93	53,025	39,793	140,010
Detroit, Mich	10	176,720	20,985	158	56,745	131,799	256,683
Grand Rapids, Mich	3	23,590	1,884	53	20,516	6,763	39,820
Holyoke, Mass	3	368,118	37,892	234	131,879	236,303	449,966
Indianapolis, Ind	3	75,785	7,147	68	31,796	39,692	89,150
Kansas city, Mo	4	9,350	1,662	21	10,310	4,105	20,150
Los Angeles, Cal	3	15,800	1,152	30	17,050	18,112	38,132
Louisville, Ky	4	84,700	6,931	161	67,250	45,410	155,075
Lynn, Mass	3	10,600	1,458	30	13,684	10,357	29,100
Milwaukee, Wis	12	81,661	10,951	168	76,283	58,344	168,588
Newark, N. J	7	20,178	2,542	64	34,470	8,388	55,466
New Orleans, La	9	21,425	2,926	54	26,609	6,708	41,582
New York, N. Y	192	2,599,836	466,827	4,580	2,566,873	1,973,657	5,833,887
Peoria, Ill	3	4,877	768	18	7,086	2,007	13,000
Philadelphia, Pa	67	1,341,349	116,692	1,616	723,295	774,695	2,025,793
Pittsburg, Pa	6	60,494	8,481	107	52,224	27,581	105,871
Portland, Me	6	41,625	1,898	64	28,802	26,203	67,420
Portland, Ore	3	47,900	7,714	73	32,070	28,700	76,400

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Providence, R. I.	4	$64,150	$6,473	68	$33,682	$26,414	$84,145
Richmond, Va.	3	122,220	12,719	78	46,303	30,710	106,880
Rochester, N. Y	5	36,005	2,888	53	24,138	19,097	50,300
St. Louis, Mo	14	198,618	22,453	381	166,735	108,028	336,227
St. Paul, Minn	5	68,950	5,384	90	44,782	46,135	115,000
San Francisco, Cal	17	147,904	15,562	259	149,086	77,555	202,249
Syracuse, N. Y	4	43,030	4,481	62	28,409	18,160	63,833
Troy, N. Y	3	33,265	1,206	25	11,922	8,407	28,000
Utica, N. Y	3	17,450	865	22	10,212	4,430	18,890
Washington, D. C	9	33,375	2,652	53	23,360	8,875	48,760
All other cities (a)	103	535,555	52,643	757	345,344	257,037	835,998

a Embraces Allegheny, Pa., 2; Allentown, Pa., 2; Altoona, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Bay city, Mich., 1; Binghamton, N. Y., 2; Birmingham, Ala., 1; Bridgeport, Conn., 1; Brockton, Mass., 1; Burlington, Iowa, 1; Camden, N. J., 1; Canton, Ohio, 1; Chelsea, Mass., 1; Davenport, Iowa, 2; Des Moines, Iowa, 2; Elmira, N. Y., 1; Evansville, Ind., 1; Fall River, Mass., 2; Fitchburg, Mass., 1; Fort Wayne, Ind., 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Jackson, Mich., 1; Jersey city, N. J., 1; Johnstown, Pa., 1; Joliet, Ill., 1; Knoxville, Tenn., 1; La Crosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lewiston, Me., 1; Lowell, Mass., 1; Manchester, N. H., 2; Minneapolis, Minn., 2; Mobile, Ala., 2; New Bedford, Mass., 2; Newburg, N. Y., 1; New Haven, Conn., 1; Newport, Ky., 2; Newton, Mass., 1; Omaha, Neb., 1; Oshkosh, Wis., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Petersburg, Va., 1; Poughkeepsie, N. Y., 2; Quincy, Ill., 2; Racine, Wis., 1; Reading, Pa., 2; Rockford, Ill., 1; Sacramento, Cal., 1; Saginaw, Mich., 2; St. Joseph, Mo., 1; Salem, Mass., 2; San Antonio, Tex., 1; Scranton, Pa., 1; Seattle, Wash., 2; South Bend, Ind., 2; Springfield, Ill., 1; Springfield, Ohio, 2; Tacoma, Wash., 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 1; Topeka, Kan., 1; Trenton, N. J., 1; Waterbury, Conn., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 1; Wilmington, Del., 1; Worcester, Mass., 2; Yonkers, N. Y., 1; York, Pa., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

6.—BOOTS AND SHOES, FACTORY PRODUCT.

Total	1,269	52,928,032	5,856,140	79,459	38,913,859	65,347,497	126,407,396
Albany, N. Y	5	397,589	15,317	493	233,944	339,405	620,692
Allentown, Pa	5	429,244	16,089	396	161,723	253,847	488,079
Auburn, N. Y	4	469,515	27,546	471	152,976	321,502	596,624
Baltimore, Md	27	848,465	30,573	1,228	516,648	716,852	1,519,261
Binghamton, N. Y	4	715,049	28,209	696	325,798	917,362	1,330,386
Boston, Mass	18	630,858	64,983	928	441,920	870,190	1,508,697
Brockton, Mass	73	5,430,088	894,660	8,120	4,916,936	8,854,140	16,171,624
Brooklyn, N. Y	41	820,459	61,474	1,878	947,912	1,240,406	2,489,885
Buffalo, N. Y	18	446,691	33,512	711	260,560	444,185	876,116
Camden, N. J	25	215,806	9,125	585	284,146	503,927	981,652
Chicago, Ill	44	3,133,289	294,132	3,439	1,749,095	3,977,429	7,257,034
Cincinnati, Ohio	35	2,109,539	156,869	4,137	1,876,620	3,151,004	6,024,454
Cleveland, Ohio	4	262,720	9,834	272	127,216	187,711	380,896
Columbus, Ohio	3	172,744	27,625	220	90,467	217,500	359,000
Detroit, Mich	7	741,207	73,946	1,027	476,424	915,292	1,611,700
Elmira, N. Y	3	522,726	20,347	301	127,411	305,182	498,790
Haverhill, Mass	220	4,784,750	1,299,095	10,814	4,786,416	7,989,233	16,197,352
Louisville, Ky	7	191,216	7,221	268	111,529	140,836	341,637
Lynn, Mass	238	6,148,406	970,528	12,105	6,462,131	10,131,612	20,190,605
Milwaukee, Wis	17	1,792,315	59,776	1,140	483,472	820,170	1,617,534
Newark, N. J	18	1,035,623	57,565	1,827	925,997	912,595	2,266,789
New Bedford, Mass	4	154,675	11,709	348	197,656	427,483	758,652
New Orleans, La	17	293,244	11,653	825	365,280	412,497	968,017
New York, N. Y	76	2,033,273	143,285	3,301	1,994,163	2,473,015	5,306,411
Philadelphia, Pa	93	3,310,549	210,463	5,140	2,391,509	3,159,934	6,851,834
Portland, Me	8	372,373	24,312	741	345,838	594,157	1,049,280
Richmond, Va	3	377,461	80,976	98	66,234	783,202	1,071,680
Rochester, N. Y	51	3,005,087	267,257	4,613	1,913,625	3,469,823	6,489,382
Rockford, Ill	3	140,888	11,763	157	66,095	121,720	225,580
St. Louis, Mo	24	3,330,527	259,522	2,592	1,155,635	2,114,017	4,250,960
Salem, Mass	23	304,976	26,380	1,011	364,993	681,871	1,178,724
San Francisco, Cal	55	1,074,175	137,546	2,423	1,228,063	1,487,372	3,315,043
Syracuse, N. Y	5	277,017	13,427	520	222,769	328,725	710,994
Trenton, N. J	3	8,045	433	17	10,764	46,923	102,070
Utica, N. Y	3	725,432	36,403	507	241,256	445,749	851,300
Worcester, Mass	15	1,502,823	182,562	1,571	804,031	1,709,979	2,923,545
All other cities (a)	64	4,179,128	280,018	4,530	2,091,607	3,877,650	7,084,427

a Embraces Allegheny, Pa., 2; Bridgeport, Conn., 1; Canton, Ohio, 1; Davenport, Iowa, 2; Dubuque, Iowa, 2; Evansville, Ind., 1; Fall River, Mass., 2; Fitchburg, Mass., 2; Galveston, Tex., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 2; Hartford, Conn., 1; Indianapolis, Ind., 1; Jackson, Mich., 1; Jersey city, N. J., 1; Joliet, Ill., 1; Knoxville, Tenn., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lewiston, Me., 1; Lowell, Mass., 2; Manchester, N. H., 1; Meriden, Conn., 1; Minneapolis, Minn., 2; Newburg, N. Y., 1; New Haven, Conn., 2; Newport, Ky., 1; Norfolk, Va., 1; Oakland, Cal., 1; Omaha, Neb., 1; Pittsburg, Pa., 1; Portland, Ore., 1; Providence, R. I., 2; Quincy, Ill., 1; Racine, Wis., 2; Reading, Pa., 2; St. Joseph, Mo., 2; St. Paul, Minn., 2; Salt Lake, Utah, 1; Springfield, Mass., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 1; Troy, N. Y., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 1; Yonkers, N. Y., 1.

7.—BOXES, FANCY AND PAPER.

Total	440	8,038,249	855,891	17,062	5,953,351	6,705,493	16,261,065
Albany, N. Y	3	27,400	2,621	60	14,211	14,841	32,597
Baltimore, Md	12	149,708	15,399	459	105,590	116,646	280,100
Boston, Mass	21	189,429	39,530	690	230,948	237,765	605,984
Brockton, Mass	4	128,749	7,315	211	92,562	111,948	236,060
Brooklyn, N. Y	20	1,057,656	151,154	1,238	487,694	728,378	1,618,822
Buffalo, N. Y	8	52,125	3,984	190	37,100	45,890	104,060
Chicago, Ill	19	506,219	42,190	1,048	349,894	420,940	946,668
Cincinnati, Ohio	8	48,205	7,773	265	77,394	76,177	203,950
Cleveland, Ohio	7	123,260	5,855	160	51,348	47,307	116,737
Cohoes, N. Y	4	61,798	8,501	161	53,796	75,736	149,903

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

7.—BOXES, FANCY AND PAPER—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Detroit, Mich	4	$41,861	$6,162	165	$39,941	$75,956	$137,746
Haverhill, Mass	5	161,234	11,934	270	128,282	182,057	374,598
Indianapolis, Ind	3	5,060	1,140	36	8,122	6,125	23,884
Jersey city, N. J	4	236,621	24,252	250	114,225	127,436	309,250
Lynn, Mass	5	124,294	17,963	230	81,824	123,891	260,177
Milwaukee, Wis	4	76,055	4,152	138	46,591	29,011	111,100
Newark, N. J	9	248,380	10,279	378	108,646	109,894	265,217
New Haven, Conn	4	196,910	16,517	298	104,219	126,062	313,000
New Orleans, La	3	8,975	2,415	85	22,059	15,661	52,100
New York, N. Y	123	1,408,944	215,505	4,220	1,905,201	1,640,815	4,509,357
Paterson, N. J	4	23,540	3,473	79	25,233	35,620	78,098
Philadelphia, Pa	39	1,332,457	92,331	2,154	603,826	739,343	1,762,350
Pittsburg, Pa	3	42,834	5,480	95	24,749	35,933	76,000
Providence, R. I	3	64,100	22,337	193	36,932	41,016	119,000
Reading, Pa	3	9,250	691	43	13,007	11,742	30,500
Rochester, N. Y	6	75,925	4,776	202	47,451	48,588	110,000
St. Louis, Mo	8	143,195	13,888	391	105,819	368,163	624,520
San Francisco, Cal	6	82,300	10,374	137	58,312	66,350	156,950
Springfield, Mass	8	117,699	15,463	160	67,255	161,842	270,865
Troy, N. Y	4	182,828	11,070	213	97,011	97,344	237,072
Yonkers, N. Y	3	10,003	1,162	54	21,859	25,199	52,430
All other cities (*a*)	83	1,101,295	80,265	2,789	792,250	850,908	2,032,080

a Embraces Allegheny, Pa., 1; Allentown, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 2; Cambridge, Mass., 1; Canton, Ohio, 1; Chelsea, Mass., 1; Columbus, Ohio, 2; Davenport, Iowa, 1; Dayton, Ohio, 2; Denver, Colo., 2; Des Moines, Iowa, 1; Dubuque, Iowa, 1; Elmira, N. Y., 1; Fall River, Mass., 1; Fort Wayne, Ind., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Hoboken, N. J., 1; Holyoke, Mass., 1; Jackson, Mich., 1; Kansas city, Mo., 2; Knoxville, Tenn., 1; Lancaster, Pa., 1; Lawrence, Mass., 1; Lewiston, Me., 1; Lincoln, R. I., 1; Los Angeles, Cal., 1; Louisville, Ky., 1; Lowell, Mass., 2; Memphis, Tenn., 1; Meriden, Conn., 2; Minneapolis, Minn., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; Newburg, N. Y., 1; Newport, Ky., 1; Newton, Mass., 1; Norfolk, Va., 1; Omaha, Neb., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Petersburg, Va., 1; Portland, Me., 1; Portland, Ore., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Richmond, Va., 2; Rockford, Ill., 1; St. Joseph, Mo., 1; St. Paul, Minn., 2; Scranton, Pa., 1; Sioux city, Iowa, 1; Syracuse, N. Y., 2; Terre Haute, Ind., 1; Toledo, Ohio, 1; Trenton, N. J., 1; Utica, N. Y., 1; Washington, D. C., 2; Waterbury, Conn., 2; Wheeling, W. Va., 2; Williamsport, Pa., 1; Woonsocket, R. I., 1; Worcester, Mass., 1; Zanesville, Ohio, 1.

8.—BRASS CASTINGS AND BRASS FINISHING.

Total	408	16,113,574	1,090,846	10,449	6,249,042	9,757,469	20,608,193
Baltimore, Md	7	1,472,301	30,652	1,187	663,056	785,945	1,993,850
Boston, Mass	27	850,242	77,328	603	398,666	346,295	977,893
Brooklyn, N. Y	28	227,253	13,928	259	165,737	213,280	533,045
Buffalo, N. Y	10	319,872	9,180	149	95,649	66,082	192,704
Chicago, Ill	25	533,381	47,156	595	384,475	707,425	1,409,023
Cincinnati, Ohio	20	783,861	53,912	814	436,699	426,379	1,090,681
Cleveland, Ohio	13	143,599	6,565	228	136,457	170,270	388,375
Columbus, Ohio	3	1,765	350	5	2,850	2,176	6,100
Dayton, Ohio	3	205,176	25,841	158	81,710	69,765	221,100
Detroit, Mich	12	779,015	73,350	603	336,148	347,505	867,733
Jersey city, N. J	3	59,132	2,238	45	29,892	77,234	122,393
Kansas city, Mo	3	18,650	2,662	31	22,125	21,254	50,000
Louisville, Ky	3	24,920	1,265	18	10,296	9,476	26,650
Lynn, Mass	3	2,500	2,794	30	16,773	84,148	131,738
Milwaukee, Wis	5	311,942	15,221	195	97,918	227,195	370,451
Newark, N. J	16	264,325	7,482	193	113,288	272,693	440,343
New Haven, Conn	4	628,150	85,446	387	224,999	162,811	548,094
New Orleans, La	3	14,500	435	19	9,466	10,425	28,364
New York, N. Y	46	1,153,872	55,410	698	473,310	311,940	1,196,527
Paterson, N. J	4	11,150	403	11	6,860	6,281	13,973
Philadelphia, Pa	40	1,575,267	64,290	685	443,616	1,435,024	2,512,336
Pittsburg, Pa	8	622,577	51,401	273	194,790	465,936	805,619
Providence, R. I	6	59,750	2,324	31	21,741	58,310	84,919
Rochester, N. Y	5	134,019	12,345	142	73,466	89,446	202,736
St. Louis, Mo	11	304,604	22,328	274	181,762	332,988	643,486
St. Paul, Minn	3	78,350	3,216	47	32,330	116,170	185,600
Salem, Mass	3	24,200	1,471	24	17,020	28,640	56,300
San Francisco, Cal	9	158,406	20,191	114	89,732	157,298	298,674
Springfield, Mass	3	189,650	14,783	140	85,340	112,400	250,000
Syracuse, N. Y	4	30,347	734	21	12,592	99,127	114,895
Waterbury, Conn	5	4,204,100	333,377	1,764	1,015,470	1,887,328	3,726,625
Worcester, Mass	3	13,100	1,090	16	10,040	19,563	35,009
All other cities (*a*)	70	823,538	51,738	690	365,969	636,660	1,203,366

a Embraces Albany, N. Y., 2; Allegheny, Pa., 1; Allentown, Pa., 1; Birmingham, Ala., 2; Bridgeport, Conn., 1; Camden, N. J., 2; Canton, Ohio, 1; Chattanooga, Tenn., 1; Chelsea, Mass, 1; Chester, Pa., 1; Covington, Ky., 1; Denver, Colo., 1; Duluth, Minn., 1; Erie, Pa., 1; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Holyoke, Mass., 1; Houston, Tex., 1; Indianapolis, Ind., 1; Joliet, Ill., 1; Lancaster, Pa., 1; Lawrence, Mass., 1; Lincoln, R. I., 1; Long Island city, N. Y., 2; Los Angeles, Cal., 1; Lowell, Mass., 1; McKeesport, Pa., 1; Manchester, N. H., 1; Minneapolis, Minn., 2; New Albany, Ind., 1; New Bedford, Mass., 1; Newburg, N. Y., 1; Newport, Ky., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Portland, Me., 1; Portland, Ore., 1; Pueblo, Colo., 1; Quincy, Ill., 1; Reading, Pa., 2; Richmond, Va., 1; Rockford, Ill., 1; Scranton, Pa., 1; Seattle, Wash., 1; Springfield, Ohio, 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio., 2; Topeka, Kan., 1; Trenton, N. J., 1; Washington, D. C., 2; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Woonsocket, R. I., 1; Yonkers, N. Y., 1; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

9.—BROOMS AND BRUSHES.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	Average number of employés and total wages.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	684	$5,686,347	$435,936	7,707	$3,172,142	$4,999,744	$10,356,272
Albany, N. Y	3	30,684	1,172	172	23,692	43,370	80,850
Allegheny, Pa	6	20,580	902	44	15,688	36,689	61,824
Allentown, Pa	4	9,740	385	26	8,530	12,718	27,677
Baltimore, Md	25	240,817	17,630	363	129,294	312,561	572,896
Boston, Mass	16	722,698	41,743	612	242,821	624,939	1,086,741
Brooklyn, N. Y	43	322,059	13,647	477	217,912	261,662	570,938
Buffalo, N. Y	11	109,005	6,906	81	33,255	51,839	107,246
Cambridge, Mass	4	85,725	6,243	51	19,724	43,963	103,835
Camden, N. J	5	3,420	402	19	7,896	6,383	16,596
Chicago, Ill	39	436,906	25,055	504	244,715	360,956	713,428
Cincinnati, Ohio	23	261,442	22,404	823	179,014	223,011	518,390
Cleveland, Ohio	14	35,755	3,034	92	45,582	55,945	133,050
Columbus, Ohio	6	68,450	26,572	89	40,853	118,072	201,930
Covington, Ky	4	2,295	915	13	7,000	7,860	18,400
Davenport, Iowa	4	8,664	4,179	59	15,593	20,923	58,002
Dayton, Ohio	3	2,789	494	19	7,570	11,469	22,900
Des Moines, Iowa	3	18,775	1,815	50	18,894	36,275	68,770
Detroit, Mich	10	31,710	2,032	81	31,006	37,973	77,812
Evansville, Ind	5	30,455	2,822	76	24,492	62,386	103,000
Fall River, Mass	3	1,875	122	7	3,280	3,744	10,025
Fort Wayne, Ind	3	2,950	96	4	1,378	4,853	7,225
Grand Rapids, Mich	8	126,215	2,672	192	56,870	93,739	183,689
Harrisburg, Pa	5	3,285	433	14	6,260	4,280	14,000
Indianapolis, Ind	7	6,830	1,330	38	12,895	15,627	33,595
Kansas city, Mo	6	13,280	1,822	36	18,470	12,987	37,742
Lancaster, Pa	4	2,790	130	8	2,400	2,585	6,487
Lawrence, Mass	3	15,850	6,898	19	10,053	27,722	70,225
Louisville, Ky	8	20,160	2,822	54	23,547	38,898	84,217
Milwaukee, Wis	20	51,987	2,704	94	33,460	53,607	98,903
Minneapolis, Minn	6	22,450	1,760	47	24,320	46,291	79,214
Nashville, Tenn	5	9,492	847	28	8,119	13,066	29,695
Newark, N. J	6	23,462	4,274	82	37,768	57,017	122,796
New Orleans, La	8	30,191	2,423	73	36,836	65,520	122,179
Newport, Ky	8	5,785	1,549	31	15,906	11,700	31,950
New York, N. Y	54	1,041,083	66,488	920	549,822	855,962	1,788,151
Oshkosh, Wis	3	1,231	174	6	1,630	2,217	4,745
Pawtucket, R. I	4	33,589	768	50	21,832	33,424	67,675
Philadelphia, Pa	94	828,001	37,939	682	319,865	462,330	1,009,238
Pittsburg, Pa	6	73,291	7,839	80	49,769	89,574	175,174
Providence, R. I	3	6,275	812	17	5,883	5,547	15,110
Reading, Pa	10	38,930	968	68	27,647	25,873	63,200
Richmond, Va	3	38,850	6,490	153	33,039	39,115	91,250
Rochester, N. Y	4	5,065	998	15	7,750	14,915	26,500
St. Louis, Mo	41	166,446	19,163	307	121,279	146,676	343,305
St. Paul, Minn	7	27,570	2,232	39	19,494	32,648	62,381
San Francisco, Cal	11	42,030	6,210	123	49,317	39,602	133,153
Terre Haute, Ind	3	665	166	17	5,168	9,394	18,225
Topeka, Kan	3	1,340	116	8	3,616	3,956	7,986
Washington, D. C	3	10,115	241	11	5,032	8,951	17,050
Wilmington, Del	3	6,440	304	7	2,050	3,107	6,350
York, Pa	7	2,125	380	19	5,133	5,254	11,692
All other cities (a)	97	578,733	76,504	798	331,905	440,629	1,032,720

a Embraces Akron, Ohio, 1; Altoona, Pa., 2; Atlanta, Ga., 2; Bay city, Mich., 1; Bridgeport, Conn., 2; Brockton, Mass., 1; Burlington, Iowa, 1; Canton, Ohio, 2; Chelsea, Mass., 1; Denver, Colo., 2; Dubuque, Iowa, 1; Elmira, N. Y., 2; Fort Worth, Tex., 2; Hartford, Conn., 1; Holyoke, Mass., 1; Houston, Tex., 1; Jackson, Mich., 2; Johnstown, Pa., 1; Kansas city, Kan., 1; Knoxville, Tenn., 2; Lacrosse, Wis., 1; Lewiston, Me., 1; Lincoln, R. I., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 2; Lowell, Mass., 2; Macon, Ga., 2; Manchester, N. H., 1; Memphis, Tenn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; New Albany, Ind., 2; New Bedford, Mass., 1; Newburg, N. Y., 2; New Haven, Conn., 2; Oakland, Cal., 1; Omaha, Neb., 1; Paterson, N. J., 1; Peoria, Ill., 2; Petersburg, Va., 2; Portland, Me., 1; Portland, Ore., 2; Pueblo, Colo., 1; Quincy, Ill., 2; Sacramento, Cal., 2; St. Joseph, Mo., 1; Salt Lake, Utah, 1; San Antonio, Tex., 1; Scranton, Pa., 1; South Bend, Ind., 1; Springfield, Ill., 2; Springfield, Mo., 1; Syracuse, N. Y., 2; Tacoma, Wash., 1; Toledo, Ohio, 2; Trenton, N. J., 2; Troy, N. Y., 1; Waterbury, Conn., 1; Wheeling, W. Va., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 2; Woonsocket, R. I., 1; Worcester, Mass., 2; Yonkers, N. Y., 2; Youngstown, Ohio, 2; Zanesville, Ohio, 1.

10.—CHEMICALS.

Total	356	38,791,239	3,561,927	12,059	6,971,761	27,443,506	47,056,215
Albany, N. Y	3	84,960	6,798	60	30,780	253,518	347,514
Baltimore, Md	19	1,065,216	75,900	515	223,037	761,201	1,388,470
Bay city, Mich	3	6,930	1,507	10	3,160	1,132	7,614
Boston, Mass	17	411,993	155,612	185	122,146	377,183	787,627
Brooklyn, N. Y	30	6,040,835	554,928	1,609	972,173	6,318,308	9,091,609
Buffalo, N. Y	4	625,705	45,170	136	103,478	467,329	700,767
Chicago, Ill	29	1,419,860	89,113	379	254,660	685,756	1,280,357
Cincinnati, Ohio	8	597,524	116,383	167	116,052	436,501	838,102
Cleveland, Ohio	6	1,341,018	35,832	303	201,695	522,955	961,355
Columbus, Ohio	3	25,000	3,689	20	12,596	36,700	74,000
Detroit, Mich	13	2,011,145	394,434	1,281	615,340	1,079,074	2,968,778
Grand Rapids, Mich	3	28,491	10,880	12	7,454	17,765	39,776
Hoboken, N. J	3	46,800	840	15	11,800	65,647	92,000
Jersey city, N. J	11	973,155	47,494	169	142,102	1,083,862	1,804,339
Long Island city, N. Y	3	246,793	11,750	66	54,632	165,315	248,659

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

10.—CHEMICALS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Louisville, Ky	6	$102,530	$14,855	33	$16,249	$34,137	$112,646
Milwaukee, Wis	4	106,700	11,026	37	17,123	54,290	112,157
Newark, N. J	10	1,426,762	114,056	411	271,741	1,854,497	2,236,117
New York, N. Y	42	2,477,220	884,142	961	650,846	2,644,859	4,706,956
Philadelphia, Pa	36	11,082,395	272,696	2,078	1,206,695	6,205,398	9,674,910
Pittsburg, Pa	3	321,350	10,817	62	43,972	81,760	233,875
Portland, Me	3	19,000	1,740	18	11,820	24,100	47,000
Portland, Ore	3	66,250	8,245	24	26,220	59,100	155,000
St. Louis, Mo	17	1,510,368	102,945	565	350,356	1,562,497	2,682,750
San Francisco, Cal	13	729,136	39,658	143	98,990	593,061	879,412
Syracuse, N. Y	3	2,624,450	95,209	1,649	736,463	708,550	1,746,500
Wilmington, Del	3	53,500	1,908	14	7,000	31,500	76,000
Yonkers, N. Y	3	177,000	153,419	129	98,317	163,806	507,109
All other cities (a)	55	2,569,153	309,881	1,008	564,864	1,756,705	3,254,816

a Embraces Allegheny, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Binghamton, N. Y., 2; Cambridge, Mass., 1; Camden, N. J., 1; Canton, Ohio, 1; Charleston, S. C., 1; Chester, Pa., 1; Covington, Ky., 1; Dallas, Tex., 1; Denver, Colo., 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Houston, Tex., 1; Indianapolis, Ind., 2; Kansas city, Mo., 2; Los Angeles, Cal., 1; Malden, Mass., 2; Memphis, Tenn., 1; Minneapolis, Minn., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; New Haven, Conn., 2; New Orleans, La., 2; Newton, Mass., 1; Paterson, N. J., 1; Pawtucket, R. I., 2; Peoria, Ill., 2; Providence, R. I., 2; Quincy, Ill., 1; Richmond, Va., 2; Rochester, N. Y., 1; Saginaw, Mich., 1; St. Paul, Minn., 2; Somerville, Mass., 1; Springfield, Mass., 1; Springfield, Ohio, 2; Terre Haute, Ind., 1; Washington, D. C., 2; Wilkesbarre, Pa., 1; Wilmington, N. C., 1.

11.—CLOTHING, MEN'S, FACTORY PRODUCT.

Total	4,629	124,146,554	19,900,302	144,976	60,072,518	124,498,275	242,788,506
Albany, N. Y	5	292,800	14,177	257	133,935	167,245	352,252
Augusta, Ga	3	13,625	715	25	9,162	15,585	30,481
Baltimore, Md	125	9,782,643	406,166	13,094	4,178,971	8,123,073	15,032,924
Binghamton, N. Y	10	509,419	27,740	717	213,004	415,385	814,509
Boston, Mass	180	10,622,928	2,475,906	6,478	3,290,533	10,923,050	19,640,779
Brooklyn, N. Y	809	1,725,580	318,860	7,846	2,681,282	2,066,790	5,919,856
Buffalo, N. Y	34	1,617,977	48,370	2,037	686,378	1,584,806	2,520,143
Cambridge, Mass	3	97,555	2,175	178	65,320	156,512	266,000
Charleston, S. C	5	61,005	2,996	90	38,044	92,100	161,200
Chelsea, Mass	8	8,100	1,577	147	43,480	9,948	63,603
Chicago, Ill	186	12,742,325	2,710,770	15,616	6,274,482	17,560,884	32,517,226
Cincinnati, Ohio	443	12,304,620	945,989	14,532	3,948,636	8,464,190	17,951,525
Cleveland, Ohio	18	440,045	68,577	993	537,319	1,211,080	2,059,392
Covington, Ky	22	46,025	3,331	353	95,180	760	106,750
Detroit, Mich	9	245,830	220,850	221	85,021	819,503	1,269,327
Evansville, Ind	3	374,262	84,652	369	112,532	368,238	658,350
Galveston, Tex	3	83,655	15,361	100	42,500	87,500	174,336
Gloucester, Mass	9	65,905	4,797	94	45,260	37,848	97,478
Indianapolis, Ind	5	334,650	12,586	639	177,550	544,095	861,250
Jersey city, N. J	3	9,955	12,440	41	19,980	76,140	135,920
Kansas city, Mo	3	73,294	7,733	311	68,900	147,746	277,500
Lancaster, Pa	3	55,200	1,925	107	29,259	47,840	87,000
Long Island city, N. Y	5	17,105	232	69	24,684	30	32,950
Louisville, Ky	14	944,047	42,337	1,432	368,323	1,176,722	1,920,250
Milwaukee, Wis	20	2,868,528	249,516	2,488	632,237	2,099,612	3,541,369
Newark, N. J	91	893,574	574,522	2,241	850,689	822,822	2,562,395
Newburg, N. Y	3	935,765	123,703	834	287,483	896,559	1,427,750
New Orleans, La	26	1,169,927	54,060	3,686	612,421	1,290,137	2,174,747
Newport, Ky	207	135,472	27,201	1,028	324,942	414	440,800
New York, N. Y	1,485	29,880,507	4,180,720	37,438	22,466,053	31,522,982	68,796,405
Omaha, Neb	3	131,786	8,099	231	73,138	161,850	320,350
Peoria, Ill	3	116,300	28,603	397	97,740	205,800	367,200
Petersburg, Va	6	45,130	1,473	72	17,380	33,038	59,459
Philadelphia, Pa	302	14,420,901	3,992,771	6,666	3,596,564	13,503,449	24,490,218
Pittsburg, Pa	7	555,200	34,564	510	189,834	419,040	786,500
Portland, Me	5	195,073	34,767	74	28,473	249,060	359,400
Portland, Ore	5	119,715	56,823	73	50,060	299,540	462,970
Poughkeepsie, N. Y	3	364,668	57,524	361	157,740	420,900	672,000
Providence, R. I	5	344,150	264,987	388	172,572	364,480	835,522
Reading, Pa	4	141,550	3,462	247	79,110	149,971	263,000
Rochester, N. Y	192	6,146,333	1,425,587	3,123	1,561,660	4,972,945	9,133,563
Rockford, Ill	3	165,950	8,566	209	59,172	186,504	317,500
St. Joseph, Mo	5	437,860	21,267	1,017	291,050	737,210	1,125,870
St. Louis, Mo	48	4,349,419	321,844	5,003	1,734,979	3,589,120	6,554,982
St. Paul, Minn	5	542,472	20,037	685	260,970	490,560	903,406
San Francisco, Cal	119	718,047	56,929	1,876	784,085	1,403,279	2,557,671
Syracuse, N. Y	92	1,937,732	587,295	1,404	588,379	1,772,926	3,429,219
Terre Haute, Ind	6	198,920	10,259	585	133,965	411,557	602,955
Utica, N. Y	11	2,254,208	127,431	4,566	639,774	1,583,292	2,833,308
Worcester, Mass	3	106,031	11,215	127	60,708	175,261	283,000
All other cities (a)	62	2,402,676	177,719	3,901	1,151,605	2,638,897	4,536,556

a Embraces Allentown, Pa., 2; Atlanta, Ga., 2; Auburn, N. Y., 1; Bay city, Mich., 1; Birmingham, Ala., 1; Brockton, Mass., 2; Burlington, Iowa, 1; Chattanooga, Tenn., 1; Davenport, Iowa., 1; Dayton, Ohio, 2; Denver, Colo., 2; Dubuque, Iowa, 2; Elmira, N. Y., 2; Erie, Pa., 2; Fort Wayne, Ind., 2; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Houston, Tex., 1; Kansas city, Kan., 2; Lacrosse, Wis., 1; Lawrence, Mass., 1; Lynn, Mass., 2; Memphis, Tenn., 2; Minneapolis, Minn., 2; Mobile, Ala., 1, Nashville, Tenn., 2; New Albany, Ind., 1; New Bedford, Mass., 1; New Haven, Conn., 2; Norfolk, Va., 1; Oakland, Cal., 2; Paterson, N. J., 1; Quincy, Ill., 1; Racine, Wis., 1; Salem, Mass., 2; Springfield, Ill., 1; Toledo, Ohio, 2; Troy, N. Y., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 2; Wilmington, N. C., 1; Yonkers, N. Y., 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

12.—CLOTHING, WOMEN'S, FACTORY PRODUCT.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	Average number of employés and total wages.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	1,190	$20,959,675	$3,573,300	40,948	$18,488,811	$33,683,605	$67,043,517
Albany, N. Y	5	191,946	3,847	256	78,248	163,409	314,835
Baltimore, Md	21	478,700	44,187	605	205,578	447,026	870,681
Boston, Mass	35	405,521	97,419	1,073	434,793	736,935	1,506,212
Brooklyn, N. Y	36	289,784	62,353	821	289,760	563,296	1,036,267
Buffalo, N. Y	4	40,195	4,206	148	46,430	69,210	157,750
Chicago, Ill	71	2,793,112	600,030	2,073	1,181,478	3,257,712	6,422,431
Cincinnati, Ohio	20	1,234,830	62,609	1,648	672,677	998,183	2,285,598
Cleveland, Ohio	7	788,000	54,750	855	333,710	1,223,327	1,918,500
Denver, Colo	4	235,664	41,051	350	109,966	260,102	642,760
Jersey city, N. J	4	31,550	5,845	132	40,538	91,247	141,400
Milwaukee, Wis	3	89,095	11,941	349	45,069	138,210	235,630
Newark, N. J	8	165,375	7,706	294	99,006	183,918	346,197
New Orleans, La	12	36,420	6,940	336	43,288	120,246	198,978
Newport, Ky	13	3,577	1,242	28	9,035	1,000	13,350
New York, N. Y	741	10,498,568	2,120,205	24,791	12,741,030	20,868,388	42,779,286
Philadelphia, Pa	74	1,641,777	229,646	2,456	785,863	1,920,503	3,335,746
Portland, Ore	3	74,400	6,223	81	41,960	84,175	149,220
Providence, R. I	4	2,900	733	17	6,276	17,104	34,200
Richmond, Va	3	13,875	1,485	24	6,788	28,381	46,900
Rochester, N. Y	7	159,430	11,001	331	82,674	212,358	405,400
St. Louis, Mo	11	300,520	18,189	499	151,945	298,852	541,894
San Francisco, Cal	70	628,552	74,435	1,137	453,793	911,385	1,660,643
Trenton, N. J	3	17,300	4,435	45	10,770	12,746	34,000
Yonkers, N. Y	3	12,723	324	10	3,940	3,585	9,295
All other cities (a)	37	825,861	101,598	1,989	554,196	1,072,097	1,946,584

a Embraces Akron, Ohio, 2; Auburn, N. Y., 1; Brockton, Mass., 1; Camden, N. J., 1; Columbus, Ohio, 1; Detroit, Mich., 2; Dubuque, Iowa, 1; Grand Rapids, Mich., 1; Indianapolis, Ind., 1; Jackson, Mich., 1; Lancaster, Pa., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 1; Louisville, Ky., 1; Minneapolis, Minn., 2; New Albany, Ind., 1; New Haven, Conn., 2; Oakland, Cal., 1; Pittsburg, Pa., 2; Portland, Me., 2; Racine, Wis., 1; Sacramento, Cal., 1; Springfield, Mass., 2; Troy, N. Y., 2; Utica, N. Y., 1; Wilkesbarre, Pa., 1; Worcester, Mass., 2; York, Pa., 1.

13.—COOPERAGE.

Total	1,125	12,768,036	961,413	15,706	8,319,965	14,236,748	26,747,399
Albany, N. Y	6	53,932	4,354	63	29,018	54,019	90,377
Allegheny, Pa	8	39,695	1,266	45	22,839	24,178	58,470
Baltimore, Md	42	253,904	16,073	518	258,059	505,398	833,420
Binghamton, N. Y	3	8,565	196	7	3,750	3,275	8,350
Boston, Mass	20	359,671	14,583	243	148,265	273,030	458,486
Brooklyn, N. Y	41	1,772,135	200,394	1,620	839,514	1,019,467	2,140,665
Buffalo, N. Y	20	310,365	13,546	430	201,061	324,573	580,406
Burlington, Iowa	4	31,300	2,812	39	17,020	33,174	56,847
Cambridge, Mass	14	53,281	9,821	105	56,349	83,769	160,467
Camden, N. J	3	8,950	191	13	7,032	4,800	14,610
Charleston, S. C	6	286,100	13,147	314	126,269	279,875	425,125
Chicago, Ill	47	1,142,094	58,577	1,208	649,744	1,287,733	2,322,136
Cincinnati, Ohio	53	635,222	48,747	922	466,212	904,041	1,590,512
Cleveland, Ohio	21	120,085	8,004	289	134,403	214,355	380,156
Covington, Ky	18	30,260	4,328	84	50,000	57,135	132,030
Davenport, Iowa	6	74,583	6,244	111	59,831	110,026	194,492
Dayton, Ohio	11	12,714	1,010	63	23,442	23,339	56,016
Detroit, Mich	9	177,102	5,840	150	79,202	136,318	238,400
Dubuque, Iowa	3	52,652	1,971	45	21,421	36,510	64,401
Elmira, N. Y	4	8,188	290	8	2,560	1,080	4,800
Erie, Pa	4	12,910	430	21	9,144	13,405	24,254
Evansville, Ind	10	45,405	2,783	114	35,646	58,762	108,250
Galveston, Tex	8	31,037	6,397	32	25,672	41,600	85,332
Gloucester, Mass	5	14,125	723	12	7,754	14,988	27,428
Grand Rapids, Mich	5	16,655	392	26	13,382	16,614	31,410
Indianapolis, Ind	15	115,810	11,340	269	113,673	211,712	364,745
Jersey city, N. J	5	81,252	2,641	64	46,104	100,413	171,600
Kansas city, Kan	5	113,712	10,845	226	122,484	262,500	464,758
Lacrosse, Wis	10	26,770	395	70	32,450	48,856	91,826
Lexington, Ky	4	29,900	832	49	26,240	52,350	89,800
Louisville, Ky	14	184,204	10,404	406	200,550	322,694	558,227
Milwaukee, Wis	62	315,048	12,784	578	316,225	380,201	828,578
Minneapolis, Minn	16	295,436	18,112	648	330,318	629,320	1,209,338
Newark, N. J	7	24,965	1,585	65	34,923	35,065	101,550
New Bedford, Mass	4	13,300	722	17	12,385	8,837	26,123
New Haven, Conn	5	28,954	2,256	34	18,474	14,010	37,900
New Orleans, La	71	381,451	23,967	665	299,333	335,879	810,611
Newport, Ky	4	3,320	999	13	4,954	4,120	12,030
New York, N. Y	82	403,496	60,160	719	554,239	359,096	1,274,746
Norfolk, Va	6	29,560	1,544	55	17,687	35,122	67,645
Oshkosh, Wis	4	7,070	98	6	2,524	3,600	6,665
Oswego, N. Y	9	10,972	722	37	15,745	19,403	39,230
Peoria, Ill	8	359,200	38,741	519	270,168	687,270	1,102,550
Philadelphia, Pa	91	1,060,113	41,110	961	490,299	980,977	1,749,985
Pittsburg, Pa	17	178,523	11,048	221	139,460	274,607	468,351

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

13.—COOPERAGE—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Portland, Me	7	$243,169	$16,917	87	$65,451	$270,754	$373,026
Portland, Ore	4	19,925	4,835	24	18,530	18,099	46,189
Poughkeepsie, N. Y	5	153,100	8,126	187	121,676	165,116	313,753
Providence, R. I	6	17,800	13,646	36	23,362	39,776	80,232
Quincy, Ill	16	20,580	711	57	26,521	26,755	60,400
Richmond, Va	8	21,573	3,268	111	33,303	56,042	99,900
Rochester, N. Y	15	129,876	8,047	216	101,667	163,720	304,531
Saginaw, Mich	4	12,805	650	16	7,536	13,187	24,589
St. Joseph, Mo	5	81,985	4,121	82	51,834	68,105	167,774
St. Louis, Mo	71	1,042,643	57,243	1,108	587,105	1,033,102	1,912,779
St. Paul, Minn	5	13,325	653	18	10,650	7,450	19,700
Salem, Mass	4	2,875	459	13	7,392	4,677	12,700
San Francisco, Cal	24	639,771	37,733	419	308,406	600,159	1,034,931
Syracuse, N. Y	14	66,991	14,478	76	37,654	83,400	154,820
Terre Haute, Ind	7	55,400	3,982	182	78,807	171,694	285,006
Toledo, Ohio	7	11,709	483	42	20,910	30,470	63,300
Trenton, N. J	5	57,675	1,251	27	16,942	19,556	32,589
Washington, D. C	8	23,285	1,942	53	23,880	23,744	54,751
Wheeling, W. Va	6	10,655	910	32	17,610	23,868	45,153
York, Pa	10	11,616	168	27	6,244	13,430	24,094
Zanesville, Ohio	4	2,079	233	12	5,659	8,695	22,126
All other cities (a)	71	854,983	113,633	768	403,033	1,110,035	1,946,010

a Embraces Akron, Ohio, 2; Altoona, Pa., 1; Atlanta, Ga., 1; Augusta, Ga., 2; Bay city, Mich., 2; Bridgeport, Conn., 2; Canton, Ohio, 1; Columbus, Ohio, 1; Council Bluffs, Iowa, 1; Dallas, Tex., 2; Des Moines, Iowa, 2; Duluth, Minn., 1; Fall River, Mass., 1; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Harrisburg, Pa., 2; Hoboken, N. J., 1; Houston, Tex., 1; Jackson, Mich., 2; Joliet, Ill., 1; Kansas city, Mo., 1; Knoxville, Tenn., 1; Lancaster, Pa., 1; Lincoln, Neb., 2; Los Angeles, Cal., 1; Lowell, Mass., 1; Memphis, Tenn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 2; New Albany, Ind., 2; Newburg, N. Y., 1; Oakland, Cal., 2; Omaha, Neb., 2; Petersburg, Va., 1; Rockford, Ill., 1; Sacramento, Cal., 1; San Antonio, Tex., 1; Savannah, Ga., 1; Seattle, Wash., 1; Sioux city, Iowa, 1; Somerville, Mass., 2; South Bend, Ind., 1; Springfield, Ill., 1; Springfield, Ohio, 2; Tacoma, Wash., 1; Topeka, Kan., 1; Troy, N. Y., 1; Utica, N. Y., 1; Wilmington, Del., 1; Worcester, Mass., 1; Yonkers, N. Y., 2; Youngstown, Ohio, 1.

14.—COTTON GOODS.

Total	375	185,839,230	9,288,043	113,751	37,900,701	82,302,366	144,760,839
Atlanta, Ga	3	1,905,535	46,122	1,092	202,077	722,470	1,140,604
Augusta, Ga	9	5,337,362	240,161	2,982	709,525	2,717,901	3,979,042
Boston, Mass	3	416,600	22,374	260	95,040	487,380	621,250
Brooklyn, N. Y	5	264,600	10,877	131	70,494	487,470	605,100
Chester, Pa	11	3,248,823	151,597	2,369	798,623	1,687,231	2,960,224
Cincinnati, Ohio	6	1,206,717	105,539	567	188,357	876,146	1,428,204
Fall River, Mass	41	32,104,107	1,660,820	19,476	6,724,452	13,626,090	24,925,764
Fitchburg, Mass	4	1,492,910	151,037	1,212	404,415	946,764	1,705,440
Holyoke, Mass	5	5,554,356	264,398	2,989	1,027,847	2,071,366	4,392,722
Lancaster, Pa	4	1,949,909	96,534	1,155	322,572	743,288	1,336,254
Lawrence, Mass	6	8,352,310	454,143	4,756	1,630,581	3,352,641	6,046,914
Lewiston, Me	6	5,966,426	390,669	4,927	1,515,200	2,690,180	5,013,337
Lincoln, R. I	4	6,429,092	320,900	3,863	1,430,386	2,039,140	4,022,329
Lowell, Mass	8	23,959,879	1,576,962	15,074	4,858,231	11,874,641	19,789,111
Manchester, N. H	4	13,845,304	535,946	9,617	3,417,235	6,465,886	10,957,219
Newark, N. J	3	7,179,346	47,044	2,392	954,850	1,129,687	2,433,602
New Bedford, Mass	9	14,036,446	518,043	6,379	2,912,693	4,031,533	8,185,286
New York, N. Y	8	296,040	24,927	251	122,178	274,533	523,244
Paterson, N. J	3	743,569	15,040	566	168,793	336,380	723,294
Pawtucket, R. I	15	7,431,004	422,231	3,239	1,071,684	2,137,230	3,954,960
Petersburg, Va	5	994,542	53,582	693	126,920	410,845	574,536
Philadelphia, Pa	123	7,942,624	377,833	7,080	2,883,596	6,459,484	11,514,601
Providence, R. I	16	3,763,432	362,694	3,162	1,051,294	1,963,954	3,767,589
Springfield, Mass	3	246,010	27,007	101	38,192	403,998	518,616
Taunton, Mass	8	2,599,094	149,527	2,000	703,825	1,629,595	2,747,816
Utica, N. Y	3	2,894,850	124,415	1,491	458,460	1,256,072	2,160,247
Woonsocket, R. I	8	4,345,360	117,708	2,842	812,302	1,670,780	3,071,903
Worcester, Mass	7	345,129	24,346	259	101,502	400,297	578,853
All other cities (a)	45	20,987,254	985,967	12,826	3,544,377	9,403,384	15,071,438

a Embraces Allegheny, Pa., 1; Baltimore, Md., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Charleston, S. C., 1; Cohoes, N. Y., 2; Dallas, Tex., 1; Dayton, Ohio, 1; Des Moines, Iowa, 2; Evansville, Ind., 1; Indianapolis, Ind., 1; Louisville, Ky., 2; Macon, Ga., 2; Malden, Mass., 2; Memphis, Tenn., 2; Montgomery, Ala., 1; Nashville, Tenn., 2; New Albany, Ind., 2; Newburg, N. Y., 1; New Orleans, La., 2; Oakland, Cal., 1; Oswego, N. Y., 1; Reading, Pa., 2; Rochester, N. Y., 2; Rockford, Ill., 1; St. Louis, Mo., 1; Salem, Mass., 1; Troy, N. Y., 1; Waterbury, Conn., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 2; Wilmington, N. C., 1.

15.—CUTLERY AND EDGE TOOLS.

Total	300	4,240,257	268,749	3,732	1,972,909	1,279,036	4,488,405
Baltimore, Md	15	16,940	4,388	41	23,020	10,139	49,052
Boston, Mass	17	35,715	6,340	53	35,698	12,163	67,520
Bridgeport, Conn	4	135,616	11,045	174	90,148	42,847	165,260
Brockton, Mass	6	34,469	2,319	41	25,275	5,819	51,647
Brooklyn, N. Y	10	21,475	2,092	34	22,614	6,119	47,385
Buffalo, N. Y	9	188,027	3,067	78	46,557	28,379	119,660
Chicago, Ill	6	221,230	6,401	225	95,654	74,868	215,584
Cincinnati, Ohio	10	17,365	4,264	37	23,832	30,920	78,400
Dayton, Ohio	3	58,445	5,385	29	16,840	20,522	62,543
Evansville, Ind	3	87,150	6,910	63	31,632	10,492	59,005

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

15.—CUTLERY AND EDGE TOOLS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Grand Rapids, Mich	3	$15,350	$1,565	17	$9,222	$2,915	$16,093
Haverhill, Mass	3	1,030	210	3	2,060	171	2,500
Indianapolis, Ind	4	4,770	1,204	18	9,730	9,272	21,270
Louisville, Ky	3	191,400	14,684	220	60,700	77,714	173,490
Lynn, Mass	5	5,220	1,106	14	11,975	3,196	19,186
Meriden, Conn	3	111,836	7,594	125	68,111	24,066	109,629
Milwaukee, Wis	3	2,402	661	7	3,000	483	5,280
Newark, N. J	10	328,373	17,418	433	209,824	106,002	367,495
New Haven, Conn	3	90,435	3,199	105	53,740	32,865	107,900
New Orleans, La	13	12,040	2,969	24	14,744	1,944	25,767
New York, N. Y	51	151,775	34,113	296	229,683	108,459	475,599
Philadelphia, Pa	33	276,087	16,262	167	105,046	47,142	209,116
Portland, Me	4	1,430	774	5	3,275	250	4,351
Rochester, N. Y	8	264,830	10,475	110	54,286	36,787	133,110
St. Louis, Mo	9	76,875	9,174	94	59,583	28,532	177,555
San Francisco, Cal	7	37,210	4,779	54	39,556	22,413	120,012
Syracuse, N. Y	4	3,205	799	9	5,390	2,138	9,480
Worcester, Mass	5	117,502	7,826	81	53,511	32,695	118,140
All other cities (a)	46	1,732,055	81,726	1,175	567,203	499,819	1,475,476

a Embraces Albany, N. Y., 2; Allentown, Pa., 2; Atlanta, Ga., 1; Cambridge, Mass., 2; Canton, Ohio, 2; Chelsea, Mass., 1; Chester, Pa., 1; Cleveland, Ohio, 2; Cohoes, N. Y., 1; Columbus, Ohio, 2; Covington, Ky., 1; Davenport, Iowa, 2; Detroit, Mich., 1; Elizabeth, N. J., 1; Hartford, Conn., 2; Holyoke, Mass., 2; Kansas city, Mo., 1; Kingston, N. Y., 1; Lancaster, Pa., 1; Lowell, Mass., 1; Minneapolis, Minn., 1; Paterson, N. J., 1; Portland, Ore., 1; Providence, R. I., 1; Saginaw, Mich., 1; Scranton, Pa., 1; Seattle, Wash., 1; Springfield, Mass., 2; Springfield, Ohio, 1; Taunton, Mass., 1; Toledo, Ohio, 1; Waterbury, Conn., 2; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 1.

16.—DYEING AND FINISHING TEXTILES.

Total	191	19,830,754	1,506,601	11,133	5,507,012	6,819,539	16,160,032
Brooklyn, N. Y	4	176,626	10,259	115	59,105	29,903	112,721
Chicago, Ill	3	26,500	1,426	21	10,424	6,846	26,741
Fall River, Mass	3	2,653,681	177,913	674	222,398	565,289	1,206,191
Jersey city, N. J	3	24,000	3,250	26	13,850	8,550	33,000
Lawrence, Mass	4	3,108,290	160,197	1,019	463,705	558,377	1,159,722
Lowell, Mass	4	706,070	68,700	294	152,757	152,274	426,741
New York, N. Y	32	1,171,554	106,679	981	640,494	533,486	1,538,384
Paterson, N. J	22	1,283,206	105,009	1,266	721,586	1,118,601	2,252,316
Pawtucket, R. I	9	1,635,869	83,216	1,024	453,298	430,899	1,417,971
Philadelphia, Pa	78	4,377,994	347,452	2,710	1,430,627	1,953,812	4,356,272
Providence, R. I	6	3,008,965	275,997	1,661	733,780	760,728	1,957,600
All other cities (a)	23	1,657,990	166,503	1,342	604,988	700,684	1,672,283

a Embraces Allegheny, Pa., 1; Allentown, Pa., 1; Baltimore, Md., 1; Boston, Mass., 1; Camden, N. J., 2; Chelsea, Mass., 1; Cincinnati, Ohio, 1; Cohoes, N. Y., 1; Hoboken, N. J., 1; Lancaster, Pa., 2; Lewiston, Me., 1; Long Island city, N. Y., 2; Malden, Mass., 1; Minneapolis, Minn., 1; Newburg, N. Y., 1; Somerville, Mass., 1; Wheeling, W. Va., 1; Wilmington, Del., 1; Woonsocket, R. I., 1; Worcester, Mass., 1.

17.—FLOURING AND GRIST MILL PRODUCTS.

Total	608	56,317,552	4,371,269	11,232	7,237,249	141,607,163	163,414,453
Akron, Ohio	4	1,927,100	180,710	452	225,207	2,492,045	2,968,109
Auburn, N. Y	3	107,100	7,360	15	8,655	161,490	190,160
Augusta, Ga	3	115,500	6,392	38	20,374	351,203	391,600
Baltimore, Md	11	1,008,048	152,949	240	172,548	2,775,780	3,285,115
Binghamton, N. Y	5	230,442	50,389	53	31,628	919,046	1,147,612
Bloomington, Ill	4	135,552	8,282	43	28,180	314,132	437,064
Boston, Mass	5	201,625	13,215	39	23,844	461,894	517,215
Brooklyn, N. Y	5	729,075	171,678	166	142,489	3,502,000	4,011,620
Buffalo, N. Y	8	1,030,541	103,519	189	114,737	3,142,662	3,653,098
Canton, Ohio	5	144,725	9,717	34	18,847	323,368	388,206
Charleston, S. C	7	188,095	5,947	69	32,144	342,951	389,014
Chicago, Ill	16	1,880,238	101,191	301	202,259	3,828,795	4,709,447
Cincinnati, Ohio	13	226,459	22,470	105	63,657	532,842	699,588
Cleveland, Ohio	6	418,927	32,502	126	80,476	1,977,565	2,315,588
Columbus, Ohio	3	84,055	9,693	27	16,174	390,758	429,750
Council Bluffs, Iowa	3	135,550	5,180	35	17,730	152,552	211,725
Dallas, Tex	3	161,950	43,310	52	45,844	841,325	1,094,824
Davenport, Iowa	3	565,319	15,899	57	42,820	764,572	827,300
Dayton, Ohio	5	262,600	21,311	87	62,466	1,035,766	1,185,230
Denver, Colo	5	969,000	43,110	101	87,496	1,581,024	1,945,600
Des Moines, Iowa	6	66,032	3,740	24	14,916	122,913	153,910
Detroit, Mich	9	364,925	30,665	110	65,891	1,348,976	1,613,003
Dubuque, Iowa	3	39,000	1,048	12	7,042	53,600	66,055
Elmira, N. Y	3	113,109	4,748	25	14,420	267,054	325,373
Erie, Pa	5	413,413	25,343	72	48,537	858,102	983,697
Evansville, Ind	11	474,200	49,366	166	85,652	1,603,656	1,841,629
Fort Wayne, Ind	7	170,050	20,014	63	38,058	291,570	364,381
Fort Worth, Tex	4	287,645	35,834	55	34,591	1,200,623	1,290,290
Gloucester, Mass	3	23,100	419	6	3,150	27,800	31,844
Grand Rapids, Mich	10	743,274	58,735	136	82,819	1,386,912	1,558,845
Indianapolis, Ind	12	548,618	55,020	205	100,505	2,978,431	3,265,804
Jackson, Mich	5	220,199	7,305	58	26,425	526,159	618,710
Joliet, Ill	3	95,035	6,398	23	10,805	133,010	164,152
Kansas city, Mo	6	579,173	65,875	125	73,941	1,052,657	1,323,028
Kingston, N. Y	3	62,670	3,281	14	7,696	151,618	175,776

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Lacrosse, Wis	4	$518,755	$62,925	94	$56,564	$1,949,365	$2,134,785
Lawrence, Mass	3	300,000	42,670	58	32,798	1,132,122	1,266,788
Lexington, Ky	3	190,500	15,588	35	24,506	300,995	361,460
Los Angeles, Cal	5	610,119	37,715	93	123,592	1,010,873	1,203,441
Louisville, Ky	8	354,288	35,445	126	79,266	883,032	1,067,415
Lowell, Mass	3	21,400	2,140	12	5,373	89,209	102,104
Memphis, Tenn	4	296,078	18,705	55	40,984	870,450	975,250
Milwaukee, Wis	10	1,751,737	150,294	370	241,171	3,936,077	4,438,983
Minneapolis, Minn	25	10,701,068	822,692	1,621	1,043,858	27,366,986	30,707,098
Mobile, Ala	4	55,300	4,440	41	11,060	153,415	198,400
New Albany, Ind	3	128,500	19,325	27	18,302	270,520	322,250
Newark, N. J	3	104,050	8,820	22	16,904	233,500	276,060
New York, N. Y	9	2,527,491	194,528	476	384,211	6,910,148	8,098,430
Norfolk, Va	3	54,900	2,225	23	10,220	190,692	221,182
Oakland, Cal	3	210,400	7,106	46	29,130	485,441	526,633
Omaha, Neb	3	111,675	3,220	14	9,516	93,689	123,857
Oshkosh, Wis	5	116,155	6,490	22	11,420	226,317	266,100
Oswego, N. Y	6	475,750	43,389	74	45,051	929,949	1,055,692
Peoria, Ill	7	163,050	25,837	59	37,402	505,579	621,458
Petersburg, Va	4	165,608	6,120	51	22,838	521,918	591,583
Philadelphia, Pa	23	506,992	32,351	131	80,142	1,411,422	1,662,697
Pittsburg, Pa	3	537,500	10,343	94	78,950	1,454,124	1,639,340
Portland, Me	3	64,000	8,080	16	9,442	234,950	257,470
Quincy, Ill	5	291,503	35,204	103	63,505	1,581,965	1,768,501
Richmond, Va	4	854,946	103,235	180	94,025	1,596,325	1,874,624
Rochester, N. Y	17	1,395,232	89,817	231	161,489	3,920,734	4,608,226
Rockford, Ill	3	160,050	11,399	38	21,023	241,318	297,847
Sacramento, Cal	3	668,000	25,354	73	61,341	1,262,660	1,525,460
Saginaw, Mich	4	271,648	23,976	73	30,939	405,396	478,676
St. Joseph, Mo	5	577,813	45,068	123	70,284	1,343,494	1,611,690
St. Louis, Mo	20	4,110,954	348,182	763	559,877	10,853,606	12,456,000
St. Paul, Minn	3	279,941	8,390	49	19,788	285,883	357,300
San Francisco, Cal	11	1,100,560	153,238	218	194,634	2,998,170	3,559,666
Savannah, Ga	3	42,500	4,356	19	8,964	122,959	146,150
Scranton, Pa	5	352,624	13,823	54	35,263	685,002	777,130
Sioux city, Iowa	3	330,500	13,605	41	32,620	378,060	443,400
South Bend, Ind	3	101,550	3,535	26	14,128	353,605	396,374
Springfield, Mo	6	224,124	15,820	58	29,809	593,690	722,150
Terra Haute, Ind	12	599,350	50,359	236	98,750	2,209,018	2,471,145
Toledo, Ohio	8	391,980	28,216	152	79,515	1,323,301	1,481,447
Topeka, Kan	3	476,300	61,261	124	86,424	1,237,235	1,529,121
Trenton, N. J	5	142,700	11,946	38	23,972	572,264	655,138
Troy, N. Y	3	167,186	18,053	46	30,522	528,487	608,230
Utica, N. Y	3	174,000	7,011	39	27,232	340,242	431,300
Washington, D. C	6	698,417	30,748	149	85,718	1,359,888	1,564,062
Wichita, Kan	6	214,305	22,070	46	34,286	347,110	420,349
Wilkesbarre, Pa	3	66,376	3,524	29	14,690	159,630	197,900
Wilmington, N. C	4	41,400	3,561	33	12,889	119,535	143,086
Worcester, Mass	3	130,011	2,490	22	13,147	94,603	116,900
Zanesville, Ohio	5	116,682	9,496	35	18,097	229,544	277,900
All other cities (a)	96	7,587,680	353,269	1,351	849,525	17,408,316	19,763,120

a Embraces Albany, N. Y., 2; Allegheny, Pa., 1; Altoona, Pa., 2; Atlanta, Ga., 2; Bay city, Mich., 2; Birmingham, Ala., 1; Bridgeport, Conn., 2; Brockton, Mass., 1; Burlington, Iowa, 2; Camden, N. J., 1; Chattanooga, Tenn., 1; Cohoes, N. Y., 1; Covington, Ky., 2; Duluth, Minn., 2; Elizabeth, N. J., 1; Fall River, Mass., 2; Fitchburg, Mass., 2; Galveston, Tex., 2; Harrisburg, Pa., 1; Hartford, Conn., 2; Haverhill, Mass., 2; Holyoke, Mass., 2; Jersey city, N. J., 2; Johnstown, Pa., 1; Kansas city, Kan., 1; Knoxville, Tenn., 2; Lancaster, Pa., 1; Lewiston, Me., 2; Lincoln, R. I., 1; Long Island city, N. Y., 1; Lynn, Mass., 2; Macon, Ga., 2; Manchester, N. H., 2; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 2; New Bedford, Mass., 1; Newburg, N. Y., 1; New Orleans, La., 1; Newport, Ky., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Portland, Ore., 2; Poughkeepsie, N. Y., 1; Providence, R. I., 2; Racine, Wis., 1; Reading, Pa., 1; Salt Lake, Utah, 2; San Antonio, Tex., 2; Somerville, Mass., 1; Springfield, Ill., 2; Springfield, Mass., 2; Springfield, Ohio, 2; Syracuse, N. Y., 2; Tacoma, Wash., 2; Taunton, Mass., 1; Waterbury, Conn., 1; Wheeling, W. Va., 1; Williamsport, Pa., 2; Wilmington, Del., 1; Woonsocket, R. I., 2; Youngstown, Ohio, 2.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS.

Total	3,847	283,031,478	19,002,269	181,812	111,775,881	120,946,087	314,159,606
Akron, Ohio	13	699,050	48,881	665	391,134	483,640	1,047,424
Albany, N. Y	20	1,551,504	184,335	1,058	644,758	640,564	2,059,102
Allegheny, Pa	20	1,847,262	70,047	1,264	674,161	827,620	1,795,878
Allentown, Pa	15	502,197	26,077	499	244,105	354,965	716,193
Atlanta, Ga	14	941,753	73,114	622	309,174	269,259	790,875
Auburn, N. Y	4	246,107	35,767	205	132,185	73,368	261,486
Baltimore, Md	65	4,523,097	231,203	3,436	1,837,450	1,793,715	4,718,189
Bay city, Mich	9	636,833	31,089	323	198,766	205,569	554,622
Binghamton, N. Y	13	273,310	10,319	188	118,043	86,707	301,440
Birmingham, Ala	9	589,127	22,308	352	214,454	170,341	474,229
Bloomington, Ill	6	491,087	7,653	181	103,199	93,694	329,525
Boston, Mass	179	6,752,826	625,845	4,723	3,315,242	3,169,266	8,536,272
Bridgeport, Conn	19	1,677,428	247,349	1,257	717,655	748,174	1,922,805
Brockton, Mass	11	94,574	7,487	86	59,111	26,507	100,232
Brooklyn, N. Y	170	12,508,718	809,298	7,827	5,686,974	5,221,747	15,627,586
Buffalo, N. Y	63	7,939,066	552,733	4,756	2,509,105	3,333,413	7,334,748
Burlington, Iowa	5	266,525	19,459	241	148,100	153,690	337,175
Cambridge, Mass	15	2,092,076	423,106	1,075	704,081	827,489	2,478,730
Camden, N. J	13	2,543,748	18,313	1,068	618,172	875,420	1,948,250
Canton, Ohio	9	360,506	17,124	280	174,377	175,279	493,550

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Charleston, S. C	4	$357,850	$9,517	227	$139,788	$162,020	$365,200
Chattanooga, Tenn	14	868,513	54,034	627	300,908	574,668	1,094,811
Chelsea, Mass	5	714,400	36,328	341	217,999	135,120	472,300
Chester, Pa	6	836,243	37,857	537	323,935	694,145	1,143,261
Chicago, Ill	213	22,410,275	1,834,882	13,130	7,797,613	13,874,810	30,227,816
Cincinnati, Ohio	126	7,205,405	556,241	5,699	3,414,193	4,137,778	10,090,546
Cleveland, Ohio	102	6,831,035	669,149	7,424	4,057,613	5,552,731	11,832,334
Cohoes, N. Y	8	247,248	11,899	165	105,191	64,205	234,221
Columbus, Ohio	24	1,841,677	176,414	1,209	734,514	895,327	2,139,185
Council Bluffs, Iowa	3	19,190	2,282	35	23,325	6,483	37,600
Covington, Ky	9	166,746	7,912	168	85,468	65,954	188,633
Dallas, Tex	7	372,650	28,128	129	88,125	132,520	343,250
Davenport, Iowa	8	353,734	39,736	171	97,957	163,525	336,627
Dayton, Ohio	26	1,545,898	102,546	1,212	773,294	689,478	1,843,278
Denver, Colo	17	1,255,211	58,984	540	450,194	433,803	1,109,519
Des Moines, Iowa	13	316,320	12,936	267	166,931	196,012	459,425
Detroit, Mich	57	6,424,949	312,576	4,823	2,670,062	3,356,206	7,631,103
Dubuque, Iowa	8	565,575	16,908	294	167,227	214,830	491,800
Duluth, Minn	3	86,025	3,255	64	46,703	75,375	172,500
Elizabeth, N. J	10	1,116,485	34,360	662	464,176	571,890	1,445,403
Elmira, N. Y	6	506,767	55,027	276	165,718	113,307	388,913
Erie, Pa	24	4,571,459	158,955	2,394	1,466,458	1,925,526	4,310,183
Evansville, Ind	13	950,921	34,829	662	359,432	286,892	939,189
Fall River, Mass	20	487,713	37,985	625	328,458	341,301	832,674
Fitchburg, Mass	23	1,189,797	60,867	706	458,386	472,282	1,125,687
Fort Wayne, Ind	8	2,003,602	30,730	972	478,326	1,041,588	1,866,467
Galveston, Tex	6	96,295	7,193	69	55,789	52,442	141,000
Gloucester, Mass	5	36,305	1,352	23	11,714	12,155	29,571
Grand Rapids, Mich	18	885,187	38,945	558	322,106	214,775	753,490
Harrisburg, Pa	5	308,250	4,825	167	84,330	46,674	206,500
Hartford, Conn	17	2,503,685	137,611	1,427	939,038	569,611	2,002,855
Haverhill, Mass	8	128,667	7,950	96	65,163	76,624	160,500
Hoboken, N. J	6	336,500	9,252	234	185,564	159,622	403,850
Holyoke, Mass	13	1,406,594	66,751	837	530,418	486,778	1,276,110
Houston, Tex	4	185,500	5,975	96	58,069	118,305	232,654
Indianapolis, Ind	31	1,767,460	120,745	1,434	809,023	837,421	2,162,803
Jackson, Mich	10	1,706,029	23,379	266	123,030	176,599	374,286
Jersey city, N. J	33	1,399,356	92,622	975	675,709	787,948	1,822,104
Joliet, Ill	7	191,455	10,072	173	105,585	107,482	248,310
Kansas city, Kan	6	723,097	21,558	488	323,943	416,092	945,335
Kansas city, Mo	21	572,285	38,054	374	272,448	207,485	629,960
Kingston, N. Y	3	126,900	6,574	71	42,072	42,680	105,181
Knoxville, Tenn	12	476,561	23,134	265	136,487	206,446	423,915
Lacrosse, Wis	5	188,468	5,285	78	43,585	51,918	112,697
Lancaster, Pa	17	375,283	20,658	375	178,305	197,486	488,357
Lawrence, Mass	25	1,162,083	56,238	776	454,948	484,875	1,221,913
Lewiston, Me	5	188,480	6,500	193	108,501	84,249	235,521
Lexington, Ky	3	34,350	2,051	21	13,220	8,427	25,500
Lincoln, R. I	6	29,180	1,984	36	16,029	13,072	36,845
Little Rock, Ark	4	178,300	16,560	115	80,580	32,285	184,200
Long Island city, N. Y	7	401,200	25,170	420	232,796	143,860	493,448
Los Angeles, Cal	10	292,082	12,873	172	128,933	137,897	310,170
Louisville, Ky	32	4,079,879	212,623	2,315	1,334,947	1,880,636	4,131,933
Lowell, Mass	43	3,183,993	438,137	2,493	1,336,479	1,277,106	3,331,338
Lynn, Mass	28	369,270	28,915	426	285,295	184,214	674,139
Macon, Ga	5	344,200	3,335	173	95,390	40,436	231,600
Manchester, N. H	11	1,522,956	32,625	633	268,616	506,930	956,115
Memphis, Tenn	8	1,208,530	59,321	718	406,832	495,302	1,251,995
Meriden, Conn	8	1,561,930	140,100	716	370,310	429,056	1,063,680
Milwaukee, Wis	44	5,518,172	658,104	3,263	1,736,352	2,554,475	5,568,445
Minneapolis, Minn	36	1,168,014	75,078	733	509,280	415,825	1,411,721
Mobile, Ala	5	77,960	5,303	111	61,350	28,291	112,950
Montgomery, Ala	3	170,100	7,000	72	47,230	37,445	117,310
Muskegon, Mich	5	262,026	12,711	105	68,159	42,435	178,462
Nashville, Tenn	8	719,660	48,125	428	239,408	272,530	701,320
New Albany, Ind	6	134,728	13,111	279	140,211	107,058	280,178
Newark, N. J	74	3,291,073	204,727	2,246	1,403,500	1,185,510	3,213,848
New Bedford, Mass	15	300,187	13,618	209	126,306	106,502	269,983
Newburg, N. Y	4	482,612	52,095	387	241,460	300,884	655,574
New Haven, Conn	25	1,603,541	72,445	833	567,213	634,434	1,514,358
New Orleans, La	34	1,508,189	50,969	1,077	721,879	861,047	1,972,856
Newport, Ky	3	581,106	51,158	405	191,873	602,596	922,014
Newton, Mass	3	296,212	20,038	224	122,926	109,885	283,575
New York, N. Y	343	15,036,597	1,154,721	10,381	8,088,047	6,019,417	19,543,794
Norfolk, Va	7	199,981	9,092	173	106,251	40,188	216,389
Oakland, Cal	6	69,475	5,112	86	71,631	36,211	126,200
Omaha, Neb	10	458,300	20,705	321	255,334	394,167	727,600
Oshkosh, Wis	12	297,160	23,884	142	90,269	81,607	223,825
Oswego, N. Y	7	787,586	47,510	286	126,901	180,207	412,177
Paterson, N. J	29	2,654,421	71,525	3,051	1,710,801	1,960,370	4,048,592
Pawtucket, R. I	13	979,404	135,189	740	425,901	366,752	1,110,852
Peoria, Ill	14	348,572	26,493	291	187,321	127,347	424,584
Petersburg, Va	5	104,661	12,409	150	69,168	35,809	139,042
Philadelphia, Pa	345	30,680,644	1,853,061	17,422	11,133,324	11,073,876	29,654,444
Pittsburg, Pa	75	10,167,288	527,706	5,623	3,382,175	4,930,726	10,706,616

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Portland, Me	12	$986,861	$43,441	404	$220,825	$255,009	$513,168
Portland, Ore	14	682,978	35,791	367	335,764	385,827	899,636
Poughkeepsie, N. Y	4	142,500	6,984	101	60,154	34,506	121,900
Providence, R. I	59	9,600,087	342,928	5,912	3,494,447	3,114,333	8,351,035
Quincy, Ill	16	1,376,950	70,979	786	494,561	409,724	1,157,817
Racine, Wis	6	219,470	10,426	288	121,551	119,718	307,701
Reading, Pa	15	1,098,370	161,731	1,061	571,359	782,489	1,769,949
Richmond, Va	15	2,363,455	92,333	1,329	660,344	935,826	1,867,491
Rochester, N. Y	53	2,719,827	246,567	1,623	1,060,337	1,065,385	2,944,049
Rockford, Ill	11	383,710	36,425	337	170,106	149,440	481,915
Sacramento, Cal	6	114,428	3,873	104	93,369	77,113	199,968
Saginaw, Mich	10	1,113,019	78,503	465	296,771	310,697	814,098
St. Joseph, Mo	3	118,300	13,618	66	42,038	94,725	167,000
St. Louis, Mo	103	10,184,926	893,367	6,345	3,877,946	5,096,781	11,945,493
St. Paul, Minn	13	563,348	18,610	366	243,984	380,086	739,350
Salem, Mass	11	211,514	15,838	151	91,057	92,361	249,845
Salt Lake, Utah	7	174,688	9,662	143	108,016	89,897	227,647
San Antonio, Tex	4	254,000	7,297	131	92,600	97,145	279,055
San Francisco, Cal	97	4,787,785	326,549	2,796	2,377,152	2,801,666	6,445,443
Savannah, Ga	4	197,500	3,570	147	98,690	65,840	252,535
Scranton, Pa	5	2,184,345	117,960	985	488,824	518,452	1,296,705
Seattle, Wash	9	462,000	38,282	253	229,454	380,010	771,380
South Bend, Ind	4	66,638	4,169	84	45,706	120,105	187,300
Springfield, Ill	6	190,730	11,726	145	98,425	70,965	233,380
Springfield, Mass	13	1,130,204	62,292	562	338,412	663,750	1,236,944
Springfield, Mo	3	64,300	2,045	29	18,536	27,807	60,839
Springfield, Ohio	18	1,468,736	133,899	1,106	611,763	857,959	1,857,590
Syracuse, N. Y	28	1,426,333	92,539	814	490,145	532,457	1,379,900
Tacoma, Wash	4	200,650	9,607	152	136,376	74,090	285,000
Taunton, Mass	15	1,785,353	134,286	1,505	852,066	672,262	1,995,966
Terre Haute, Ind	7	288,450	8,178	154	82,657	94,970	216,100
Toledo, Ohio	16	571,820	30,483	566	323,063	505,630	966,628
Topeka, Kan	5	156,025	6,438	80	48,794	51,526	118,676
Trenton, N. J	17	1,680,385	76,677	1,171	606,612	904,242	1,777,874
Troy, N. Y	30	3,194,203	280,820	1,815	988,345	850,899	2,505,647
Utica, N. Y	11	665,092	106,664	448	246,496	339,382	771,616
Washington, D. C	16	447,033	16,187	311	172,297	211,915	505,400
Waterbury, Conn	14	591,243	20,501	527	359,603	263,282	732,052
Wheeling, W. Va	5	243,419	20,178	198	110,407	81,354	248,574
Wilkesbarre, Pa	10	720,735	18,018	307	162,335	339,337	617,832
Williamsport, Pa	11	528,249	13,402	359	194,263	185,939	470,601
Wilmington, Del	18	3,004,118	128,419	1,521	888,900	1,149,505	2,495,034
Woonsocket, R. I	10	381,180	19,656	264	153,666	157,228	374,050
Worcester, Mass	78	4,501,791	264,031	3,575	2,200,179	2,333,293	5,472,417
Yonkers, N. Y	13	1,221,124	125,532	426	301,958	487,446	1,090,920
York, Pa	6	374,140	25,035	387	205,404	219,129	506,813
Youngstown, Ohio	5	383,847	54,452	249	152,963	247,395	501,545
Zanesville, Ohio	5	479,623	20,391	253	139,524	123,001	323,128
All other cities (a)	20	993,875	41,664	838	505,123	560,541	1,275,073

a Embraces Altoona, Pa., 1; Augusta, Ga., 2; Fort Worth, Tex., 2; Johnstown, Pa., 1; Lincoln, Neb., 2; McKeesport, Pa., 1; Malden, Mass., 2; Pueblo, Colo., 2; Sioux city, Iowa, 2; Somerville, Mass., 2; Wichita, Kan., 2; Wilmington, N. C., 1.

19.—FURNISHING GOODS, MEN'S.

Total	548	11,330,591	2,241,021	20,817	7,114,785	14,325,318	28,064,304
Albany, N. Y	3	226,185	91,684	241	101,272	226,768	502,950
Baltimore, Md	32	383,706	220,500	1,036	296,583	769,376	1,492,300
Boston, Mass	16	518,769	43,735	541	197,652	417,971	759,028
Brooklyn, N. Y	22	174,607	8,895	481	165,313	239,684	478,682
Buffalo, N. Y	6	95,945	2,869	451	63,711	72,643	152,733
Charleston, S. C	8	16,255	1,270	35	7,335	15,695	32,470
Chicago, Ill	22	854,084	104,791	973	419,939	1,099,466	1,938,510
Cincinnati, Ohio	53	385,975	46,134	982	300,841	405,572	1,000,055
Detroit, Mich	4	201,100	27,147	292	95,816	227,420	434,500
Los Angeles, Cal	11	12,800	2,302	41	16,022	18,494	35,700
Lowell, Mass	4	166,875	10,174	148	62,801	120,955	244,370
Memphis, Tenn	3	3,340	2,030	31	7,900	6,300	21,900
Milwaukee, Wis	5	195,242	27,567	294	66,671	195,675	347,205
Minneapolis, Minn	3	33,400	891	43	19,664	42,166	72,630
New Orleans, La	10	109,050	5,795	358	73,650	204,304	355,395
Newport, Ky	3	3,270	501	25	7,931	6,200	15,950
New York, N. Y	149	2,762,790	392,539	5,528	2,649,330	5,018,361	9,362,394
Norfolk, Va	4	56,108	1,998	152	28,045	107,051	166,600
Philadelphia, Pa	67	1,366,138	249,166	1,406	520,572	1,579,581	2,356,367
Portland, Ore	3	6,140	2,295	33	16,950	22,450	48,600
Richmond, Va	4	107,370	8,387	232	57,118	129,292	214,660
Rochester, N. Y	9	273,350	19,240	239	103,250	241,690	477,000
St. Paul, Minn	3	66,235	1,682	62	25,710	65,686	113,400
San Francisco, Cal	33	1,242,593	67,845	1,082	466,307	1,519,130	2,398,362
Troy, N. Y	17	1,583,178	836,462	5,049	1,006,774	842,909	3,054,456
All other cities (a)	54	486,086	65,182	1,067	337,628	730,479	1,487,578

a Embraces Allentown, Pa., 1; Atlanta, Ga., 1; Binghamton, N. Y., 2; Brockton, Mass., 1; Chelsea, Mass., 2; Columbus, Ohio, 2; Davenport, Iowa, 1; Dayton, Ohio, 1; Denver, Colo., 1; Des Moines, Iowa, 1; Evansville, Ind., 1; Fort Worth, Tex., 1; Galveston, Tex., 2; Grand Rapids, Mich., 1; Houston, Tex., 1; Jersey city, N. J., 1; Kansas city, Mo., 2; Lewiston, Me., 1; Lincoln, Neb., 1; Lynn, Mass., 1; Malden, Mass., 1; Nashville, Tenn., 2; Newark, N. J., 2; New Haven, Conn., 1; Portland, Me., 1; Reading, Pa., 2; Rockford, Ill., 1; Sacramento, Cal., 2; Saginaw, Mich., 1; St. Joseph, Mo., 2; St. Louis, Mo., 1; San Antonio, Tex, 1; Springfield, Mass, 1; Syracuse, N. Y., 2; Toledo, Ohio, 1; Utica, N. Y., 1; Wichita, Kan., 1; Williamsport, Pa., 2; Worcester, Mass., 1; Yonkers, N. Y., 2; York, Pa., 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

20.—FURNITURE, CHAIRS.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	139	$6,156,778	$488,937	6,240	$2,834,296	$3,482,317	$8,325,027
Baltimore, Md	4	352,637	23,805	270	103,596	388,150	585,030
Binghamton, N. Y	4	203,700	8,640	180	83,889	103,250	283,000
Boston, Mass	8	148,645	18,606	124	77,655	148,165	273,775
Brooklyn, N. Y	5	113,924	10,829	81	51,759	93,742	299,040
Chicago, Ill	8	527,103	52,070	589	366,656	180,205	669,060
Cincinnati, Ohio	11	176,875	15,236	314	135,822	87,965	280,725
Indianapolis, Ind	5	247,248	21,052	461	155,539	90,748	332,000
Milwaukee, Wis	3	174,525	29,036	141	71,979	51,500	195,080
Newport, Ky	5	8,765	818	15	8,846	8,150	19,750
New York, N. Y	14	449,580	42,555	371	248,188	450,158	951,375
Philadelphia, Pa	15	410,304	25,308	308	177,908	331,471	695,444
Rochester, N. Y	6	351,068	33,573	485	177,400	291,467	583,500
St. Louis, Mo	6	819,863	34,871	815	409,683	262,540	831,437
San Francisco, Cal	3	37,050	4,734	43	26,236	24,326	62,600
All other cities (a)	42	2,135,491	167,804	2,093	799,140	970,480	2,352,211

a Embraces Akron, Ohio, 1; Allegheny, Pa., 1; Allentown, Pa., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Canton, Ohio, 2; Chelsea, Mass., 1; Cleveland, Ohio, 1; Columbus, Ohio, 1; Dallas, Tex., 2; Dayton, Ohio, 1; Denver, Colo., 1; Detroit, Mich., 2; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Joliet, Ill., 1; Kingston, N. Y., 1; Louisville, Ky., 2; Minneapolis, Minn., 1; New Albany, Ind., 1; Newburg, N. Y., 2; New Haven, Conn., 2; Omaha, Neb., 1; Oshkosh, Wis., 1; Pittsburg, Pa., 2; Poughkeepsie, N. Y., 2; Quincy, Ill., 1; Reading, Pa., 1; Rockford, Ill., 1; Toledo, Ohio, 2; Worcester, Mass., 1.

21.—FURNITURE, FACTORY PRODUCT.

Total	1,058	49,947,274	3,999,803	47,289	27,247,285	30,832,336	74,966,537
Allentown, Pa	7	451,942	18,054	452	176,374	164,022	428,855
Atlanta, Ga	4	345,143	13,683	393	203,256	231,737	540,628
Baltimore, Md	22	869,807	50,957	1,101	544,190	644,861	1,471,389
Boston, Mass	88	2,161,052	221,029	2,125	1,327,603	1,914,338	4,082,476
Bridgeport, Conn	3	50,400	1,869	22	16,898	44,829	72,000
Brooklyn, N. Y	27	659,092	59,189	893	647,964	845,283	1,807,177
Buffalo, N. Y	22	1,175,037	71,215	1,130	612,212	661,085	1,587,267
Burlington, Iowa	7	250,010	20,528	279	117,845	142,688	323,975
Cambridge, Mass	11	364,398	58,652	636	425,349	227,599	756,740
Chattanooga, Tenn	3	396,042	28,332	264	113,180	137,870	339,375
Chicago, Ill	149	7,567,730	520,163	7,706	4,459,959	5,419,179	12,922,290
Cincinnati, Ohio	62	3,955,978	263,580	3,134	1,656,855	1,448,070	4,208,974
Cleveland, Ohio	18	305,747	19,967	323	168,543	523,777	823,157
Columbus, Ohio	5	367,251	13,345	220	118,513	104,695	258,288
Dayton, Ohio	4	193,134	6,831	180	82,853	60,889	183,361
Denver, Colo	5	169,450	17,310	115	106,684	122,513	307,761
Detroit, Mich	16	319,883	28,237	669	355,125	287,947	792,656
Dubuque, Iowa	3	145,713	7,290	88	35,212	31,785	80,809
Evansville, Ind	9	594,945	39,123	656	273,263	350,374	790,386
Grand Rapids, Mich	31	5,425,924	462,561	4,347	2,145,467	2,270,244	5,638,916
Indianapolis, Ind	21	1,214,518	98,405	1,163	578,384	921,457	1,920,661
Jersey city, N. J	3	64,200	2,029	62	40,628	26,928	85,250
Kansas city, Mo	7	231,075	12,638	158	98,480	168,630	350,000
Knoxville, Tenn	5	136,050	4,205	198	54,094	79,439	151,291
Louisville, Ky	12	609,144	36,835	621	272,126	246,237	707,352
Macon, Ga	4	116,500	3,510	119	42,012	44,000	117,500
Milwaukee, Wis	16	897,936	128,964	893	430,498	625,054	1,313,489
Minneapolis, Minn	9	657,303	55,883	503	244,151	240,251	807,166
Muskegon, Mich	3	230,512	17,094	273	125,779	140,998	314,014
Nashville, Tenn	4	397,586	19,413	456	206,824	184,998	494,500
Newark, N. J	7	160,124	10,179	141	85,320	53,344	171,936
New Orleans, La	5	103,310	7,424	95	47,754	53,747	144,157
New York, N. Y	187	5,847,483	692,974	6,491	4,947,135	4,767,107	12,540,215
Oshkosh, Wis	3	490,626	43,814	444	115,100	222,771	552,525
Philadelphia, Pa	79	3,287,287	236,694	2,589	1,636,886	1,941,180	4,812,913
Pittsburg, Pa	5	98,659	13,948	95	66,203	123,273	240,647
Portland, Me	5	137,700	5,727	107	66,383	120,100	230,000
Portland, Ore	8	481,362	59,554	353	274,724	558,596	1,159,125
Providence, R. I	4	62,050	7,788	95	68,664	30,520	126,500
Quincy, Ill	3	15,250	1,092	23	10,000	16,300	36,300
Richmond, Va	3	110,000	6,829	102	59,998	46,304	133,724
Rochester, N. Y	17	908,968	58,930	803	379,546	422,678	1,018,772
Rockford, Ill	9	850,141	47,241	981	457,636	385,693	1,084,993
Saginaw, Mich	4	254,675	14,181	276	110,811	70,637	221,905
St. Louis, Mo	33	1,951,512	159,787	1,563	903,908	1,465,219	2,961,404
St. Paul, Minn	5	244,865	14,830	209	132,142	145,924	351,720
San Francisco, Cal	24	769,692	63,827	649	481,006	381,447	1,166,604
Syracuse, N. Y	8	226,386	8,137	227	105,114	116,700	263,180
Toledo, Ohio	7	268,902	19,906	318	176,482	163,260	488,000
Trenton, N. J	3	57,400	2,333	48	25,434	17,551	49,150
Williamsport, Pa	4	705,922	74,979	528	234,658	260,180	668,410
All other cities (a)	55	2,590,258	148,048	2,033	1,181,460	1,158,928	2,867,154

a Embraces Allegheny, Pa., 2; Altoona, Pa., 1; Binghamton, N. Y., 2; Canton, Ohio, 2; Chelsea, Mass., 1; Cohoes, N. Y., 1; Covington, Ky., 1; Dallas, Tex., 2; Davenport, Iowa, 1; Des Moines, Iowa, 1; Erie, Pa., 1; Fitchburg, Mass., 1; Fort Wayne, Ind., 1; Hartford, Conn., 2; Lancaster, Pa., 2; Lawrence, Mass., 1; Little Rock, Ark., 1; Los Angeles, Cal., 2; Lowell, Mass., 2; Lynn, Mass., 2; Malden, Mass., 1; Manchester, N. H., 1; Memphis, Tenn., 1; New Albany, Ind., 2; New Bedford, Mass., 1; Newport, Ky., 2; Oakland, Cal., 1; Omaha, Neb., 2; Paterson, N. J., 1; Racine, Wis., 1; Reading, Pa., 1; Sacramento, Cal., 2; St. Joseph, Mo., 1; Seattle, Wash., 1; Somerville, Mass., 2; Springfield, Ohio, 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Troy, N. Y., 1; Utica, N. Y., 1; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

22.—HARDWARE.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	236	$13,363,165	$1,753,762	11,628	$5,894,744	$5,893,503	$16,295,208
Albany, N. Y	3	41,200	1,855	29	8,655	26,790	71,800
Boston, Mass	9	123,275	10,563	81	52,161	53,374	134,555
Bridgeport, Conn	7	383,346	24,621	316	196,171	206,394	462,700
Brooklyn, N. Y	19	586,945	48,877	631	368,509	263,026	798,419
Buffalo, N. Y	5	204,384	8,760	371	157,151	87,515	339,853
Chicago, Ill	27	2,183,595	268,414	1,704	946,988	1,049,904	2,724,968
Cleveland, Ohio	11	556,385	21,962	553	220,434	376,319	697,190
Lancaster, Pa	3	49,100	2,255	76	27,650	34,279	72,562
Newark, N. J	19	319,697	20,601	401	201,035	129,676	440,316
New Haven, Conn	14	1,563,671	398,556	829	494,603	638,057	2,426,907
New York, N. Y	23	1,018,987	97,602	871	564,187	380,749	1,304,595
Philadelphia, Pa	27	1,704,778	64,841	1,624	789,613	582,194	1,932,761
Reading, Pa	3	1,188,052	25,604	1,151	453,873	420,863	1,057,282
Rochester, N. Y	5	385,273	24,235	283	144,611	98,978	308,527
Syracuse, N. Y	3	287,824	27,417	206	80,273	123,673	279,168
Waterbury, Conn	3	277,293	19,608	440	190,519	246,629	512,773
Worcester, Mass	5	279,274	22,133	225	129,304	70,700	264,489
All other cities (a)	50	2,210,086	165,858	1,837	869,007	1,049,383	2,466,343

a Embraces Allegheny, Pa., 2; Allentown, Pa., 1; Auburn, N. Y., 1; Cambridge, Mass., 1; Camden, N. J., 2; Canton, Ohio, 1; Cincinnati, Ohio, 2; Cohoes, N. Y., 1; Columbus, Ohio, 2; Des Moines, Iowa, 1; Detroit, Mich., 1; Dubuque, Iowa, 1; Elmira, N. Y., 1; Fitchburg, Mass., 1; Jersey city, N. J., 1; Joliet, Ill., 1; Lawrence, Mass., 1; Louisville, Ky., 1; Lynn, Mass., 1; Meriden, Conn., 2; Milwaukee, Wis., 2; Oakland, Cal., 1; Oswego, N. Y., 2; Pawtucket, R. I., 1; Portland, Me., 2; Providence, R. I., 2; Quincy, Ill., 1; Racine, Wis., 1; Rockford, Ill., 1; St. Louis, Mo., 2; Salem, Mass., 1; Somerville, Mass., 1; Springfield, Mass., 2; Springfield, Ohio, 1; Trenton, N. J., 1; Troy, N. Y., 2; Wheeling, W. Va., 1; Wichita, Kan., 1.

23.—HATS AND CAPS, NOT INCLUDING WOOL HATS.

Total	603	8,720,902	1,071,723	15,386	8,130,012	9,828,554	22,483,857
Baltimore, Md	18	724,457	86,672	843	305,072	607 580	1,261,523
Boston, Mass	31	279,932	59,422	632	353,628	364,347	931,621
Brooklyn, N. Y	40	767,518	40,942	1,331	880,066	649,635	2,031,519
Buffalo, N. Y	5	15,550	2,295	40	18,518	14,629	51,300
Chicago, Ill	19	116,872	17,635	206	117,428	112,276	327,925
Cincinnati, Ohio	14	32,525	6,709	97	39,195	31,884	100,433
Cleveland, Ohio	9	126,790	9,858	295	107,748	191,970	376,975
Detroit, Mich	5	4,310	1,409	28	12,722	7,253	26,750
Milwaukee, Wis	9	240,266	20,363	344	119,917	188,148	363,496
Newark, N. J	50	1,064,689	112,534	2,938	1,452,854	1,422,022	3,506,976
New Orleans, La	3	5,310	669	4	1,600	955	4,160
Newport, Ky	3	1,065	342	7	2,822	1,990	5,800
New York, N. Y	217	1,655,563	210,767	3,812	2,448,312	3,308,073	6,777,183
Philadelphia, Pa	85	2,453,022	337,872	2,209	1,099,926	1,507,271	3,338,220
Pittsburg, Pa	3	11,550	3,356	27	13,529	4,160	24,400
Rochester, N. Y	4	2,781	710	10	3,410	2,360	7,863
St. Louis, Mo	8	39,304	4,260	101	58,238	59,028	135,352
San Francisco, Cal	16	80,125	8,261	129	71,613	72,119	179,077
Troy, N. Y	3	5,900	1,490	17	6,755	8,907	19,580
Yonkers, N. Y	3	735,245	110,536	1,199	557,506	719,449	1,741,544
All other cities (a)	58	358,128	35,621	1,117	459,153	554,498	1,222,100

a Embraces Albany, N. Y., 1; Allentown, Pa., 1; Atlanta, Ga., 1; Binghamton, N. Y., 1; Brockton, Mass., 2; Cambridge, Mass., 1; Camden, N. J., 1; Chester, Pa., 1; Dallas, Tex., 1; Davenport, Iowa, 1; Dayton, Ohio, 1; Des Moines, Iowa, 2; Duluth, Minn., 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Evansville, Ind., 1; Fall River, Mass., 1; Grand Rapids, Mich., 2; Hartford, Conn., 1; Haverhill, Mass., 1; Hoboken, N. J., 2; Jersey city, N. J., 1; Kansas city, Mo., 1; Lewiston, Me., 1; Los Angeles, Cal., 1; Lynn, Mass., 1; Minneapolis, Minn., 1; New Bedford, Mass., 1; Newburg, N. Y., 2; New Haven, Conn., 2; Omaha, Neb., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Petersburg, Va., 1; Portland, Me., 2; Portland, Ore., 2; Providence, R. I., 2; Savannah, Ga., 1; Scranton, Pa., 1; Somerville, Mass., 1; Syracuse, N. Y., 2; Toledo, Ohio, 2; Washington, D. C., 2; Wheeling, W. Va., 1; Worcester, Mass., 1; York, Pa., 1.

24.—HOSIERY AND KNIT GOODS.

Total	448	22,297,147	1,764,757	32,289	9,634,722	18,786,603	35,499,930
Albany, N. Y	3	79,712	3,170	104	25,222	66,316	117,151
Allentown, Pa	5	40,115	1,782	159	20,896	32,352	66,916
Baltimore, Md	5	5,552	219	10	2,576	4,357	9,631
Boston, Mass	10	147,813	17,856	570	154,613	142,530	402,507
Brooklyn, N. Y	15	592,420	22,012	670	180,243	443,667	887,386
Chicago, Ill	19	275,840	25,437	666	218,092	274,615	596,977
Cincinnati, Ohio	16	568,970	27,519	763	202,370	403,120	750,875
Cleveland, Ohio	8	153,545	9,792	265	67,945	131,605	241,550
Cohoes, N. Y	20	3,883,156	323,255	4,126	1,383,788	2,798,577	5,058,882
Dayton, Ohio	3	1,242	370	10	1,950	5,475	11,300
Hartford, Conn	3	144,426	9,254	170	40,783	57,465	120,000
Lowell, Mass	5	754,797	71,864	713	231,563	331,591	731,413
Milwaukee, Wis	14	874,323	63,439	1,716	204,662	617,520	1,114,025
New Orleans, La	3	106,600	2,480	284	51,841	58,202	151,180
New York, N. Y	27	619,875	55,336	1,278	429,284	673,140	1,447,198
Pawtucket, R. I	7	636,309	11,516	440	129,302	543,532	745,712
Philadelphia, Pa	178	7,830,196	654,926	12,037	4,025,709	7,710,256	14,932,981
Providence, R. I	4	291,250	17,452	487	139,492	256,004	497,100
Rockford, Ill	3	742,086	30,232	768	245,393	544,666	1,026,221
St. Louis, Mo	7	33,247	3,803	125	34,477	30,524	81,445

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

24.—HOSIERY AND KNIT GOODS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Salt Lake, Utah	3	$22,600	$856	49	$13,250	$22,350	$43,500
Syracuse, N. Y	4	83,824	8,575	568	67,122	148,965	246,000
Toledo, Ohio	3	163,500	21,880	430	105,600	134,428	237,445
Troy, N. Y	5	645,500	55,092	769	281,751	456,373	846,542
Utica, N. Y	6	603,608	30,678	724	188,784	360,851	715,178
All other cities (a)	63	2,996,641	295,962	3,788	1,098,014	2,538,122	4,420,815

a Embraces Auburn, N. Y., 2; Bridgeport, Conn., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Camden, N. J., 1; Columbus, Ohio, 1; Covington, Ky., 1; Denver, Colo., 2; Des Moines, Iowa, 1; Detroit, Mich., 1; Dubuque, Iowa, 1; Elmira, N. Y., 1; Erie, Pa., 1; Grand Rapids, Mich., 1; Holyoke, Mass., 1; Indianapolis, Ind., 1; Jersey city, N. J., 1; Joliet, Ill., 1; Lacrosse, Wis., 1; Lexington, Ky., 1; Lincoln, R. I., 1; Lynn, Mass., 1; Macon, Ga., 2; Malden, Mass., 2; Manchester, N. H., 2; Minneapolis, Minn., 1; New Albany, Ind., 1; Newton, Mass., 2; Norfolk, Va., 1; Oswego, N. Y., 2; Paterson, N. J., 2; Peoria, Ill., 1; Petersburg, Va., 1; Pittsburg, Pa., 1; Poughkeepsie, N. Y., 2; Racine, Wis., 1; Reading, Pa., 2; Rochester, N. Y., 2; San Francisco, Cal., 2; Scranton, Pa., 1; South Bend, Ind., 1; Springfield, Ill., 1; Springfield, Mass., 2; Trenton, N. J., 1; Wheeling, W. Va., 1; Woonsocket, R. I., 2; Worcester, Mass., 1; Yonkers, N. Y., 1.

25.—IRONWORK, ARCHITECTURAL AND ORNAMENTAL.

Total	639	17,131,793	1,164,779	15,251	10,077,170	14,430,839	30,361,584
Albany, N. Y	4	161,200	2,162	89	46,760	50,910	130,990
Allegheny, Pa	8	89,679	5,443	101	60,815	80,320	164,154
Baltimore, Md	5	92,508	1,993	91	53,313	58,643	150,788
Boston, Mass	20	571,873	39,395	527	351,265	554,733	1,113,591
Brooklyn, N. Y	51	871,395	36,270	932	643,360	1,036,416	1,969,401
Buffalo, N. Y	5	210,300	4,874	125	77,057	313,998	441,700
Camden, N. J	3	35,502	1,046	23	13,870	23,902	47,001
Chicago, Ill	90	3,252,798	272,180	2,427	1,643,507	2,345,209	5,018,159
Cincinnati, Ohio	20	468,760	29,465	561	341,196	371,523	896,202
Cleveland, Ohio	8	94,647	7,837	141	90,515	101,337	242,266
Columbus, Ohio	7	85,450	8,009	123	73,506	163,383	315,390
Covington, Ky	3	6,300	1,254	19	13,350	17,050	41,750
Dayton, Ohio	7	227,045	9,995	187	91,857	198,339	322,650
Denver, Colo	11	134,750	12,927	158	129,151	124,844	312,660
Des Moines, Iowa	3	71,600	2,455	42	23,760	25,370	72,550
Detroit, Mich	6	149,310	9,947	138	85,423	122,543	264,815
Dubuque, Iowa	3	5,800	1,517	20	16,000	29,175	48,500
Evansville, Ind	3	105,830	1,466	62	25,544	41,663	111,095
Indianapolis, Ind	7	179,554	6,175	208	119,448	159,275	346,627
Jersey city, N. J	3	44,200	1,044	55	45,182	53,130	137,000
Kansas city, Mo	9	204,950	15,871	184	115,585	123,500	336,500
Lancaster, Pa	3	40,850	1,670	35	17,450	22,475	42,453
Lincoln, Neb	3	20,225	275	35	21,485	17,539	55,000
Los Angeles, Cal	4	31,135	1,054	47	46,994	31,548	80,707
Louisville, Ky	7	585,016	40,305	441	250,339	416,141	776,320
Milwaukee, Wis	9	591,035	26,225	230	156,317	344,718	601,482
Minneapolis, Minn	7	296,859	6,933	243	154,464	602,080	887,780
Newark, N. J	4	16,325	2,475	28	15,146	13,799	46,400
New Orleans, La	9	85,550	5,898	94	55,579	45,791	131,568
New York, N. Y	80	2,322,930	258,368	2,958	2,084,658	2,593,533	5,502,303
Oakland, Cal	3	26,250	2,729	21	16,480	15,405	35,950
Omaha, Neb	5	116,866	6,298	103	82,272	99,727	231,240
Paterson, N. J	3	130,900	7,487	176	92,848	165,210	321,613
Philadelphia, Pa	49	1,132,014	65,433	970	608,640	879,748	1,852,212
Pittsburg, Pa	6	315,296	18,782	238	156,805	360,968	627,223
Providence, R. I	4	67,665	3,960	79	46,315	61,994	120,084
Reading, Pa	4	44,175	1,022	28	14,812	15,546	35,960
Richmond, Va	3	48,894	5,133	71	40,088	45,578	113,400
Rochester, N. Y	6	115,135	17,132	164	93,750	119,482	256,500
St. Joseph, Mo	4	94,675	27,285	107	58,195	75,940	205,300
St. Louis, Mo	23	1,732,748	82,019	1,015	644,127	880,039	2,023,526
San Francisco, Cal	15	390,675	30,553	297	241,638	359,109	783,717
Scranton, Pa	3	21,800	998	19	9,119	15,800	36,600
Seattle, Wash	5	46,825	3,052	72	78,489	61,500	173,500
Sioux city, Iowa	3	23,869	1,947	17	13,388	14,525	41,500
Tacoma, Wash	4	100,300	3,080	99	104,752	50,740	222,500
Toledo, Ohio	3	10,600	1,055	22	13,018	6,785	24,250
Topeka, Kan	3	42,040	1,614	24	15,693	37,960	64,300
Trenton, N. J	3	33,275	919	36	21,060	8,877	63,673
Washington, D. C	12	398,455	10,175	321	194,910	250,936	464,360
Wichita, Kan	3	57,463	5,504	49	30,710	49,265	122,968
Wilmington, Del	3	7,661	1,619	17	7,870	4,990	12,962
All other cities (a)	70	1,120,776	51,855	982	629,205	767,819	1,920,444

a Embraces Allentown, Pa., 1; Atlanta, Ga., 2; Bridgeport, Conn., 1; Cambridge, Mass., 1; Charleston, S. C., 2; Chattanooga, Tenn., 1; Council Bluffs, Iowa, 1; Dallas, Tex., 2; Duluth, Minn., 2; Elizabeth, N. J., 1; Erie, Pa., 2; Fort Wayne, Ind., 1; Fort Worth, Tex., 2; Grand Rapids, Mich., 1; Hoboken, N. J., 2; Houston, Tex., 1; Kansas city, Kan., 1; Knoxville, Tenn., 1; Lacrosse, Wis., 1; Lexington, Ky., 1; Little Rock, Ark., 1; Long Island city, N. Y., 2; Lowell, Mass., 1; Memphis, Tenn., 1; Nashville, Tenn., 1; New Albany, Ind., 1; New Haven, Conn., 2; Norfolk, Va., 1; Oswego, N. Y., 1; Peoria, Ill., 1; Portland, Me., 2; Portland, Ore., 1; Pueblo, Colo., 2; Quincy, Ill., 2; Sacramento, Cal., 1; Saginaw, Mich., 2; St. Paul, Minn., 2; Salt Lake, Utah, 1; San Antonio, Tex., 2; Springfield, Ill., 1; Springfield, Mass., 1; Springfield, Mo., 2; Springfield, Ohio., 2; Syracuse, N. Y., 1; Terra Haute, Ind., 1; Utica, N. Y., 2; Wilkesbarre, Pa., 2; Worcester, Mass., 1; Yonkers, N. Y., 1; Youngstown, Ohio., 1; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

26.—JEWELRY.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	666	$18,132,049	$1,088,804	12,166	$8,224,695	$14,453,777	$29,596,171
Baltimore, Md	8	249,335	7,415	77	53,385	138,658	260,650
Boston, Mass	20	361,696	25,662	413	240,028	256,612	661,300
Brooklyn, N. Y	12	576,334	15,136	298	216,931	963,682	1,323,234
Buffalo, N. Y	4	106,650	2,167	112	70,434	100,701	220,000
Chicago, Ill	20	271,375	48,376	330	278,331	439,529	873,000
Cincinnati, Ohio	8	1,079,650	34,814	344	217,700	848,175	1,317,000
Cleveland, Ohio	10	155,590	9,453	109	65,950	104,571	249,976
Columbus, Ohio	3	5,925	462	17	9,026	6,345	18,800
Denver, Colo	4	86,675	9,630	29	29,555	46,912	116,400
Kansas city, Mo	3	38,750	3,177	31	26,682	27,750	62,500
Louisville, Ky	4	30,535	2,402	35	19,308	33,451	64,183
Milwaukee, Wis	3	57,200	2,617	28	19,724	43,880	87,200
Newark, N. J	70	3,203,815	172,026	1,967	1,393,505	2,322,013	4,631,500
New Orleans, La	3	53,540	3,025	20	18,520	8,042	42,000
New York, N. Y	163	2,610,485	218,802	1,947	1,602,001	2,325,347	5,646,734
Omaha, Neb	6	11,725	12,434	45	55,630	34,320	137,500
Pawtucket, R. I	6	103,070	19,506	108	46,361	55,092	132,881
Philadelphia, Pa	39	2,089,648	112,544	1,038	630,629	1,856,712	3,130,596
Portland, Ore	4	59,600	5,130	32	33,094	41,400	92,654
Providence, R. I	170	5,935,651	306,624	4,380	2,581,947	3,220,702	7,801,003
Reading, Pa	3	33,750	394	16	8,280	6,065	19,500
Rochester, N. Y	4	118,500	6,872	27	20,510	67,175	126,000
St. Louis, Mo	10	132,200	18,272	178	131,422	158,298	385,040
San Francisco, Cal	40	431,928	24,391	280	253,119	1,093,976	1,512,571
Seattle, Wash	3	8,950	1,171	12	13,440	8,600	32,800
Syracuse, N. Y	5	16,025	890	13	7,150	6,871	18,309
Washington, D. C	9	45,338	3,582	52	27,512	22,580	69,700
All other cities (a)	32	259,909	22,430	219	154,521	216,318	554,140

a Embraces Albany, N. Y., 1; Dallas, Tex., 2; Davenport, Iowa, 1; Des Moines, Iowa, 2; Detroit, Mich., 2; Houston, Tex., 2; Indianapolis, Ind., 1; Little Rock, Ark., 2; Memphis, Tenn., 1; Minneapolis, Minn., 1; Nashville, Tenn., 1; Newburg, N. Y., 2; Oakland, Cal., 1; Peoria, Ill., 1; Pittsburg, Pa., 2; Quincy, Ill., 1; Racine, Wis., 1; Sacramento, Cal., 1; Savannah, Ga., 1; Springfield, Mass., 1; Trenton, N. J., 2; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Worcester, Mass., 1.

27.—LEATHER, TANNED AND CURRIED.

Total	386	34,231,381	1,637,195	13,586	7,830,835	43,178,127	58,268,152
Albany, N. Y	3	36,300	1,281	13	8,586	37,802	51,850
Allegheny, Pa	9	2,013,276	80,835	543	294,717	2,693,748	3,418,578
Allentown, Pa	3	18,700	457	6	2,600	17,590	21,195
Baltimore, Md	12	263,788	11,586	205	90,185	335,798	455,818
Boston, Mass	12	164,471	12,566	188	122,365	394,534	586,327
Brooklyn, N. Y	7	486,589	34,057	281	161,726	577,275	819,181
Buffalo, N. Y	8	2,009,816	121,380	629	312,438	1,698,625	2,390,400
Cambridge, Mass	3	42,700	3,143	73	45,960	300,450	369,000
Chelsea, Mass	3	29,800	1,285	22	14,943	63,450	80,060
Chicago, Ill	21	4,530,250	139,858	1,739	1,073,702	5,144,914	7,395,371
Cincinnati, Ohio	21	3,242,185	146,406	935	539,353	3,139,687	4,142,545
Detroit, Mich	5	538,150	26,245	129	66,327	453,748	643,440
Lancaster, Pa	8	165,501	6,573	85	36,685	341,434	441,426
Louisville, Ky	15	2,352,954	105,530	502	286,294	2,334,176	3,139,778
Lynn, Mass	3	148,000	7,427	145	81,526	402,496	552,730
Milwaukee, Wis	14	4,910,919	300,322	1,767	1,001,915	6,712,113	8,420,814
New Albany, Ind	6	225,558	8,182	115	59,024	457,634	586,940
Newark, N. J	21	947,549	48,901	644	418,060	1,538,894	2,276,716
New Orleans, La	4	35,060	625	20	12,369	44,889	69,131
New York, N. Y	12	480,290	19,931	138	109,740	885,627	1,214,150
Oakland, Cal	3	119,118	6,940	36	24,548	242,755	303,956
Pawtucket, R. I	4	183,634	11,451	38	25,983	169,520	225,890
Philadelphia, Pa	30	1,176,565	59,005	582	370,328	1,235,112	1,842,099
Portland, Me	3	158,553	10,330	88	43,304	308,741	404,990
Racine, Wis	4	204,000	10,830	99	57,844	592,705	706,000
Richmond, Va	4	98,531	9,068	92	45,903	183,789	282,060
St. Louis, Mo	15	682,753	25,054	323	192,101	1,104,737	1,502,680
Salem, Mass	24	1,157,798	58,106	686	376,164	1,279,366	1,835,341
San Francisco, Cal	37	1,460,945	98,600	623	437,441	2,170,392	2,918,419
Wheeling, W. Va	3	184,313	673	79	40,560	361,807	414,923
Williamsport, Pa	3	564,541	15,960	142	68,196	552,557	741,143
Worcester, Mass	3	218,650	8,888	72	47,180	307,959	487,243
All other cities (a)	63	5,431,214	245,682	2,547	1,362,777	6,953,803	9,482,958

a Embraces Binghamton, N. Y., 2; Bridgeport, Conn., 1; Chattanooga, Tenn., 1; Cleveland, Ohio, 2; Columbus, Ohio, 2; Davenport, Iowa, 1; Dayton, Ohio, 1; Denver, Colo., 1; Duluth, Minn., 1; Elmira, N. Y., 2; Erie, Pa., 2; Evansville, Ind., 1; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Haverhill, Mass., 1; Jersey city, N. J., 2; Joliet, Ill., 1; Kansas city, Kan., 1; Lacrosse, Wis., 1; Lincoln, Neb., 1; Lincoln, R. I., 2; Lowell, Mass., 2; Malden, Mass., 1; Manchester, N. H., 2; Minneapolis, Minn., 2; Nashville, Tenn., 1; New Bedford, Mass., 1; New Haven, Conn., 1; Oswego, N. Y., 1; Pittsburg, Pa., 2; Portland, Ore., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Reading, Pa., 2; Rochester, N. Y., 2; Rockford, Ill., 1; Saginaw, Mich., 1; Salt Lake, Utah, 2; San Antonio, Tex., 2; Springfield, Ohio, 1; Troy, N. Y., 1; Wilmington, Del., 2; York, Pa., 1; Zanesville, Ohio, 2,

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

28.—LIQUORS, MALT.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	728	$205,015,679	$42,557,762	29,442	$24,791,630	$56,479,147	$161,020,213
Albany, N. Y	12	2,957,794	586,358	432	422,314	711,215	2,079,617
Allegheny, Pa	4	1,092,663	437,115	183	160,241	307,534	1,179,664
Allentown, Pa	3	236,000	47,727	33	27,620	82,462	169,000
Altoona, Pa	5	170,099	27,582	39	24,860	41,917	146,869
Auburn, N. Y	3	432,100	27,711	33	21,186	33,410	103,736
Baltimore, Md	24	4,455,671	947,363	596	490,862	1,221,136	3,429,657
Boston, Mass	19	5,479,626	1,143,692	818	757,255	1,776,607	4,599,142
Bridgeport, Conn	4	316,389	59,942	44	38,710	102,891	249,000
Brooklyn, N. Y	37	12,406,842	3,128,527	1,800	1,910,282	4,412,068	12,004,529
Buffalo, N. Y	19	5,357,413	1,028,824	583	439,343	1,235,056	3,274,376
Chicago, Ill	34	16,206,563	2,533,047	2,051	1,442,804	3,415,306	10,223,718
Cincinnati, Ohio	24	11,948,743	1,867,925	1,732	1,498,605	2,400,317	7,454,417
Cleveland, Ohio	16	3,580,545	710,384	516	446,372	897,791	3,011,555
Columbus, Ohio	3	1,023,000	264,838	213	152,700	278,532	902,699
Davenport, Iowa	5	443,700	65,281	62	44,620	88,489	279,700
Dayton, Ohio	9	862,125	140,272	158	123,019	248,940	619,148
Detroit, Mich	24	2,099,587	382,867	409	304,197	506,145	1,506,799
Dubuque, Iowa	4	307,039	68,506	76	54,390	144,523	317,325
Erie, Pa	4	405,646	69,596	73	54,016	173,540	346,449
Evansville, Ind	3	429,600	140,814	158	117,578	191,777	520,000
Grand Rapids, Mich	7	413,802	59,849	100	68,491	87,419	247,795
Harrisburg, Pa	3	167,611	18,070	23	15,344	37,316	92,981
Hartford, Conn	3	207,586	60,182	37	23,954	148,251	301,699
Jersey city, N. J	3	585,195	51,156	47	41,060	102,037	259,498
Johnstown, Pa	4	105,322	19,807	25	17,992	40,208	93,386
Kingston, N. Y	4	190,158	33,761	29	21,532	45,194	149,072
Lacrosse, Wis	6	799,837	214,891	191	117,743	235,385	651,337
Lancaster, Pa	4	279,000	51,130	70	43,405	101,228	256,000
Louisville, Ky	21	2,783,491	670,835	403	327,317	617,421	2,003,822
Milwaukee, Wis	9	13,034,727	2,952,563	2,188	1,299,512	3,567,849	10,810,695
Minneapolis, Minn	5	1,132,049	154,096	188	144,322	261,735	686,000
New Albany, Ind	3	114,650	22,045	39	25,664	37,900	118,100
Newark, N. J	17	5,490,473	1,547,925	927	955,395	2,496,796	6,901,297
New Haven, Conn	7	549,277	133,222	114	99,348	188,563	528,740
New Orleans, La	8	3,188,232	839,331	282	270,884	592,562	1,905,760
New York, N. Y	52	28,653,206	8,211,734	3,344	3,580,548	8,187,430	23,926,955
Omaha, Neb	4	1,166,680	176,316	123	113,784	299,401	865,993
Oshkosh, Wis	4	159,788	21,634	34	18,456	36,479	96,240
Oswego, N. Y	3	111,400	22,452	25	18,090	36,015	112,159
Paterson, N. J	6	1,865,889	434,334	177	162,101	432,989	1,292,247
Peoria, Ill	4	863,496	148,304	86	65,628	115,177	424,273
Philadelphia, Pa	76	16,335,750	2,620,035	1,910	1,635,241	3,694,153	10,506,692
Pittsburg, Pa	13	2,927,720	807,702	442	345,572	672,928	2,290,923
Portland, Ore	3	673,905	137,718	68	65,600	143,563	533,348
Poughkeepsie, N. Y	3	412,200	20,569	23	12,980	45,524	113,825
Quincy, Ill	5	580,504	106,859	126	78,060	140,679	398,140
Racine, Wis	3	180,050	22,541	23	15,300	34,391	92,520
Reading, Pa	3	569,100	98,280	61	56,914	132,815	368,570
Rochester, N. Y	10	6,455,414	1,027,532	434	381,177	1,172,000	3,004,930
Sacramento, Cal	5	379,475	87,139	74	61,449	92,871	283,696
Saginaw, Mich	5	205,300	48,081	52	37,594	62,655	199,192
St. Joseph, Mo	4	362,807	61,077	96	72,838	115,951	297,810
St. Louis, Mo	8	15,910,417	2,936,172	2,870	2,278,194	6,289,053	16,185,560
St. Paul, Minn	9	1,437,950	167,840	174	111,790	227,459	738,840
San Antonio, Tex	4	922,500	284,806	195	147,623	278,807	903,727
San Francisco, Cal	19	4,376,501	760,426	542	545,323	919,735	2,896,054
Scranton, Pa	3	471,700	107,439	95	66,140	289,580	593,390
Seattle, Wash	3	722,000	84,850	104	101,600	236,250	564,400
Syracuse, N. Y	11	1,681,798	330,257	342	260,364	581,115	1,535,985
Toledo, Ohio	5	1,785,757	324,007	265	223,674	635,230	1,605,859
Troy, N. Y	9	1,752,204	319,688	235	171,800	353,214	1,192,137
Utica, N. Y	9	394,346	103,804	117	95,803	161,056	401,001
Washington, D. C	5	836,434	173,413	120	82,422	205,017	853,800
Wheeling, W. Va	5	824,593	186,411	177	116,912	318,659	735,402
Wilmington, Del	3	456,876	68,068	58	48,060	100,608	247,046
Zanesville, Ohio	4	83,402	19,942	34	19,875	31,533	88,074
All other cities (a)	68	12,128,902	2,138,298	2,344	1,788,682	3,513,695	10,103,852

a Embraces Akron, Ohio, 2; Atlanta, Ga., 1; Augusta, Ga., 1; Bay city, Mich., 1; Binghamton, N. Y., 2; Birmingham, Ala., 1; Bloomington, Ill., 1; Canton, Ohio, 2; Charleston, S. C., 1; Chattanooga, Tenn., 1; Cohoes, N. Y., 1; Covington, Ky., 2; Dallas, Tex., 1; Denver, Colo., 2; Duluth, Minn., 1; Elizabeth, N. J., 2; Elmira, N. Y., 2; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Hoboken, N. J., 1; Indianapolis, Ind., 1; Jackson, Mich., 1; Joliet, Ill., 2; Kansas city, Mo., 1; Knoxville, Tenn., 1; Lawrence, Mass., 1; Los Angeles, Cal., 1; Macon, Ga., 1; Manchester, N. H., 1; Memphis, Tenn., 1; Meriden, Conn., 1; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 1; Newburg, N. Y., 2; Newport, Ky., 1; Oakland, Cal., 1; Providence, R. I., 2; Rockford, Ill., 1; Salt Lake, Utah, 1; Savannah, Ga., 1; Springfield, Ill., 1; Springfield, Mass., 2; Springfield, Ohio, 1; Tacoma, Wash., 2; Terre Haute, Ind., 1; Waterbury, Conn., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 1; Worcester, Mass., 1; Yonkers, N. Y., 2; York, Pa., 1; Youngstown, Ohio, 2.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

29.—LITHOGRAPHING AND ENGRAVING.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	217	$15,185,627	$1,147,324	10,401	$7,064,886	$6,153,944	$17,758,157
Baltimore, Md	4	314,800	22,410	197	125,766	98,731	316,352
Boston, Mass	11	1,130,033	125,535	925	602,705	443,519	1,201,101
Brooklyn, N. Y	3	212,507	14,861	144	83,139	69,407	219,953
Buffalo, N. Y	5	1,159,957	81,358	815	517,183	464,007	1,480,862
Chicago, Ill	15	537,260	62,756	680	411,826	300,740	951,785
Cincinnati, Ohio	9	1,797,993	132,789	904	530,330	537,843	1,543,991
Louisville, Ky	3	86,441	8,303	81	41,118	48,560	127,800
Milwaukee, Wis	4	371,377	33,741	262	182,949	113,988	409,866
New Orleans, La	3	87,700	13,200	70	50,268	24,665	112,600
New York city, N. Y	79	4,894,774	343,208	3,299	2,604,467	2,335,660	6,283,779
Philadelphia, Pa	23	1,702,261	72,771	800	504,582	593,263	1,578,619
Pittsburg, Pa	4	113,345	8,126	86	58,510	30,915	119,830
Rochester, N. Y	3	359,200	19,375	174	98,050	130,635	301,870
St. Louis, Mo	9	205,850	15,998	225	122,364	70,448	244,275
San Francisco, Cal	7	356,134	33,026	242	169,922	132,484	367,588
Washington, D. C	7	185,044	18,232	127	79,568	161,747	315,977
All other cities (a)	28	1,670,951	141,635	1,370	882,139	597,332	2,091,909

a Embraces Albany, N. Y., 1; Atlanta, Ga., 1; Cleveland, Ohio, 2; Dallas, Tex., 1; Denver, Colo., 2; Des Moines, Iowa, 1; Detroit, Mich., 2; Hartford, Conn., 2; Holyoke, Mass., 1; Jersey city, N. J., 1; Kansas city, Mo., 1; Los Angeles, Cal., 1; Minneapolis, Minn., 2; New Haven, Conn., 1; Providence, R. I., 1; Richmond, Va., 1; St. Paul, Minn., 1; Salt Lake, Utah, 1; Springfield, Mass., 1; Springfield, Ohio, 1; Syracuse, N. Y., 1; Topeka, Kan., 1; Troy, N. Y., 1.

30.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS.

Total	1,434	73,571,332	4,483,822	55,738	34,009,594	66,968,473	120,696,347
Akron, Ohio	6	376,424	21,555	167	104,725	102,465	344,100
Albany, N. Y	11	348,471	22,462	257	134,444	200,751	395,034
Allegheny, Pa	13	468,385	23,191	349	225,893	427,906	786,899
Allentown, Pa	5	100,865	5,316	99	50,730	55,116	126,600
Altoona, Pa	9	233,576	12,635	251	144,290	222,030	425,670
Atlanta, Ga	15	470,276	24,993	589	263,877	381,990	777,124
Auburn, N. Y	4	96,735	6,503	120	67,249	71,710	205,074
Augusta, Ga	4	213,711	32,523	241	72,574	147,150	283,900
Baltimore, Md	29	1,629,101	114,575	1,093	690,890	1,730,289	2,902,788
Bay city, Mich	5	306,192	25,068	160	84,337	368,539	571,195
Binghamton, N. Y	5	343,400	19,486	212	105,882	208,992	357,100
Birmingham, Ala	8	216,400	4,726	179	96,506	181,260	345,330
Bloomington, Ill	4	101,050	3,547	89	44,085	29,125	105,500
Boston, Mass	48	1,510,451	121,414	1,347	952,915	1,463,335	2,796,756
Bridgeport, Conn	4	137,370	8,911	150	96,200	127,876	254,780
Brockton, Mass	3	39,150	4,200	27	21,945	25,766	62,544
Brooklyn, N. Y	42	3,506,787	140,510	2,584	1,706,955	3,324,949	5,930,820
Buffalo, N. Y	29	2,882,448	303,396	2,146	1,125,836	1,938,931	3,918,819
Cambridge, Mass	5	223,008	10,804	225	145,050	193,156	334,470
Camden, N. J	5	243,800	15,739	157	103,342	332,245	509,000
Canton, Ohio	6	212,822	7,319	91	53,566	124,635	231,460
Charleston, S. C	10	208,756	11,928	221	89,591	249,871	444,833
Chattanooga, Tenn	8	742,554	40,959	392	193,012	457,605	821,862
Chelsea, Mass	3	39,200	4,956	61	38,450	59,440	133,500
Chester, Pa	3	63,089	2,130	41	24,753	47,435	81,700
Chicago, Ill	116	9,159,946	580,877	8,056	4,820,840	10,195,546	17,604,494
Cincinnati, Ohio	27	1,120,290	93,592	1,268	845,780	1,653,710	2,987,596
Cleveland, Ohio	15	1,232,482	78,677	883	500,265	1,386,339	2,208,997
Columbus, Ohio	9	335,437	10,765	124	74,715	365,422	507,029
Covington, Ky	3	67,700	4,550	74	49,850	124,570	195,960
Dallas, Tex	4	85,000	11,970	99	75,444	96,600	229,000
Dayton, Ohio	8	423,819	22,104	410	218,534	265,195	574,132
Denver, Colo	8	1,894,900	75,314	995	755,622	2,463,760	4,017,362
Des Moines, Iowa	5	92,700	6,465	87	56,540	70,030	161,500
Detroit, Mich	31	1,429,729	73,609	1,227	631,735	1,310,248	2,281,102
Dubuque, Iowa	3	682,282	45,389	494	208,946	508,500	930,000
Duluth, Minn	3	163,666	6,137	102	60,603	197,110	289,441
Elizabeth, N. J	4	45,700	2,606	47	33,830	73,740	122,200
Elmira, N. Y	6	815,136	26,310	338	167,742	490,329	800,526
Erie, Pa	8	703,095	31,680	365	197,983	456,391	740,765
Evansville, Ind	9	303,252	20,690	243	130,038	293,279	535,650
Fort Wayne, Ind	3	103,003	11,817	105	45,882	207,313	287,106
Fort Worth, Tex	3	70,425	2,031	36	26,620	20,312	59,141
Galveston, Tex	3	78,500	10,725	76	69,712	226,950	402,785
Grand Rapids, Mich	14	607,510	35,038	450	252,516	656,554	1,013,122
Hartford, Conn	3	60,700	4,941	71	35,418	96,400	191,000
Hoboken, N. J	7	99,150	6,958	88	67,412	252,735	363,750
Holyoke, Mass	3	381,837	12,993	161	93,056	230,100	368,675
Houston, Tex	4	213,886	21,212	250	128,270	303,500	522,680
Indianapolis, Ind	12	461,783	36,244	313	199,183	264,242	555,400
Jackson, Mich	4	194,826	9,521	103	43,850	139,355	215,968
Jersey city, N. J	8	430,100	21,207	247	157,743	457,476	698,250
Johnstown, Pa	6	173,344	3,740	209	101,025	233,007	383,905
Joliet, Ill	4	121,470	5,547	77	49,156	47,800	138,900
Kansas city, Kan	4	72,189	3,448	74	48,159	47,682	117,315

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

30.—LUMBER, PLANING MILL PRODUCTS, INCLUDING SASH, DOORS, AND BLINDS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Kansas city, Mo	10	$873,025	$41,569	353	$284,119	$607,790	$1,151,280
Kingston, N. Y	5	30,920	1,657	33	17,919	19,635	44,725
Knoxville, Tenn	5	134,050	7,774	92	48,500	96,280	193,856
Lacrosse, Wis	6	525,084	31,587	169	81,197	245,996	379,587
Lancaster, Pa	3	66,200	2,425	68	31,367	73,200	119,000
Lewiston, Me	5	75,659	5,523	47	25,709	54,549	93,818
Lexington, Ky	5	124,400	5,462	92	49,373	61,207	140,500
Little Rock, Ark	5	159,700	13,635	160	95,755	177,460	324,000
Long Island city, N. Y	3	46,250	6,570	115	85,865	111,870	215,000
Los Angeles, Cal	10	221,396	14,667	188	175,820	135,666	340,166
Louisville, Ky	15	1,026,673	55,575	744	399,698	671,223	1,256,793
Lowell, Mass	10	234,501	8,468	212	121,813	542,082	765,924
Lynn, Mass	4	118,750	6,355	119	90,885	59,135	192,161
Macon, Ga	5	137,500	13,191	202	95,030	446,400	669,780
Malden, Mass	4	25,400	2,815	54	38,126	41,940	95,000
Manchester, N. H	5	209,563	15,517	198	103,120	153,543	299,877
Memphis, Tenn	5	557,000	17,585	302	214,067	398,372	757,633
Milwaukee, Wis	17	1,488,081	120,082	1,393	652,933	1,434,246	2,360,659
Minneapolis, Minn	22	2,077,593	109,315	1,419	803,248	1,233,504	2,411,682
Montgomery, Ala	4	61,225	2,508	48	23,900	22,115	62,700
Muskegon, Mich	9	345,597	20,188	415	167,283	382,694	602,541
Nashville, Tenn	11	208,685	12,182	317	195,455	359,364	622,300
New Albany, Ind	3	33,975	808	22	11,950	27,160	45,136
Newark, N. J	20	574,131	32,203	483	339,897	624,688	1,123,087
New Bedford, Mass	6	101,889	8,282	76	52,408	63,230	134,774
New Haven, Conn	6	619,299	50,854	266	176,290	570,461	995,710
New Orleans, La	17	840,675	42,756	577	372,030	537,647	1,093,451
Newport, Ky	4	98,521	5,765	67	42,944	130,920	204,500
Newton, Mass	3	81,675	2,893	84	59,710	80,543	170,540
New York, N. Y	81	3,598,718	298,406	2,800	2,233,764	3,612,058	7,012,364
Norfolk, Va	3	48,500	2,630	53	24,054	100,625	143,000
Oakland, Cal	12	510,936	23,923	506	366,180	490,689	995,996
Omaha, Neb	13	390,982	25,725	398	204,406	383,758	865,000
Oswego, N. Y	4	206,202	19,515	165	71,361	174,115	275,024
Paterson, N. J	5	146,341	11,370	90	56,508	78,675	179,155
Pawtucket, R. I	4	43,000	2,423	32	21,072	50,941	85,475
Peoria, Ill	5	302,382	22,314	158	102,859	230,339	412,902
Petersburg, Va	6	62,850	3,210	81	35,147	58,695	120,278
Philadelphia, Pa	61	3,204,202	201,300	2,104	1,395,509	2,162,363	4,275,732
Pittsburg, Pa	15	1,348,496	53,005	664	485,900	1,160,753	1,947,078
Portland, Me	7	150,950	8,642	91	53,658	68,934	141,335
Portland, Ore	8	455,950	23,665	243	186,702	377,300	745,520
Poughkeepsie, N. Y	6	174,360	4,518	117	48,225	85,093	150,950
Providence, R. I	9	231,200	16,096	101	64,669	112,027	209,431
Pueblo, Colo	3	98,995	2,606	54	49,208	44,381	115,200
Quincy, Ill	3	263,000	10,146	93	47,509	207,785	293,700
Reading, Pa	6	275,420	10,131	214	122,800	197,192	396,500
Richmond, Va	9	372,921	29,985	205	108,984	298,568	419,058
Rochester, N. Y	32	1,099,255	52,779	728	406,890	731,954	1,413,745
Sacramento, Cal	3	68,300	4,325	56	44,663	34,245	91,985
Saginaw, Mich	7	997,055	41,440	685	305,205	1,155,110	1,636,950
St. Joseph, Mo	6	139,300	6,310	152	98,190	493,210	727,800
St. Louis, Mo	23	1,860,036	131,374	1,587	976,052	1,571,142	3,061,178
St. Paul, Minn	8	1,560,291	57,321	861	510,777	889,549	1,727,566
Salem, Mass	3	53,700	2,662	47	29,665	57,820	98,550
Salt Lake, Utah	9	481,296	10,438	205	161,840	225,941	515,100
San Antonio, Tex	7	75,225	7,019	118	86,154	72,575	203,500
San Francisco, Cal	31	703,776	84,173	847	667,129	708,922	1,635,854
Savannah, Ga	6	274,309	17,452	369	178,380	179,656	439,923
Scranton, Pa	8	405,176	12,950	229	135,020	326,985	661,100
Seattle, Wash	9	167,750	22,130	347	330,750	428,840	873,590
Sioux city, Iowa	4	164,927	7,844	146	80,605	101,415	226,500
South Bend, Ind	4	107,350	4,488	32	17,066	51,970	86,512
Springfield, Ill	3	58,500	3,430	55	40,300	30,810	100,000
Springfield, Mass	4	79,000	6,855	100	70,554	78,392	178,463
Springfield, Mo	5	118,055	7,575	104	63,016	157,590	249,450
Springfield, Ohio	4	43,755	1,777	28	15,602	64,207	88,775
Syracuse, N. Y	16	549,995	25,853	500	247,932	321,570	677,353
Tacoma, Wash	5	250,250	8,285	103	111,727	158,900	327,296
Terre Haute, Ind	3	116,281	7,395	129	81,821	115,424	217,568
Toledo, Ohio	11	387,000	29,972	373	187,572	664,098	961,925
Topeka, Kan	3	119,742	3,705	75	49,950	74,245	166,851
Trenton, N. J	3	47,550	2,464	33	23,050	56,477	91,000
Troy, N. Y	3	57,900	5,145	82	44,320	70,951	132,950
Washington, D. C	14	700,000	22,697	440	258,438	372,960	747,000
Wheeling, W. Va	6	252,228	11,052	207	103,210	240,463	389,696
Wichita, Kan	3	93,524	3,542	36	27,018	67,450	147,000
Wilkesbarre, Pa	4	94,053	4,911	69	35,690	48,760	95,000
Williamsport, Pa	10	221,236	14,808	227	96,118	203,729	373,666
Wilmington, Del	6	229,177	13,369	122	72,986	65,625	173,442
Worcester, Mass	8	574,300	37,145	333	210,942	339,046	630,571
Yonkers, N. Y	7	31,070	2,880	30	18,980	17,472	46,200
York, Pa	6	117,500	7,533	161	92,071	186,117	308,604
Youngstown, Ohio	4	151,375	7,310	75	48,151	228,215	357,800
Zanesville, Ohio	6	110,513	4,697	75	39,432	61,466	118,675
All other cities (a)	32	1,659,182	95,884	1,108	633,739	1,340,536	2,317,703

a Embraces Burlington, Iowa, 1; Cohoes, N. Y., 2; Fall River, Mass., 2; Fitchburg, Mass., 2; Harrisburg, Pa., 2; Haverhill, Mass., 2; Lawrence, Mass., 2; Lincoln, Neb., 2; McKeesport, Pa., 1; Meriden, Conn., 1; Mobile, Ala., 1; Oshkosh, Wis., 1; Racine, Wis., 2; Rockford, Ill., 1; Somerville, Mass., 2; Taunton, Mass., 2; Utica, N. Y., 2; Waterbury, Conn., 1; Wilmington, N. C., 1; Woonsocket, R. I., 2.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

31.—MATTRESSES AND SPRING BEDS.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	495	$5,587,441	$582,896	6,127	$3,181,312	$7,732,885	$13,788,921
Atlanta, Ga	3	170,500	17,360	162	58,313	203,150	344,000
Augusta, Ga	6	2,680	664	17	6,570	23,510	49,899
Baltimore, Md	14	68,638	8,608	92	35,862	101,161	198,815
Boston, Mass	22	348,855	41,380	485	238,927	611,744	1,083,889
Brooklyn, N. Y	17	80,195	12,382	154	98,191	203,429	361,496
Buffalo, N. Y	9	53,732	7,334	78	36,225	87,564	139,618
Cambridge, Mass	4	23,475	984	21	9,409	9,100	24,565
Charleston, S. C	5	13,001	2,244	51	15,835	10,083	34,705
Chattanooga, Tenn	4	18,945	2,558	38	16,950	59,430	90,977
Chicago, Ill	29	937,279	86,203	665	389,734	1,278,723	2,061,336
Cincinnati, Ohio	18	88,290	17,238	146	69,352	148,312	311,048
Cleveland, Ohio	7	59,315	9,021	127	56,192	117,363	218,448
Covington, Ky	9	2,830	1,224	17	10,705	14,950	29,309
Davenport, Iowa	3	10,525	1,289	18	7,075	32,174	70,350
Elmira, N. Y	3	11,150	1,424	27	8,098	21,054	45,320
Fort Worth, Tex	3	11,125	557	19	10,896	22,151	40,880
Galveston, Tex	4	3,165	830	9	4,178	7,485	15,900
Grand Rapids, Mich	3	36,427	2,325	58	27,492	53,908	94,170
Houston, Tex	4	58,251	1,235	69	40,421	43,800	96,275
Kansas city, Mo	5	143,560	8,968	92	62,062	126,815	292,950
Louisville, Ky	10	35,232	3,248	49	22,366	48,453	85,300
Macon, Ga	4	965	535	8	2,430	1,598	5,000
Memphis, Tenn	3	15,250	1,647	34	11,164	42,872	77,400
Milwaukee, Wis	11	218,570	19,861	211	90,510	349,674	541,092
Minneapolis, Minn	4	58,680	7,324	78	41,468	87,685	162,600
Mobile, Ala	3	10,235	622	12	3,480	9,254	17,090
Nashville, Tenn	5	14,377	1,648	24	7,432	26,686	57,582
Newark, N. J	5	19,325	3,510	35	19,874	35,512	66,575
Newburg, N. Y	3	42,750	291	6	3,052	3,975	9,950
New Haven, Conn	3	51,749	7,398	33	22,705	59,960	96,214
New Orleans, La	20	54,550	4,472	104	40,498	64,739	143,729
Newport, Ky	7	9,640	926	18	9,815	9,950	24,500
New York, N. Y	35	608,663	84,673	639	434,733	983,253	1,725,988
Norfolk, Va	4	5,740	721	17	5,192	14,420	22,670
Philadelphia, Pa	41	423,360	46,886	381	205,470	570,948	1,050,702
Pittsburg, Pa	5	119,999	4,229	58	31,616	63,940	107,750
Providence, R. I	4	21,500	2,115	44	18,730	25,191	50,700
Richmond, Va	4	7,256	1,189	22	9,361	18,482	42,550
Rochester, N. Y	3	38,470	4,209	47	22,164	55,031	96,495
St. Louis, Mo	14	269,757	33,519	344	171,182	428,070	737,174
San Antonio, Tex	4	3,230	1,000	11	6,692	13,450	24,800
San Francisco, Cal	8	107,932	12,351	129	77,626	124,014	248,246
Savannah, Ga	3	8,775	667	16	6,128	5,890	14,700
Syracuse, N. Y	3	24,900	3,484	22	13,020	39,245	73,760
Tacoma, Wash	5	43,800	4,865	52	48,210	52,000	144,490
Utica, N. Y	3	76,975	1,709	99	50,594	86,113	171,595
Washington, D. C	11	123,300	5,586	77	38,195	81,587	154,346
Worcester, Mass	6	36,200	2,610	51	26,179	105,385	175,646
All other cities (a)	92	989,323	97,722	1,166	538,990	1,163,984	2,140,156

a Embraces Akron, Ohio, 1; Albany, N. Y., 1; Allegheny, Pa., 2; Bay city, Mich., 1; Birmingham, Ala., 2; Burlington, Iowa, 2; Camden, N. J., 1; Canton, Ohio, 1; Chelsea, Mass., 1; Columbus, Ohio, 2; Dallas, Tex., 2; Denver, Colo., 2; Des Moines, Iowa, 1; Detroit, Mich., 2; Dubuque, Iowa, 1; Duluth, Minn., 1; Evansville, Ind., 2; Harrisburg, Pa., 1; Hartford, Conn., 1; Haverhill, Mass., 1; Holyoke, Mass., 1; Indianapolis, Ind., 2; Jersey city, N. J., 2; Kansas city, Kan., 1; Kingston, N. Y., 1; Knoxville, Tenn., 1; Lancaster, Pa., 1; Los Angeles, Cal., 2; Lowell, Mass., 2; Lynn, Mass., 1; Manchester, N. H., 1; Meriden, Conn., 1; Montgomery, Ala., 2; New Bedford, Mass., 1; Oakland, Cal., 2; Omaha, Neb., 2; Oshkosh, Wis., 1; Oswego, N. Y., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Peoria, Ill., 1; Petersburg, Va., 2; Portland, Ore., 1; Poughkeepsie, N. Y., 2; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Sacramento, Cal., 1; St. Joseph, Mo., 1; St. Paul, Minn., 2; Salem, Mass., 1; Sioux city, Iowa, 1; Springfield, Mass., 1; Springfield, Mo., 1; Springfield, Ohio, 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Topeka, Kan., 2; Trenton, N. J., 2; Troy, N. Y., 2; Wichita, Kan., 1; Williamsport, Pa., 2; Wilmington, Del., 1; Wilmington, N. C., 2; Yonkers, N. Y., 1; York, Pa., 1; Youngstown, Ohio, 1.

32.—MUSICAL INSTRUMENTS AND MATERIALS, NOT SPECIFIED.

Total	271	1,113,230	148,832	1,148	739,770	443,274	1,626,836
Augusta, Ga	4	4,650	1,090	15	9,224	1,975	13,175
Baltimore, Md	7	4,530	944	13	6,702	2,348	13,686
Boston, Mass	26	83,790	13,162	129	98,923	35,383	177,800
Brooklyn, N. Y	24	95,876	8,281	132	74,166	69,391	176,337
Buffalo, N. Y	4	6,380	680	6	2,220	2,555	7,720
Chicago, Ill	14	175,895	21,268	205	114,672	75,493	239,960
Cincinnati, Ohio	9	5,195	2,941	13	9,449	6,776	23,690
Cleveland, Ohio	5	11,762	560	8	4,825	2,335	12,140
Covington, Ky	3	7,185	345	5	3,850	1,680	6,300
Dallas, Tex	4	60,830	703	7	6,723	1,700	14,090
Milwaukee, Wis	5	28,570	366	9	4,830	518	8,060
Newark, N. J	3	1,475	316	6	2,414	2,550	5,400
New Orleans, La	4	22,440	757	21	13,076	10,868	27,120
New York, N. Y	46	135,021	28,031	223	146,746	105,286	353,512
Philadelphia, Pa	39	247,078	52,033	181	117,609	92,846	332,351
Providence, R. I	3	1,830	551	4	2,310	1,419	4,061
St. Louis, Mo	14	22,191	3,451	21	10,238	4,359	28,715
San Francisco, Cal	10	7,070	2,350	14	9,240	1,378	14,493
Syracuse, N. Y	3	3,775	257	4	2,382	579	3,640
Worcester, Mass	3	3,350	1,004	5	3,473	7,525	14,452
All other cities (a)	41	179,937	10,342	127	96,698	15,910	150,204

a Embraces Allegheny, Pa., 1; Bridgeport, Conn., 1; Cambridge, Mass., 2; Dayton, Ohio, 1; Detroit, Mich., 1; Fitchburg, Mass., 2; Galveston, Tex., 1; Grand Rapids, Mich., 2; Harrisburg, Pa., 1; Haverhill, Mass., 1; Holyoke, Mass., 2; Indianapolis, Ind., 1; Lawrence, Mass., 1; Los Angeles, Cal., 2; Louisville, Ky., 2; Lowell, Mass., 1; Memphis, Tenn., 1; Minneapolis, Minn., 2; New Albany, Ind., 1; New Haven, Conn., 2; Newport, Ky., 2; Norfolk, Va., 1; Omaha, Neb., 1; Portland, Me., 1; Richmond, Va., 1; St. Paul, Minn., 2; San Antonio, Tex., 2; Springfield, Mass., 1; Topeka, Kan., 1; Williamsport, Pa., 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

33.—MUSICAL INSTRUMENTS, ORGANS AND MATERIALS.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	101	$7,005,135	$614,537	3,530	$2,280,703	$2,499,059	$6,769,350
Baltimore, Md	4	27,713	2,652	41	29,277	24,600	68,275
Boston, Mass	7	675,293	205,654	269	190,669	208,670	697,670
Brooklyn, N. Y	4	50,325	1,177	36	30,812	14,610	50,160
Cambridge, Mass	3	903,238	69,588	380	277,223	197,077	642,870
Chicago, Ill	9	2,784,200	108,411	1,258	693,334	974,558	2,425,950
Milwaukee, Wis	3	19,350	1,545	16	11,532	5,850	24,600
New York, N. Y	11	346,410	17,940	223	180,972	179,258	460,860
Philadelphia, Pa	11	116,120	33,058	108	95,006	53,963	214,565
St. Louis, Mo	4	38,520	2,702	30	24,504	13,990	46,340
San Francisco, Cal	4	19,000	2,211	10	10,954	4,229	21,916
Worcester, Mass	6	415,234	45,658	268	173,978	175,383	468,309
All other cities (a)	35	1,609,732	123,941	891	562,442	616,871	1,647,835

a Embraces Binghamton, N. Y., 1; Bridgeport, Conn., 1; Buffalo, N. Y., 2; Charleston, S. C., 1; Cincinnati, Ohio, 1; Cleveland, Ohio, 2; Detroit, Mich., 2; Elmira, N. Y., 1; Erie, Pa., 1; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Indianapolis, Ind., 1; Jersey city, N. J., 1; Louisville, Ky., 1; Lynn, Mass., 1; Meriden, Conn., 2; New Haven, Conn., 1; New Orleans, La., 1; Oakland, Cal., 1; Providence, R. I., 1; Quincy, Ill., 1; Reading, Pa., 1; St. Paul, Minn., 1; Salem, Mass., 1; Springfield, Mass., 1; Syracuse, N. Y., 1; Trenton, N. J., 1; Utica, N. Y., 1; York, Pa., 1.

34.—MUSICAL INSTRUMENTS, PIANOS AND MATERIALS.

Total	201	15,761,816	1,192,253	11,108	8,203,404	8,986,327	22,659,718
Albany, N. Y	5	335,911	12,104	159	93,652	146,000	332,807
Baltimore, Md	4	1,063,987	128,460	737	532,160	406,592	1,291,165
Boston, Mass	29	2,755,009	213,666	1,970	1,479,337	1,750,803	3,947,948
Brooklyn, N. Y	12	526,475	15,793	303	210,127	167,580	572,350
Buffalo, N. Y	4	113,850	4,177	91	67,090	86,197	190,900
Cambridge, Mass	9	543,471	65,984	514	329,514	328,767	907,813
Chicago, Ill	8	333,900	77,944	459	249,092	352,222	755,450
Cincinnati, Ohio	4	67,340	4,035	49	30,470	83,860	148,000
Louisville, Ky	3	12,410	2,194	9	5,438	4,422	13,500
New York, N. Y	74	8,115,584	497,671	5,512	4,256,365	4,837,291	12,014,179
Philadelphia, Pa	10	389,855	55,764	185	145,655	195,532	448,800
St. Louis, Mo	3	13,800	2,141	18	11,606	4,848	23,600
San Francisco, Cal	10	119,435	23,183	52	47,154	49,042	180,860
All other cities (a)	26	1,370,780	89,137	1,050	745,834	573,231	1,832,346

a Embraces Allegheny, Pa., 1; Atlanta, Ga., 2; Auburn, N. Y., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 1; Davenport, Iowa, 1; Detroit, Mich., 2; Elmira, N. Y., 1; Erie, Pa., 1; Grand Rapids, Mich., 1; Indianapolis, Ind., 1; Kansas city, Mo., 1; Long Island city, N. Y., 2; Milwaukee, Wis., 1; New Albany, Ind., 1; Newark, N. J., 1; New Orleans, La., 1; Paterson, N. J., 1; Racine, Wis., 1; St. Paul, Minn., 1; Springfield, Ohio, 1; Trenton, N. J., 1; Yonkers, N. Y., 1.

35.—PATENT MEDICINES AND COMPOUNDS.

Total	865	14,997,970	5,866,918	7,385	4,099,707	9,283,811	27,274,702
Akron, Ohio	3	6,200	1,446	13	7,520	6,550	26,000
Albany, N. Y	4	24,150	2,611	15	7,965	9,693	22,685
Allegheny, Pa	4	14,903	5,728	4	4,200	3,343	18,648
Atlanta, Ga	7	218,146	294,322	102	51,001	148,825	729,044
Baltimore, Md	20	894,405	290,399	608	246,028	779,451	1,947,950
Bloomington, Ill	5	107,811	6,613	34	19,637	35,247	74,396
Boston, Mass	52	663,647	193,352	275	157,475	507,720	1,310,160
Brooklyn, N. Y	28	244,825	85,570	132	84,079	181,622	472,794
Buffalo, N. Y	27	644,028	711,024	271	129,628	267,061	1,809,100
Cambridge, Mass	3	680	500	4	950	1,687	3,450
Camden, N. J	5	72,335	6,932	17	7,689	26,468	47,350
Chicago, Ill	37	700,077	254,172	289	174,012	338,629	1,269,860
Cincinnati, Ohio	31	195,630	63,057	151	83,727	110,957	356,105
Cleveland, Ohio	7	56,915	14,458	69	22,417	61,106	134,580
Covington, Ky	3	2,000	1,280	8	6,500	3,300	13,200
Dallas, Tex	5	32,350	21,182	19	13,364	6,100	69,000
Des Moines, Iowa	7	117,542	28,842	72	29,524	59,700	226,318
Detroit, Mich	6	42,320	25,596	27	12,688	43,548	114,058
Fort Wayne, Ind	3	61,350	1,728	140	46,500	50,722	153,500
Grand Rapids, Mich	8	251,140	9,439	102	65,482	176,093	281,373
Hartford, Conn	4	112,350	1,946	26	11,420	15,362	35,600
Houston, Tex	4	9,100	7,940	17	6,665	6,900	28,000
Indianapolis, Ind	10	32,256	10,087	31	23,814	15,667	68,805
Jersey city, N. J	3	17,920	1,180	6	5,174	6,930	16,950
Kansas city, Mo	3	2,115	925	6	3,650	3,225	17,500
Knoxville, Tenn	4	63,400	8,992	26	16,835	59,500	130,000
Lawrence, Mass	4	20,110	16,255	15	6,159	11,297	47,000
Los Angeles, Cal	4	19,550	2,710	39	17,150	6,685	35,800
Louisville, Ky	11	33,916	10,160	44	15,522	32,089	74,523
Lowell, Mass	13	466,532	1,106,422	461	243,460	621,158	2,157,237
Lynn, Mass	14	74,659	40,015	35	23,536	27,033	111,944
Milwaukee, Wis	7	30,268	7,895	29	12,853	13,944	59,557
Minneapolis, Minn	22	100,458	10,371	83	51,264	41,132	142,547
Nashville, Tenn	3	7,575	6,039	31	19,252	12,028	64,800
Newark, N. J	4	45,500	2,665	31	15,850	20,103	71,020

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

35.—PATENT MEDICINES AND COMPOUNDS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
New Haven, Conn	12	$134,267	$46,219	511	$352,455	$165,402	$685,677
New Orleans, La	9	185,722	40,549	86	48,560	76,072	274,930
New York, N. Y	83	1,071,620	331,490	787	532,096	678,667	2,462,850
Norfolk, Va	3	2,445	1,857	9	3,430	3,800	14,920
Oakland, Cal	4	6,825	1,007	9	7,966	4,105	20,120
Peoria, Ill	4	6,550	8,440	10	7,376	5,950	25,625
Philadelphia, Pa	93	2,464,493	536,463	701	412,273	878,280	2,801,605
Pittsburg, Pa	9	333,237	244,710	129	85,261	315,255	792,938
Portland, Me	3	36,165	1,299	12	5,124	29,140	45,900
Portland, Ore	4	59,395	5,158	23	16,522	20,385	57,500
Providence, R. I	12	832,466	9,991	72	51,976	72,845	307,565
Quincy, Ill	5	13,825	2,248	20	6,942	5,026	22,525
Richmond, Va	4	24,139	12,640	19	15,684	7,087	38,619
Rochester, N. Y	10	1,207,158	492,156	174	86,634	416,338	1,363,625
St. Joseph, Mo	4	47,063	20,560	16	12,000	5,273	89,000
St. Louis, Mo	57	1,593,699	376,325	587	367,250	674,779	2,186,416
St. Paul, Minn	6	31,385	1,968	19	6,732	9,218	49,800
Salem, Mass	3	66,305	5,656	20	3,740	8,600	24,200
San Francisco, Cal	36	149,077	69,431	92	62,052	94,919	327,294
South Bend, Ind	8	7,727	3,854	28	11,308	8,296	33,356
Syracuse, N. Y	13	21,310	1,991	22	11,416	17,301	38,957
Terre Haute, Ind	3	4,600	4,172	19	6,545	3,610	16,200
Toledo, Ohio	3	18,250	37,315	13	4,726	31,997	109,332
Troy, N. Y	4	15,195	845	11	3,375	3,749	8,700
Utica, N. Y	3	44,960	1,385	14	5,093	12,650	33,850
Washington, D. C	8	49,400	2,505	20	10,862	9,625	33,620
Wheeling, W. Va	3	4,370	3,513	11	3,182	3,268	9,560
Worcester, Mass	3	7,850	2,511	7	3,701	5,330	16,000
Yonkers, N. Y	3	19,290	474	26	15,492	14,626	38,982
Zanesville, Ohio	4	21,004	5,280	17	6,001	7,347	36,149
All other cities (a)	74	1,131,985	333,153	579	290,893	1,083,698	3,168,033

a Embraces Allentown, Pa., 2; Auburn, N. Y., 2; Bay city, Mich., 1; Binghamton, N. Y., 2; Birmingham, Ala., 1; Burlington, Iowa, 1; Canton, Ohio, 1; Charleston, S. C., 2; Chelsea, Mass., 2; Columbus, Ohio, 1; Davenport, Iowa, 2; Dayton, Ohio, 2; Denver, Colo., 1; Duluth, Minn., 1; Elmira, N. Y., 1; Evansville, Ind., 2; Fall River, Mass., 1; Galveston, Tex., 2; Holyoke, Mass., 1; Jackson, Mich, 1; Kingston, N. Y., 2; Lewiston, Me., 1; Lincoln, Neb., 2; Little Rock, Ark., 1; Long Island city, N. Y., 1; McKeesport, Pa., 1; Malden, Mass., 2; Memphis, Tenn., 2; New Albany, Ind., 2; New Bedford, Mass., 2; Newburg, N. Y., 1; Newport, Ky., 2; Omaha, Neb., 1; Oswego, N. Y., 1; Petersburg, Va., 1; Poughkeepsie, N. Y., 1; Racine, Wis., 1; Rockford, Ill., 2; Sacramento, Cal., 1; Salt Lake, Utah, 1; San Antonio, Tex., 2; Savannah, Ga., 2; Scranton, Pa., 1; Sioux city, Iowa, 1; Somerville, Mass., 1; Springfield, Ill., 2; Springfield, Mo., 1; Tacoma, Wash., 2; Taunton, Mass., 1; Topeka, Kan., 1; Williamsport, Pa., 2; Woonsocket, R. I., 1.

36.—PRINTING AND PUBLISHING, BOOK AND JOB.

Total	3,491	64,053,816	10,564,613	55,206	34,516,101	28,251,208	90,034,844
Akron, Ohio	3	498,250	23,967	496	186,340	185,632	413,600
Albany, N. Y	21	677,032	40,294	645	348,038	152,051	583,366
Allegheny, Pa	12	34,408	4,049	34	17,134	9,770	37,388
Allentown, Pa	3	19,500	776	10	4,360	4,385	15,051
Atlanta, Ga	17	286,275	23,219	358	172,448	176,595	445,019
Baltimore, Md	99	718,550	54,321	920	414,282	367,863	1,144,534
Bay city, Mich	4	20,250	763	18	9,120	8,056	23,500
Binghamton, N. Y	8	44,022	3,082	49	21,440	8,775	41,400
Birmingham, Ala	7	79,300	9,576	87	64,398	41,778	140,029
Bloomington, Ill	3	69,770	2,417	69	33,365	63,741	102,000
Boston, Mass	217	3,441,456	897,891	2,965	1,815,491	1,535,709	5,487,739
Bridgeport, Conn	10	59,040	3,156	53	31,616	31,195	74,875
Brockton, Mass	6	45,871	3,116	33	22,208	21,167	66,526
Brooklyn, N. Y	88	1,157,245	89,291	1,121	680,381	693,499	1,653,528
Buffalo, N. Y	40	507,554	39,460	530	278,629	218,143	620,000
Burlington, Iowa	4	54,007	4,850	40	22,869	15,902	52,377
Cambridge, Mass	8	89,173	16,835	279	175,359	42,033	251,369
Camden, N. J	5	20,450	1,113	25	11,566	6,796	24,630
Canton, Ohio	3	21,675	754	16	7,804	10,741	23,065
Charleston, S. C	5	241,900	24,256	143	81,748	96,250	242,985
Chelsea, Mass	6	9,540	1,150	18	10,351	4,323	21,000
Chicago, Ill	328	8,138,228	2,304,972	7,103	4,478,257	4,606,359	14,030,378
Cincinnati, Ohio	110	2,029,373	211,084	1,605	971,269	2,010,245	3,934,846
Cleveland, Ohio	39	363,173	33,628	527	304,112	178,700	633,878
Columbus, Ohio	14	127,635	12,913	141	68,233	65,005	163,875
Council Bluffs, Iowa	3	8,700	1,340	13	7,026	7,374	16,369
Covington, Ky	8	16,140	1,288	25	12,616	3,315	20,240
Dallas, Tex	15	226,575	17,970	176	115,054	208,000	426,550
Davenport, Iowa	8	94,353	8,957	72	34,325	45,761	107,450
Dayton, Ohio	13	192,020	19,887	207	86,918	206,881	363,398
Denver, Colo	25	247,720	23,913	200	165,558	133,877	406,717
Des Moines, Iowa	13	206,789	14,155	203	99,067	106,117	272,067
Detroit, Mich	54	742,825	382,353	666	362,826	241,270	1,136,775
Dubuque, Iowa	3	43,335	1,381	39	18,062	12,588	46,100
Duluth, Minn	3	26,600	2,826	40	26,943	9,693	51,400
Elizabeth, N. J	4	9,275	2,080	36	20,262	17,900	42,500
Elmira, N. Y	5	17,980	2,310	25	11,041	5,081	22,284
Erie, Pa	3	101,436	3,644	69	30,786	37,706	109,423
Evansville, Ind	7	80,901	4,409	50	20,899	19,455	57,934
Fall River, Mass	3	28,527	2,019	23	12,220	6,847	27,850

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

36.—PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Fitchburg, Mass	4	$11,193	$1,205	15	$7,713	$4,649	$15,673
Fort Wayne, Ind	3	12,265	1,372	21	8,978	8,525	24,840
Fort Worth, Tex	3	132,636	11,569	74	43,306	56,891	120,666
Galveston, Tex	5	295,475	29,509	103	114,944	114,803	321,965
Grand Rapids, Mich	13	75,509	7,807	111	55,387	43,932	122,892
Harrisburg, Pa	7	76,924	1,504	51	25,236	14,648	44,950
Hartford, Conn	17	756,636	41,827	377	227,149	201,836	545,620
Haverhill, Mass	9	37,165	3,473	47	24,533	15,817	53,900
Hoboken, N.J	3	12,500	1,874	12	8,848	6,580	24,650
Holyoke, Mass	5	88,397	2,536	30	8,137	6,912	22,282
Houston, Tex	8	106,254	11,014	74	58,900	42,459	134,717
Indianapolis, Ind	20	384,969	31,529	520	281,984	205,785	606,865
Jersey city, N.J	5	188,370	12,011	169	92,380	69,400	214,100
Kansas city, Kan	4	10,540	1,212	13	7,500	4,397	14,125
Kansas city, Mo	40	407,225	104,166	556	335,884	221,604	818,545
Knoxville, Tenn	6	93,423	8,470	106	60,824	39,469	134,700
Lacrosse, Wis	4	18,846	2,061	23	9,337	10,369	25,850
Lancaster, Pa	8	116,525	3,180	85	31,932	20,410	71,369
Lawrence, Mass	4	16,240	1,847	16	9,640	7,395	24,638
Lewiston, Me	3	14,425	1,566	11	5,100	3,205	10,400
Lexington, Ky	5	45,204	4,352	53	26,028	27,139	74,600
Lincoln, Neb	4	36,860	1,757	33	19,552	10,235	33,500
Los Angeles, Cal	17	81,748	11,057	104	74,913	34,251	131,744
Louisville, Ky	28	291,588	20,969	286	127,119	120,290	330,481
Lowell, Mass	6	20,965	2,599	19	8,750	6,428	18,331
Lynn, Mass	16	106,175	7,466	113	72,659	42,978	159,885
Malden, Mass	5	12,061	1,010	18	9,089	4,992	16,993
Manchester, N.H	5	14,282	1,796	26	9,741	6,443	20,053
Memphis, Tenn	9	298,412	18,693	185	117,844	109,052	302,200
Milwaukee, Wis	49	530,055	116,028	512	252,054	212,549	687,181
Minneapolis, Minn	44	389,507	45,480	425	263,380	152,593	535,003
Mobile, Ala	7	50,537	4,066	47	22,987	22,326	63,777
Montgomery, Ala	5	37,800	2,451	54	35,014	20,075	73,300
Nashville, Tenn	10	271,275	11,776	245	150,468	111,194	369,450
Newark, N.J	35	334,689	26,663	311	178,051	271,744	559,748
New Bedford, Mass	3	34,850	2,465	21	11,852	13,505	31,500
Newburg, N.Y	3	7,960	644	6	2,590	1,429	6,000
New Haven, Conn	23	254,013	47,986	259	165,978	71,122	333,861
New Orleans, La	35	310,458	34,119	334	203,997	113,342	436,223
Newport, Ky	10	17,525	1,125	21	12,286	3,923	20,100
New York, N.Y	658	13,577,781	2,139,756	11,976	8,610,023	5,102,060	19,894,757
Norfolk, Va	8	41,353	2,915	47	23,420	10,158	37,510
Oakland, Cal	4	25,950	1,984	21	17,156	9,842	31,900
Omaha, Neb	19	312,020	32,470	320	199,052	145,213	486,351
Oshkosh, Wis	4	8,544	1,124	10	3,081	2,162	11,358
Paterson, N.J	5	24,707	2,385	30	12,742	3,304	19,290
Pawtucket, R.I	5	87,139	2,538	66	30,114	35,744	84,240
Peoria, Ill	7	92,395	8,832	101	52,068	41,593	122,000
Petersburg, Va	4	22,705	3,162	17	11,746	8,079	29,302
Philadelphia, Pa	338	10,989,436	2,280,530	5,649	3,238,273	3,131,117	11,347,840
Pittsburg, Pa	59	1,425,921	138,324	963	606,693	544,380	1,589,174
Portland, Me	16	91,083	11,125	97	47,168	29,509	103,290
Portland, Ore	14	180,932	20,565	151	123,153	53,688	233,757
Poughkeepsie, N.Y	3	48,015	1,435	40	21,320	16,289	48,700
Providence, R.I	28	301,764	47,543	321	192,254	132,485	416,344
Quincy, Ill	6	83,120	3,046	43	22,310	17,865	59,150
Richmond, Va	21	372,613	51,988	282	154,598	174,736	441,242
Rochester, N.Y	33	803,990	34,298	387	217,866	271,309	664,800
Sacramento, Cal	4	27,250	3,680	30	26,478	13,340	46,900
Saginaw, Mich	3	40,300	4,415	42	26,100	9,650	45,000
St. Joseph, Mo	8	160,311	17,108	127	71,415	80,949	227,400
St. Louis, Mo	105	2,816,775	265,094	2,693	1,499,586	1,410,742	3,894,990
St. Paul, Minn	30	699,961	67,026	600	380,398	288,163	883,228
Salem, Mass	9	68,225	7,401	70	25,999	14,199	54,385
Salt Lake, Utah	7	111,806	7,031	85	59,124	25,739	109,700
San Antonio, Tex	8	49,560	6,672	72	50,546	30,387	98,450
San Francisco, Cal	78	978,329	164,260	1,011	649,034	424,104	1,448,623
Savannah, Ga	7	92,250	8,469	57	34,275	27,877	91,246
Seattle, Wash	10	101,461	12,529	89	85,741	43,393	165,650
Sioux city, Iowa	3	17,900	1,747	25	16,168	7,666	27,364
Somerville, Mass	3	4,795	366	7	3,786	1,755	5,776
South Bend, Ind	3	15,035	1,448	33	13,062	10,092	26,075
Springfield, Ill	3	88,200	3,014	71	35,593	19,099	89,200
Springfield, Mass	14	204,760	32,102	169	91,933	75,562	220,164
Springfield, Mo	7	19,000	2,114	25	11,386	9,726	31,457
Springfield, Ohio	5	19,265	2,256	30	15,332	6,009	29,051
Syracuse, N.Y	13	79,622	8,639	120	42,367	31,703	100,770
Tacoma, Wash	6	44,000	5,260	46	38,964	24,400	86,500
Taunton, Mass	8	109,000	3,234	55	19,755	23,145	66,436
Terre Haute, Ind	9	82,645	9,681	98	53,438	42,254	109,720
Toledo, Ohio	17	225,801	15,851	222	111,305	71,643	272,091
Topeka, Kan	9	347,305	27,151	195	156,172	149,591	369,424
Trenton, N.J	8	138,830	6,948	83	49,065	21,832	91,700
Troy, N.Y	7	86,803	5,562	81	41,623	21,383	85,550
Utica, N.Y	9	92,050	4,322	92	47,368	35,989	102,650

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

36.—PRINTING AND PUBLISHING, BOOK AND JOB—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Washington, D. C	51	$1,200,579	$68,701	3,099	$2,494,406	$1,256,934	$3,914,547
Wheeling, W. Va	5	34,437	3,992	27	11,022	7,233	29,436
Wichita, Kan	3	11,440	1,464	16	8,760	4,421	15,200
Wilkesbarre, Pa	3	17,350	852	22	7,531	5,955	18,000
Wilmington, Del	10	151,775	5,750	117	54,797	18,787	102,100
Woonsocket, R. I	4	22,250	1,559	16	8,334	4,039	16,400
Worcester, Mass	19	121,955	17,142	153	64,991	42,949	147,633
Yonkers, N. Y	5	14,970	1,723	17	7,456	4,647	18,769
York, Pa	7	45,945	2,244	61	18,319	9,851	36,990
Zanesville, Ohio	5	25,288	1,266	14	4,688	5,564	15,651
All other cities (a)	37	493,566	44,281	300	159,302	138,579	429,769

a Embraces Altoona, Pa., 1; Auburn, N. Y., 2; Augusta, Ga., 2; Chattanooga, Tenn., 1; Cohoes, N. Y., 2; Jackson, Mich., 1; Johnstown, Pa., 1; Joliet, Ill., 1; Kingston, N. Y., 1; Lincoln, R. I., 2; Little Rock, Ark., 2; Long Island city, N. Y., 1; Macon, Ga., 1; McKeesport, Pa., 1; Meriden, Conn., 2; Muskegon, Mich., 1; New Albany, Ind., 1; Newton, Mass., 1; Oswego, N. Y., 2; Pueblo, Colo., 1; Reading, Pa., 2; Rockford, Ill., 1; Waterbury, Conn., 2; Williamsport, Pa., 2; Wilmington, N. C., 2; Youngstown, Ohio, 1.

37.—RUBBER AND ELASTIC GOODS.

Total	94	7,699,355	706,680	5,217	2,468,667	6,541,939	10,966,028
Boston, Mass	15	1,111,315	162,603	980	381,957	979,988	1,781,781
Bridgeport, Conn	4	241,900	14,078	287	156,048	325,455	557,098
Brooklyn, N. Y	8	122,160	4,997	114	54,656	81,966	213,020
Chelsea, Mass	8	2,553,354	212,709	945	482,877	1,891,427	2,793,649
Chicago, Ill	9	115,300	7,110	86	42,395	85,253	173,950
Cleveland, Ohio	3	705,072	40,902	349	130,459	721,567	970,289
New Haven, Conn	3	128,750	5,206	89	30,310	93,614	149,500
New York, N. Y	12	629,025	30,231	806	429,968	554,265	1,179,900
Philadelphia, Pa	5	315,077	62,049	77	36,408	218,187	337,033
Providence, R. I	3	285,764	53,986	389	159,106	285,085	509,000
All other cities (a)	24	1,490,938	112,800	1,095	555,483	1,305,138	2,293,808

a Embraces Akron, Ohio, 1; Baltimore, Md., 1; Brockton, Mass., 2; Cambridge, Mass., 1; Elizabeth, N. J., 1; Holyoke, Mass., 1; Indianapolis, Ind., 1; Jersey city, N. J., 1; Lowell, Mass., 2; Lynn, Mass., 1; Milwaukee, Wis., 2; Newark, N. J., 2; Newton, Mass., 1; Racine, Wis., 1; St. Louis, Mo., 2; San Francisco, Cal., 2; Trenton, N. J., 2.

38.—SADDLERY AND HARNESS.

Total	2,659	20,610,825	1,681,522	17,315	10,046,997	15,752,287	33,398,106
Akron, Ohio	12	11,845	1,875	22	9,792	9,508	24,527
Albany, N. Y	23	27,451	4,013	61	32,910	23,160	67,902
Allegheny, Pa	12	39,950	4,223	40	21,731	21,625	51,400
Altoona, Pa	5	13,253	682	12	6,037	3,371	12,230
Atlanta, Ga	7	32,280	3,911	44	21,646	38,000	70,617
Auburn, N. Y	5	36,190	4,826	41	21,210	19,755	46,140
Augusta, Ga	3	2,715	509	12	3,652	3,110	8,100
Baltimore, Md	100	590,568	50,411	589	238,166	451,263	923,503
Bay city, Mich	5	14,200	1,784	17	10,230	19,021	36,800
Binghamton, N. Y	8	52,670	2,794	44	24,691	49,885	93,760
Birmingham, Ala	5	23,125	3,742	27	16,425	12,253	39,218
Bloomington, Ill	7	94,880	3,872	49	27,159	31,304	67,660
Boston, Mass	101	239,776	46,141	411	254,433	236,311	656,524
Bridgeport, Conn	7	353,752	4,656	136	83,040	192,952	295,130
Brockton, Mass	5	10,830	1,468	14	9,199	11,919	27,075
Brooklyn, N. Y	112	231,100	24,908	299	184,781	148,194	414,524
Buffalo, N. Y	37	281,864	9,965	194	101,562	124,129	273,838
Burlington, Iowa	5	111,385	6,392	98	43,226	104,807	179,288
Cambridge, Mass	14	9,085	3,239	30	19,764	13,901	46,599
Camden, N. J	6	37,331	1,363	34	22,308	25,825	57,950
Canton, Ohio	6	164,975	6,774	156	70,580	113,215	225,225
Charleston, S. C	7	37,803	5,209	36	19,756	34,440	72,500
Chattanooga, Tenn	3	25,320	1,960	29	24,212	30,026	73,009
Chelsea, Mass	3	3,917	776	6	3,881	1,567	7,620
Chester, Pa	4	30,800	699	10	6,455	6,210	15,000
Chicago, Ill	163	1,193,543	90,186	880	520,445	676,851	1,480,256
Cincinnati, Ohio	71	1,013,284	102,701	1,167	673,987	1,602,011	3,030,707
Cleveland, Ohio	47	167,609	14,070	334	174,487	133,018	364,762
Cohoes, N. Y	3	2,824	557	6	3,764	3,640	9,360
Columbus, Ohio	12	143,320	6,432	127	68,832	77,384	182,100
Council Bluffs, Iowa	8	25,300	2,555	25	14,278	19,470	47,188
Covington, Ky	12	54,785	3,395	42	24,900	32,030	70,210
Dallas, Tex	10	767,350	54,335	304	196,784	639,059	1,008,500
Davenport, Iowa	9	38,932	2,487	43	20,433	23,131	50,145
Dayton, Ohio	16	107,283	10,934	120	53,905	68,756	165,300
Denver, Colo	19	239,077	25,036	135	116,525	96,909	308,069
Des Moines, Iowa	13	73,265	6,481	84	43,818	89,708	164,744
Detroit, Mich	35	264,607	21,952	213	112,887	166,934	340,012
Dubuque, Iowa	11	159,825	13,144	112	56,038	114,460	187,950
Duluth, Minn	6	13,090	2,191	19	10,404	13,250	30,277
Elmira, N. Y	7	66,086	5,329	108	43,677	41,607	95,331
Erie, Pa	7	36,351	1,421	19	12,304	10,758	31,081
Evansville, Ind	17	242,420	13,560	239	114,034	288,740	471,050
Fall River, Mass	7	7,410	1,562	20	11,720	14,592	30,800
Fitchburg, Mass	7	7,035	1,510	12	7,144	6,833	20,285

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

38.—SADDLERY AND HARNESS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	Average number of employés and total wages.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Fort Wayne, Ind	7	$25,950	$2,833	58	$20,874	$62,778	$122,100
Fort Worth, Tex	4	51,190	4,218	33	23,980	31,351	78,297
Galveston, Tex	4	9,700	2,540	8	4,644	15,950	35,500
Grand Rapids, Mich	17	45,009	4,693	66	35,568	50,652	103,326
Harrisburg, Pa	5	1,220	557	12	6,580	4,250	11,950
Hartford, Conn	8	208,298	22,378	225	112,948	265,989	433,398
Haverhill, Mass	7	8,705	2,115	19	10,763	9,243	23,790
Hoboken, N. J	6	22,275	2,818	16	10,490	12,315	28,850
Holyoke, Mass	5	11,335	2,532	14	10,412	12,688	38,000
Houston, Tex	4	23,850	1,936	11	5,530	6,200	16,500
Indianapolis, Ind	19	85,345	7,886	127	60,315	97,101	185,355
Jackson, Mich	8	66,521	4,699	112	40,369	54,183	123,695
Jersey city, N. J	11	33,065	2,341	26	16,088	9,442	36,416
Johnstown, Pa	3	9,930	133	8	3,716	4,695	10,025
Joliet, Ill	5	102,485	25,497	33	20,423	111,244	193,100
Kansas city, Kan	4	7,445	1,933	10	8,750	8,039	20,590
Kansas city, Mo	19	151,749	24,552	233	134,221	305,376	537,850
Kingston, N. Y	3	1,635	354	7	3,328	3,450	7,290
Knoxville, Tenn	5	218,745	44,169	150	99,020	170,480	331,600
Lacrosse, Wis	7	26,038	701	16	7,108	14,145	25,865
Lancaster, Pa	10	96,923	4,525	80	31,273	84,807	139,545
Lawrence, Mass	9	18,041	1,351	17	10,294	8,098	22,013
Lewiston, Me	5	11,750	851	16	7,077	9,843	21,325
Lexington, Ky	8	35,590	3,710	44	25,955	21,317	56,400
Lincoln, Neb	5	65,600	10,284	40	24,792	50,875	87,000
Lincoln, R. I	4	1,695	310	5	2,892	4,262	8,240
Little Rock, Ark	5	23,545	2,264	20	11,846	15,584	38,709
Long Island city, N. Y	7	23,655	1,251	11	6,159	5,480	14,150
Los Angeles, Cal	25	73,969	8,484	60	41,676	33,799	87,885
Louisville, Ky	42	1,070,167	60,476	781	371,389	946,779	1,572,658
Lowell, Mass	12	43,940	2,762	44	23,232	24,276	56,665
Lynn, Mass	12	22,715	4,426	30	19,460	14,171	39,990
Macon, Ga	3	44,200	8,740	67	33,896	53,820	120,300
Malden, Mass	3	1,750	358	6	2,160	369	4,194
Manchester, N. H	8	18,950	2,366	40	24,544	16,878	52,640
Memphis, Tenn	5	56,625	27,881	127	52,532	240,900	391,100
Meriden, Conn	5	66,500	6,196	37	22,980	21,635	62,035
Milwaukee, Wis	42	215,375	16,796	212	96,450	121,267	275,702
Minneapolis, Minn	28	171,918	14,430	172	99,136	126,016	277,696
Mobile, Ala	3	63,800	5,127	27	13,520	64,290	107,880
Muskegon, Mich	3	12,070	2,347	10	4,718	5,865	13,650
Nashville, Tenn	11	279,057	15,973	225	121,750	307,705	571,996
New Albany, Ind	4	7,380	708	19	8,646	11,420	23,875
Newark, N. J	42	538,854	43,336	755	471,575	576,760	1,323,635
New Bedford, Mass	6	19,645	1,513	26	16,536	15,055	36,964
Newburg, N. Y	3	12,645	1,343	9	5,648	3,295	10,370
New Haven, Conn	19	41,715	4,857	66	36,554	23,418	77,052
New Orleans, La	35	378,659	34,112	219	145,675	365,051	660,683
Newport, Ky	5	12,275	839	11	6,548	5,800	15,500
Newton, Mass	8	11,785	3,148	22	12,847	5,541	24,847
New York, N. Y	203	1,011,860	129,968	1,028	753,814	636,786	1,824,729
Norfolk, Va	4	13,775	1,260	18	9,164	6,240	19,766
Oakland, Cal	9	38,730	3,798	30	23,104	18,696	50,566
Omaha, Neb	16	185,370	13,122	123	100,432	108,086	276,404
Oshkosh, Wis	7	15,585	1,340	12	4,898	8,577	16,482
Oswego, N. Y	5	13,440	1,185	12	5,985	4,745	13,250
Paterson, N. J	10	26,640	4,016	32	15,981	13,106	32,549
Pawtucket, R. I	5	12,286	786	9	5,402	6,943	15,915
Peoria, Ill	11	96,230	6,530	76	48,194	65,979	143,000
Petersburg, Va	3	17,250	718	14	5,948	4,761	14,780
Philadelphia, Pa	178	713,680	66,548	677	406,352	523,962	1,245,191
Pittsburg, Pa	34	232,952	17,996	153	90,073	115,883	274,643
Portland, Me	14	20,870	3,335	45	22,804	20,200	53,847
Portland, Ore	6	139,996	9,690	63	33,872	85,096	161,472
Poughkeepsie, N. Y	6	20,690	1,561	18	10,751	10,628	24,805
Providence, R. I	27	81,184	11,314	125	69,780	55,265	153,524
Pueblo, Colo	3	30,700	3,314	19	16,294	17,559	54,470
Quincy, Ill	7	38,385	8,017	139	70,464	122,620	220,200
Racine, Wis	7	14,395	1,049	10	5,418	9,457	28,862
Reading, Pa	9	41,350	2,345	32	14,704	12,187	31,514
Richmond, Va	15	100,867	7,385	102	55,852	54,697	156,010
Rochester, N. Y	24	229,030	10,317	118	67,722	125,698	238,467
Rockford, Ill	5	37,825	1,077	17	8,829	8,385	21,700
Sacramento, Cal	10	103,251	8,019	137	98,559	94,120	225,279
Saginaw, Mich	9	36,185	2,089	31	18,492	15,208	40,050
St. Joseph, Mo	8	153,145	3,005	146	77,304	173,050	270,250
St. Louis, Mo	110	2,160,963	109,431	1,212	810,044	1,348,947	2,803,961
St. Paul, Minn	23	329,060	22,502	241	161,906	245,585	518,720
Salem, Mass	8	10,475	1,380	18	10,204	8,266	22,346
Salt Lake, Utah	6	56,200	4,872	57	38,392	55,756	97,201
San Antonio, Tex	9	181,500	14,728	91	62,077	140,237	281,798
San Francisco, Cal	53	1,357,793	63,193	508	297,483	423,570	932,313
Savannah, Ga	5	5,740	1,118	12	7,307	4,158	14,638
Scranton, Pa	5	19,392	2,245	26	11,592	27,837	47,901
Seattle, Wash	6	22,610	4,134	21	17,040	29,200	63,525

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

38.—SADDLERY AND HARNESS—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Sioux city, Iowa	10	$128,325	$8,696	69	$40,188	$62,698	$114,260
Somerville, Mass	3	7,820	477	9	5,600	7,060	15,200
South Bend, Ind	4	38,900	500	20	9,477	13,400	24,210
Springfield, Ill	8	34,875	3,428	28	15,070	13,270	34,077
Springfield, Mass	15	84,837	5,936	85	49,853	52,962	124,259
Springfield, Mo	3	50,230	2,998	21	10,836	47,111	64,711
Springfield, Ohio	8	18,300	2,146	14	6,826	16,567	33,535
Syracuse, N. Y	24	103,597	12,417	110	48,676	79,738	176,437
Tacoma, Wash	3	27,725	2,049	13	10,992	21,000	42,500
Taunton, Mass	9	11,855	1,425	14	7,713	5,802	19,750
Terre Haute, Ind	8	15,770	2,977	26	11,777	20,712	38,525
Toledo, Ohio	12	33,754	5,059	52	25,372	34,327	71,000
Topeka, Kan	5	45,650	1,917	24	13,360	24,068	49,212
Trenton, N. J	12	43,740	4,163	34	22,864	23,336	63,360
Troy, N. Y	13	42,220	2,649	53	30,637	31,244	77,020
Utica, N. Y	9	44,975	2,503	26	11,666	12,153	30,422
Washington, D. C	36	112,041	10,586	106	58,636	50,082	147,245
Waterbury, Conn	4	12,200	3,486	20	12,600	11,459	32,123
Wheeling, W. Va	7	66,045	4,402	48	22,699	28,016	82,318
Wichita, Kan	8	98,151	4,819	56	40,120	71,440	130,950
Wilkesbarre, Pa	7	39,325	3,307	23	14,199	12,449	35,249
Williamsport, Pa	8	32,653	2,350	29	15,057	17,393	41,361
Wilmington, Del	12	76,550	3,679	42	24,459	29,705	69,800
Woonsocket, R. I	4	69,548	7,060	56	28,580	74,069	128,000
Worcester, Mass	20	39,850	4,703	58	35,476	33,978	100,241
Yonkers, N. Y	10	14,350	2,051	22	13,202	11,051	33,008
York, Pa	9	11,274	963	15	6,075	9,432	21,750
Youngstown, Ohio	4	6,125	831	15	9,054	9,859	20,300
Zanesville, Ohio	4	3,162	890	10	4,215	4,644	11,000
All other cities (a)	11	65,630	3,341	43	25,443	34,083	73,460

a Embraces Allentown, Pa., 2; Elizabeth, N. J., 2; Gloucester, Mass., 2; McKeesport, Pa., 2; Montgomery, Ala., 1; Wilmington, N. C., 2.

39.—SHIRTS.

Total	783	12,212,608	1,983,410	26,746	9,119,219	12,832,630	28,429,841
Albany, N. Y	9	15,710	2,507	147	43,974	25,707	81,374
Baltimore, Md	18	418,400	43,265	1,311	345,407	597,953	1,191,918
Binghamton, N. Y	3	6,325	518	19	6,721	4,896	14,806
Boston, Mass	19	513,773	48,123	563	227,311	411,848	775,010
Bridgeport, Conn	4	240,258	7,960	240	47,358	201,977	306,750
Brooklyn, N. Y	35	270,234	19,053	580	172,856	114,534	338,618
Buffalo, N. Y	6	122,141	3,810	847	124,610	113,620	274,000
Chicago, Ill	38	1,136,025	67,882	1,390	581,784	941,543	1,854,654
Cincinnati, Ohio	49	74,240	10,769	239	85,952	73,676	209,130
Cleveland, Ohio	6	43,280	4,707	95	50,097	65,431	146,500
Columbus, Ohio	3	4,060	2,059	37	12,049	12,353	31,360
Covington, Ky	22	10,145	2,038	53	15,936	1,800	24,450
Dayton, Ohio	4	54,406	3,316	147	40,802	81,807	148,210
Fort Wayne, Ind	3	51,170	2,247	99	25,560	64,701	107,800
Grand Rapids, Mich	4	12,409	1,306	61	18,001	27,037	65,820
Hartford, Conn	4	14,345	1,560	23	10,556	13,220	35,000
Indianapolis, Ind	3	11,944	2,715	82	21,786	27,465	60,700
Jersey city, N. J	4	2,725	757	22	6,184	2,943	11,533
Louisville, Ky	7	25,579	4,109	78	23,208	14,058	53,724
Milwaukee, Wis	4	5,128	1,073	24	9,466	7,788	22,748
Minneapolis, Minn	6	44,567	7,493	135	62,052	59,193	107,168
Newark, N. J	7	89,138	7,737	245	82,685	92,948	201,168
Newburg, N. Y	3	11,400	1,000	90	14,187	19,845	37,250
New Haven, Conn	3	18,875	2,656	48	19,970	8,088	38,050
New Orleans, La	5	30,885	5,584	529	55,210	155,280	233,000
Newport, Ky	4	1,589	374	11	4,004	2,000	7,700
New York, N. Y	247	2,679,928	607,258	5,065	2,423,149	3,573,974	8,401,216
Omaha, Neb	3	2,800	957	19	7,572	6,330	19,000
Philadelphia, Pa	59	1,349,950	425,262	1,544	626,647	1,339,963	2,741,975
Portland, Ore	3	8,775	930	32	22,510	24,297	55,620
St. Louis, Mo	25	176,935	20,856	482	152,236	276,048	534,895
St. Paul, Minn	4	5,110	1,028	31	13,649	13,542	33,820
San Francisco, Cal	49	311,571	63,571	1,085	465,450	931,766	1,708,778
Syracuse, N. Y	11	44,520	5,983	270	65,701	86,096	184,780
Toledo, Ohio	3	4,150	673	18	5,792	2,450	11,660
Troy, N. Y	12	3,643,317	534,217	8,713	2,474,255	2,476,156	6,217,785
Utica, N. Y	3	3,170	827	16	5,346	4,648	14,093
Washington, D. C	3	2,565	706	21	7,590	4,581	15,265
Worcester, Mass	4	8,050	1,304	51	21,251	14,155	42,793
All other cities (a)	84	739,966	65,160	2,284	719,745	936,913	2,009,774

a Embraces Akron, Ohio, 1; Allentown, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Augusta, Ga., 1; Canton, Ohio, 1; Chattanooga, Tenn., 1; Dallas, Tex., 2; Denver, Colo., 1; Des Moines, Iowa, 2; Detroit, Mich., 2; Duluth, Minn., 1; Elizabeth, N. J., 2; Elmira, N. Y., 2; Evansville, Ind., 1; Fitchburg, Mass., 1; Harrisburg, Pa., 1; Haverhill, Mass., 1; Houston, Tex., 1; Jackson, Mich., 1; Kansas city, Mo., 1; Knoxville, Tenn., 1; Lancaster, Pa., 2; Lewiston, Me., 1; Lincoln, Neb., 1; Los Angeles, Cal., 2; Lynn, Mass., 1; Macon, Ga., 1; Mobile, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 2; New Bedford, Mass., 1; Newton, Mass., 1; Norfolk, Va., 1; Oakland, Cal., 1; Paterson, N. J., 2; Peoria, Ill., 1; Petersburg, Va., 1; Pittsburg, Pa., 2; Portland, Me., 1; Poughkeepsie, N. Y., 2; Providence, R. I., 2; Quincy, Ill., 1; Reading, Pa., 2; Richmond, Va., 2; Rochester, N. Y., 1; Sacramento, Cal., 2; Saginaw, Mich., 1; St. Joseph, Mo., 1; South Bend, Ind., 2; Springfield, Ill., 1; Springfield, Mass., 1; Springfield, Mo., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Topeka, Kan., 2; Trenton, N. J., 2; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 2; Wilmington, N. C., 1; Yonkers, N. Y., 2; Zanesville, Ohio, 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

40.—SILK AND SILK GOODS.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	362	$31,201,065	$2,836,282	33,644	$13,782,271	$31,165,531	$56,851,399
Allentown, Pa	3	667,500	38,112	946	292,495	1,165,920	1,694,342
Baltimore, Md	3	15,500	2,627	24	5,825	7,634	30,000
Boston, Mass	5	223,600	17,149	323	123,864	91,641	249,000
Bridgeport, Conn	3	145,293	12,884	117	48,898	73,070	160,500
Brooklyn, N. Y	11	784,987	71,928	799	278,446	507,185	1,049,475
Chicago, Ill	10	422,096	35,761	805	295,636	314,855	785,845
Jersey city, N. J	7	593,900	50,964	820	327,320	565,757	1,066,000
New York, N. Y	146	7,771,030	798,488	9,460	4,144,575	6,897,943	13,579,462
Paterson, N. J	90	12,533,491	891,713	11,596	5,021,768	12,758,523	22,058,624
Philadelphia, Pa	43	4,747,759	687,533	4,145	1,639,505	3,536,922	8,059,604
San Francisco, Cal	9	112,283	10,438	214	83,566	146,406	271,912
Scranton, Pa	3	409,000	19,250	905	170,428	1,614,710	2,055,200
Yonkers, N. Y	4	341,100	75,155	559	347,402	498,395	1,097,580
All other cities (a)	25	2,433,526	124,280	2,931	1,002,543	2,986,570	4,693,855

a Embraces Altoona, Pa., 1; Auburn, N. Y., 1; Camden, N. J., 1; Cincinnati, Ohio, 2; Cleveland, Ohio, 1; Harrisburg, Pa., 1; Hoboken, N. J., 2; Holyoke, Mass., 1; Long Island city, N. Y., 1; New Haven, Conn., 2; Newton, Mass., 1; Oswego, N. Y., 1; Petersburg, Va., 1; Poughkeepsie, N. Y., 1; Providence, R. I., 2; Reading, Pa., 1; Rochester, N. Y., 1; St. Louis, Mo., 1; Springfield, Mass., 1; Wilkesbarre, Pa., 1; Worcester, Mass., 1.

41.—SLAUGHTERING AND MEAT PACKING, WHOLESALE.

Total	488	87,320,978	12,069,886	35,500	20,917,055	325,815,670	385,750,191
Albany, N. Y	6	23,500	3,961	42	18,209	141,527	173,509
Allegheny, Pa	7	140,860	7,104	55	27,140	233,876	294,065
Baltimore, Md	14	958,521	75,232	421	225,112	3,668,147	4,311,412
Bridgeport, Conn	4	103,950	4,320	52	40,300	414,424	582,818
Brooklyn, N. Y	20	903,828	67,692	301	232,915	5,348,494	6,234,618
Buffalo, N. Y	6	2,545,560	111,501	674	366,313	6,466,186	7,719,970
Camden, N. J	4	111,800	3,825	43	26,340	259,781	330,740
Chicago, Ill	41	38,878,995	6,160,722	17,439	10,691,602	164,739,508	194,119,148
Cincinnati, Ohio	29	1,917,405	116,770	629	416,304	5,741,815	6,993,303
Cleveland, Ohio	9	630,060	28,597	427	259,353	4,330,402	4,810,993
Columbus, Ohio	3	35,440	475	24	13,360	111,687	138,676
Covington, Ky	4	90,200	2,820	35	18,000	161,480	266,450
Davenport, Iowa	5	392,900	10,395	107	37,593	328,122	409,473
Dayton, Ohio	4	63,750	3,842	57	38,200	265,436	336,928
Denver, Colo	3	200,150	23,946	68	58,242	1,415,849	1,625,711
Detroit, Mich	3	675,163	37,809	277	168,000	2,445,156	2,770,178
Dubuque, Iowa	5	219,180	26,806	230	75,900	1,610,155	1,758,374
Evansville, Ind	3	43,000	3,841	84	15,188	146,990	198,642
Indianapolis, Ind	3	925,000	101,955	822	389,080	4,621,907	5,403,018
Jersey city, N. J	3	57,200	5,120	51	37,030	664,501	731,652
Kansas city, Kan	6	8,964,586	3,058,931	4,617	2,558,526	32,284,123	39,927,192
Lacrosse, Wis	3	77,900	5,145	41	9,780	84,960	102,070
Louisville, Ky	8	1,261,643	123,381	346	117,782	1,877,334	2,378,605
Milwaukee, Wis	4	2,053,530	89,466	680	351,614	7,261,616	7,890,117
Minneapolis, Minn	3	123,200	27,292	92	62,912	314,025	468,115
Newark, N. J	10	364,510	73,452	170	125,712	2,040,770	2,325,396
New Haven, Conn	3	357,000	12,317	308	147,458	2,597,264	3,043,257
New York, N. Y	16	2,615,868	233,774	875	666,012	16,650,035	19,122,072
Oshkosh, Wis	3	31,300	1,462	9	6,044	94,921	112,870
Pawtucket, R. I	3	495,000	31,253	125	86,912	2,670,000	2,895,191
Philadelphia, Pa	81	2,857,441	118,660	770	540,540	7,498,249	9,146,513
Pittsburg, Pa	4	321,500	37,261	79	54,612	1,140,965	1,341,900
Portland, Ore	5	439,600	16,718	100	103,400	1,222,330	1,570,935
Poughkeepsie, N. Y	3	48,869	949	22	9,808	100,567	120,300
Providence, R. I	6	245,500	13,641	162	97,054	1,520,940	1,695,105
Quincy, Ill	3	103,400	20,288	93	29,854	581,369	656,321
St. Louis, Mo	34	2,849,586	80,304	592	400,043	7,199,619	8,502,430
St. Paul, Minn	6	448,600	14,067	78	51,176	659,636	783,370
San Francisco, Cal	5	439,100	24,484	63	50,067	528,773	661,011
Sioux city, Iowa	3	1,662,736	192,373	626	326,495	6,872,132	7,589,228
Springfield, Mass	4	103,550	7,531	66	46,388	385,569	502,136
Syracuse, N. Y	4	236,500	13,192	71	32,796	414,945	491,283
Troy, N. Y	9	80,067	8,110	69	28,105	199,861	283,073
Washington, D. C	24	113,230	10,274	109	57,083	664,754	853,439
Wilmington, Del	3	142,500	3,392	42	24,600	235,450	302,460
Yonkers, N. Y	3	57,440	5,114	23	15,664	103,143	139,843
All other cities (a)	56	11,900,360	1,050,322	3,425	1,756,747	27,492,877	33,658,276

a Embraces Akron, Ohio, 1; Allentown, Pa., 2; Bay city, Mich., 2; Binghamton, N. Y., 1; Bloomington, Ill., 1; Boston, Mass., 1; Brockton, Mass., 1; Burlington, Iowa, 1; Cambridge, Mass., 2; Chester, Pa., 1; Des Moines, Iowa, 1; Fall River, Mass., 2; Fort Wayne, Ind., 2; Harrisburg, Pa., 1; Hoboken, N. J., 1; Holyoke, Mass., 1; Kansas city, Mo., 1; Kingston, N. Y., 1; Knoxville, Tenn., 2; Lexington, Ky., 2; Los Angeles, Cal., 2; Manchester, N. H., 1; Oakland, Cal., 1; Paterson, N. J., 1; Peoria, Ill., 1; Richmond, Va., 1; Sacramento, Cal., 1; St. Joseph, Mo., 2; Scranton, Pa., 2; Somerville, Mass., 1; Springfield, Ill., 2; Springfield, Ohio, 2; Tacoma, Wash., 1; Toledo, Ohio, 1; Topeka, Kan., 1; Trenton, N. J., 2; Wheeling, W. Va., 2; Wichita, Kan., 2; Wilkesbarre, Pa., 2; Worcester, Mass., 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

42.—SOAP AND CANDLES.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	Average number of employés and total wages.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	423	$23,419,766	$3,113,900	8,415	$4,557,648	$27,162,114	$40,948,130
Albany, N. Y	3	36,500	1,568	11	6,536	17,791	28,172
Allegheny, Pa	4	736,729	56,626	171	83,812	575,063	817,743
Baltimore, Md	4	426,252	29,517	151	79,600	359,513	614,124
Boston, Mass	17	446,791	89,598	286	138,583	532,450	787,518
Brooklyn, N. Y	20	570,642	31,877	198	128,360	489,701	787,888
Buffalo, N. Y	13	1,350,535	234,054	490	205,594	1,315,428	2,073,547
Cambridge, Mass	8	561,769	39,610	292	160,676	978,362	1,303,870
Chelsea, Mass	4	7,000	576	10	6,680	7,930	17,400
Chicago, Ill	16	4,512,545	632,309	1,074	582,728	7,237,639	9,487,542
Cincinnati, Ohio	16	1,699,809	105,589	727	307,377	2,834,975	3,826,480
Cleveland, Ohio	4	53,557	3,291	24	17,408	39,746	71,000
Dayton, Ohio	4	16,600	1,100	16	8,750	20,662	41,280
Detroit, Mich	3	143,300	10,248	67	31,974	112,113	222,901
Indianapolis, Ind	4	46,800	2,889	27	14,050	51,429	95,692
Jersey city, N. J	3	1,094,300	355,647	491	226,476	756,488	1,554,270
Kansas city, Kan	3	64,804	11,775	28	17,485	86,939	140,299
Louisville, Ky	3	425,923	8,374	74	33,379	186,260	254,292
Lowell, Mass	3	59,135	1,975	13	6,848	30,401	44,885
Lynn, Mass	4	56,265	16,900	23	12,803	43,320	86,355
Milwaukee, Wis	9	349,050	51,819	131	64,774	342,952	510,966
New Bedford, Mass	3	32,750	830	27	14,922	44,511	80,170
New Haven, Conn	3	13,200	1,611	10	7,156	47,948	73,970
New Orleans, La	11	201,095	4,581	83	46,908	133,477	221,164
New York, N. Y	32	2,106,241	550,241	1,079	704,215	3,099,970	5,518,668
Oswego, N. Y	3	7,825	328	5	1,800	13,922	18,509
Philadelphia, Pa	42	1,873,911	388,257	610	341,145	1,496,052	2,788,746
Pittsburg, Pa	6	146,128	4,770	56	34,014	147,406	224,449
Portland, Me	3	11,277	3,438	8	5,231	28,730	52,200
Providence, R. I	8	110,809	27,558	210	90,828	544,275	748,252
Reading, Pa	3	39,975	1,042	13	5,388	18,977	29,303
Richmond, Va	3	5,925	621	9	3,092	10,082	18,150
Rochester, N. Y	4	120,200	4,709	26	16,060	32,100	65,200
St. Louis, Mo	10	806,301	46,824	246	136,437	917,150	1,203,496
San Francisco, Cal	15	766,300	92,154	217	153,886	655,986	992,700
Seattle, Wash	3	28,500	5,035	18	13,260	22,500	47,500
Springfield, Mass	3	105,005	10,506	31	21,403	87,641	143,044
Syracuse, N. Y	4	202,600	10,457	102	47,060	154,850	231,080
Woonsocket, R. I	3	21,135	615	7	3,600	36,387	42,230
Worcester, Mass	3	6,645	1,474	8	4,964	5,430	13,375
Zanesville, Ohio	3	133,344	34,085	107	54,852	500,389	648,099
All other cities (a)	113	4,022,204	230,422	1,230	716,514	3,145,169	5,021,601

a Embraces Akron, Ohio, 2; Atlanta, Ga., 1; Bay city, Mich., 2; Binghamton, N. Y., 2; Birmingham, Ala., 1; Bloomington, Ill., 1; Bridgeport, Conn., 1; Camden, N. J., 2; Canton, Ohio, 1; Charleston, S. C., 1; Cohoes, N. Y., 2; Columbus, Ohio, 2; Covington, Ky., 1; Dallas, Tex., 1; Davenport, Iowa, 1; Denver, Colo., 2; Des Moines, Iowa, 2; Dubuque, Iowa, 1; Elmira, N.Y., 2; Erie, Pa., 1; Evansville, Ind., 1; Fall River, Mass., 2; Fitchburg, Mass., 1; Fort Wayne, Ind., 1; Galveston, Tex., 1; Gloucester, Mass., 1; Harrisburg, Pa., 2; Hartford, Conn., 1; Hoboken, N. J., 1; Houston, Tex., 2; Jackson, Mich., 1; Johnstown, Pa., 1; Kansas city, Mo., 2; Kingston, N. Y., 2; Lacrosse, Wis., 2; Lancaster, Pa., 1; Lawrence, Mass., 2; Lexington, Ky., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 1; Manchester, N. H., 1; Minneapolis, Minn., 2; Montgomery, Ala., 1; Nashville, Tenn., 1; Newark, N. J., 2; Newburg, N. Y., 2; Norfolk, Va., 1; Oakland, Cal., 1; Omaha, Neb., 2; Oshkosh, Wis., 1; Paterson, N. J., 1; Pawtucket, R. I., 2; Peoria, Ill., 2; Petersburg, Va., 1; Portland, Ore., 2; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Rockford, Ill., 2; Sacramento, Cal., 1; Saginaw, Mich., 1; St. Paul, Minn., 1; Salt Lake, Utah, 2; San Antonio, Tex., 2; Savannah, Ga., 1; Scranton, Pa., 1; Sioux city, Iowa, 1; Somerville, Mass., 2; South Bend, Ind., 1; Springfield, Ill., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 2; Trenton, N. J., 1; Utica, N. Y., 2; Washington, D. C., 1; Wichita, Kan., 2; Wilksbarre, Pa., 2; York, Pa., 1; Youngstown, Ohio, 1.

43.—STEAM FITTINGS AND HEATING APPARATUS.

Total	176	15,531,707	1,357,730	10,869	7,047,352	9,907,866	21,423,012
Boston, Mass	15	871,035	93,933	950	612,522	996,735	1,955,765
Bridgeport, Conn	3	1,199,422	43,042	807	539,068	524,487	1,208,820
Brooklyn, N. Y	4	67,500	4,170	83	60,444	111,803	222,287
Chicago, Ill	16	2,626,623	349,805	2,224	1,269,260	1,552,224	3,921,738
Cincinnati, Ohio	3	185,500	7,425	158	89,800	82,616	259,500
Detroit, Mich	7	602,950	66,853	463	282,945	473,570	1,017,625
Jersey city, N. J	3	829,600	43,210	441	302,813	301,225	858,000
Louisville, Ky	3	178,189	13,933	91	55,062	133,426	232,633
Milwaukee, Wis	5	569,153	50,005	510	303,018	284,676	757,959
Minneapolis, Minn	3	10,225	395	20	14,068	11,737	27,050
New York, N. Y	22	2,056,202	423,171	1,470	1,271,439	2,137,441	4,131,235
Philadelphia, Pa	12	621,809	18,349	365	229,590	383,950	823,944
Pittsburg, Pa	4	185,184	17,107	118	71,894	185,698	349,970
St. Louis, Mo	9	254,115	16,627	155	118,895	295,618	514,517
San Francisco, Cal	4	13,150	2,418	28	14,416	13,216	43,400
Utica, N. Y	4	324,420	28,414	195	130,183	113,245	328,939
All other cities (a)	59	4,936,626	178,873	2,791	1,681,326	2,216,199	4,775,230

a Embraces Akron, Ohio, 1; Albany, N. Y., 2; Baltimore, Md., 2; Bloomington, Ill., 1; Buffalo, N. Y., 1; Cambridge, Mass., 1; Canton, Ohio, 1; Cleveland, Ohio, 2; Cohoes, N. Y., 1; Columbus, Ohio, 1; Dayton, Ohio, 1; Denver, Colo., 1; Des Moines, Iowa, 2; Dubuque, Iowa, 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Erie, Pa., 2; Evansville, Ind., 1; Fort Wayne, Ind., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Indianapolis, Ind., 1; Kansas city, Kan., 1; Kansas city, Mo., 1; Lawrence, Mass., 1; Lynn, Mass., 1; New Bedford, Mass., 1; New Haven, Conn., 2; New Orleans, La., 1; Oshkosh, Wis., 1; Oswego, N. Y., 1; Paterson, N. J., 2; Peoria, Ill., 1; Portland, Ore., 2; Providence, R. I., 2; Reading, Pa., 1; Rochester, N. Y., 1; St. Joseph, Mo., 1; Salem, Mass., 1; South Bend, Ind., 1; Springfield, Ohio, 1; Syracuse, N. Y., 2; Terre Haute, Ind., 1; Troy, N. Y., 1; Wilmington, Del., 2; Worcester, Mass., 1; York, Pa., 1.

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

44.—TOBACCO, CHEWING, SMOKING, AND SNUFF.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Total	175	$20,497,340	$13,996,847	17,531	$5,925,540	$21,518,115	$47,786,160
Baltimore, Md	6	2,203,619	928,023	1,221	374,101	1,534,205	3,216,247
Brooklyn, N. Y	5	352,973	269,121	530	223,263	610,519	1,253,991
Chicago, Ill	8	685,995	587,532	464	215,824	500,841	1,433,272
Cincinnati, Ohio	8	73,259	66,562	80	30,340	53,720	164,326
Cleveland, Ohio	3	103,000	10,275	292	151,163	234,105	490,000
Covington, Ky	9	629,300	218,340	423	159,450	402,750	986,750
Dayton, Ohio	3	73,583	54,982	73	21,481	66,364	166,242
Detroit, Mich	5	1,586,460	1,309,858	1,352	408,425	2,383,032	4,742,412
Louisville, Ky	11	1,530,203	1,880,319	1,642	520,695	2,220,314	5,145,208
Milwaukee, Wis	4	683,774	523,567	264	125,960	353,896	1,212,668
New Orleans, La	5	115,238	32,871	171	58,451	128,728	282,080
New York, N. Y	13	1,319,123	426,056	613	286,729	614,643	2,107,595
Petersburg, Va	11	1,188,598	668,745	2,142	450,771	1,116,396	2,422,141
Philadelphia, Pa	5	812,845	154,520	186	103,621	296,355	779,992
Quincy, Ill	3	235,900	136,825	171	56,091	221,975	578,500
Richmond, Va	23	2,450,375	1,271,713	3,436	833,952	1,833,964	4,598,269
St. Louis, Mo	12	3,894,320	4,084,125	2,826	1,352,906	7,641,668	14,354,165
San Francisco, Cal	3	19,410	10,514	30	14,696	61,352	90,995
Springfield, Mo	3	114,800	23,163	60	16,658	20,196	63,933
All other cities (a)	35	2,424,565	1,339,736	1,555	520,934	1,223,692	3,691,409

a Embraces Albany, N. Y., 2; Atlanta, Ga., 1; Auburn, N. Y., 1; Binghamton, N. Y., 1; Dubuque, Iowa, 1; Elmira, N. Y., 1; Evansville, Ind., 1; Kansas city, Mo., 1; Kingston, N. Y., 1; Knoxville, Tenn., 1; Lexington, Ky., 1; Minneapolis, Minn., 2; Nashville, Tenn., 2; Newark, N. J., 1; Newburg, N. Y., 1; Nowport, Ky., 1; Paterson, N. J., 1; Pittsburg, Pa., 1; Reading, Pa., 2; Rochester, N. Y., 2; Rockford, Ill., 1; St. Paul, Minn., 2; Scranton, Pa., 1; Toledo, Ohio, 2; Utica, N. Y., 1; Wheeling, W. Va., 2; Zanesville, Ohio, 1.

45.—TOBACCO, CIGARS AND CIGARETTES.

Total	7,464	45,702,855	13,181,991	71,006	33,617,586	38,383,941	97,473,307
Akron, Ohio	7	10,486	2,582	28	8,194	6,320	20,150
Albany, N. Y	91	360,070	85,274	681	279,082	277,739	709,861
Allegheny, Pa	70	245,388	247,290	853	252,470	190,914	737,619
Allentown, Pa	29	147,738	30,361	170	63,895	98,932	208,007
Altoona, Pa	5	8,087	5,230	25	11,327	14,163	37,495
Auburn, N. Y	18	23,293	7,302	35	14,860	7,899	32,090
Baltimore, Md	344	1,321,570	332,064	2,021	865,992	988,431	2,690,086
Bay city, Mich	10	21,904	7,756	50	29,773	25,259	77,842
Binghamton, N. Y	57	1,551,752	437,384	2,674	920,128	1,055,480	2,733,160
Birmingham, Ala	3	3,780	1,308	7	2,587	4,713	9,130
Bloomington, Ill	9	39,364	9,954	53	27,247	25,436	74,497
Boston, Mass	133	914,829	231,203	1,508	775,707	1,170,668	2,360,085
Bridgeport, Conn	10	34,136	6,961	42	26,605	23,240	66,255
Brooklyn, N. Y	549	1,103,024	318,582	1,740	955,785	904,046	2,465,274
Buffalo, N. Y	163	610,480	104,315	642	326,933	277,160	818,868
Burlington, Iowa	16	69,110	16,275	98	44,277	44,674	115,195
Cambridge, Mass	13	16,350	5,673	40	22,749	16,272	54,431
Camden, N. J	24	33,380	14,085	93	49,407	38,594	113,661
Canton, Ohio	20	19,996	8,416	60	22,171	20,497	55,062
Charleston, S. C	5	8,655	5,235	23	10,649	8,834	27,100
Chelsea, Mass	10	17,475	6,756	51	21,040	22,825	66,293
Chester, Pa	7	12,765	3,600	26	11,488	8,956	20,347
Chicago, Ill	371	1,729,234	438,324	2,551	1,405,103	1,806,888	4,167,419
Cincinnati, Ohio	337	1,354,071	481,899	2,762	1,183,603	1,133,112	3,288,453
Cleveland, Ohio	121	190,941	79,053	482	242,306	196,629	576,681
Cohoes, N. Y	7	31,578	5,061	41	21,712	16,814	48,073
Columbus, Ohio	27	89,669	72,761	293	85,461	72,923	256,818
Council Bluffs, Iowa	5	9,460	2,577	19	10,220	10,879	25,576
Covington, Ky	30	82,815	17,912	107	47,722	37,158	121,880
Dallas, Tex	4	7,754	3,408	13	9,112	14,984	32,565
Davenport, Iowa	29	343,591	59,762	386	185,241	163,571	475,607
Dayton, Ohio	43	212,280	122,302	899	304,616	330,756	851,303
Denver, Colo	21	204,911	43,989	255	189,928	150,870	441,230
Des Moines, Iowa	10	76,354	11,326	68	41,574	28,309	90,540
Detroit, Mich	158	755,054	206,784	1,562	697,962	757,297	1,893,479
Dubuque, Iowa	7	24,614	6,347	39	17,135	19,005	48,244
Duluth, Minn	6	88,900	13,716	58	37,336	38,206	101,800
Elizabeth, N. J	11	19,120	5,438	37	23,848	27,100	66,890
Elmira, N. Y	26	74,956	14,806	127	51,200	37,728	125,586
Erie, Pa	14	62,348	10,926	87	40,911	35,351	105,326
Evansville, Ind	29	111,933	26,646	173	78,114	67,793	190,768
Fall River, Mass	3	8,900	1,833	16	9,369	6,740	18,250
Fort Wayne, Ind	18	67,847	21,154	101	54,312	74,885	190,985
Gloucester, Mass	3	21,525	2,737	16	9,842	12,656	31,580
Grand Rapids, Mich	28	108,497	24,172	163	82,389	76,819	207,281
Harrisburg, Pa	24	85,782	14,352	120	49,761	37,097	109,626
Hartford, Conn	22	81,145	23,226	158	89,595	112,788	241,891
Haverhill, Mass	3	2,240	832	6	2,216	2,071	5,490
Hoboken, N. J	12	40,008	6,314	34	17,577	11,315	35,532
Holyoke, Mass	9	18,251	5,315	31	17,233	16,622	49,955

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

45.—TOBACCO, CIGARS AND CIGARETTES—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Indianapolis, Ind	72	$112,716	$45,984	261	$127,709	$117,596	$320,334
Jackson, Mich	4	20,000	4,235	35	15,805	14,200	35,113
Jersey city, N. J	80	157,156	33,058	192	98,024	103,976	285,736
Joliet, Ill	7	17,817	4,381	41	21,749	19,419	47,439
Kansas city, Kan	4	6,196	1,459	7	3,125	2,159	6,817
Kansas city, Mo	3	7,175	1,829	16	9,672	9,229	25,168
Kingston, N. Y	13	833,219	112,361	418	206,885	481,979	1,188,555
Knoxville, Tenn	4	35,740	12,451	34	22,666	19,813	58,500
Lacrosse, Wis	7	62,597	24,893	126	60,563	58,742	156,511
Lancaster, Pa	67	521,887	174,724	1,133	364,062	424,670	1,131,862
Lawrence, Mass	11	14,192	3,406	22	9,558	8,072	24,749
Lewiston, Me	5	16,157	4,045	27	11,340	14,160	35,150
Lincoln, Neb	5	13,984	5,855	31	15,819	15,038	40,875
Long Island city, N. Y	32	85,388	10,554	60	25,231	26,955	77,494
Los Angeles, Cal	12	30,795	8,220	48	27,367	19,313	50,855
Louisville, Ky	57	277,120	78,412	496	223,174	240,748	641,461
Lowell, Mass	6	21,398	3,426	32	15,301	11,714	31,976
Lynn, Mass	10	27,635	7,467	54	29,206	23,838	71,500
McKeesport, Pa	7	18,741	10,027	41	12,986	8,471	36,540
Macon, Ga	3	12,880	3,619	16	9,540	11,420	31,600
Manchester, N. H	7	52,630	12,821	96	51,885	80,495	165,133
Memphis, Tenn	6	27,476	10,797	74	40,790	42,301	112,349
Meriden, Conn	4	7,427	1,537	13	7,518	3,910	14,075
Milwaukee, Wis	169	584,449	158,971	950	412,958	480,747	1,253,938
Minneapolis, Minn	48	211,471	57,054	374	198,132	217,134	564,544
Mobile, Ala	13	55,955	16,286	134	63,321	69,747	183,882
Muskegon, Mich	15	43,118	8,652	64	26,598	25,032	69,179
Nashville, Tenn	7	10,255	4,353	24	11,616	9,803	28,080
New Albany, Ind	15	24,162	7,003	53	24,785	17,840	54,738
Newark, N. J	137	417,412	79,818	529	263,865	279,586	718,350
New Bedford, Mass	4	20,039	3,792	15	8,744	9,830	23,873
Newburg, N. Y	6	5,240	1,808	12	4,955	4,636	14,047
New Haven, Conn	37	151,511	31,613	226	131,617	98,502	292,347
New Orleans, La	77	379,302	263,865	1,942	753,578	509,798	1,569,145
Newport, Ky	13	21,015	5,698	31	15,496	11,629	37,010
New York, N. Y	1,282	15,073,719	3,838,092	21,483	11,596,976	14,112,568	33,452,430
Norfolk, Va	11	45,233	7,746	62	27,630	26,753	67,100
Oakland, Cal	13	22,340	7,731	52	32,325	19,068	58,665
Omaha, Neb	20	77,875	23,955	134	88,046	69,108	219,045
Oshkosh, Wis	18	70,271	15,390	90	40,520	45,125	111,450
Oswego, N. Y	3	4,730	2,759	26	8,229	6,259	19,456
Paterson, N. J	34	42,193	18,538	114	51,723	35,871	113,820
Pawtucket, R. I	11	56,993	9,450	69	37,427	38,085	105,697
Peoria, Ill	28	73,967	28,726	176	92,745	87,541	253,720
Petersburg, Va	3	3,975	1,856	12	4,835	8,940	20,440
Philadelphia, Pa	642	4,159,496	968,786	5,767	2,699,938	3,426,036	8,263,222
Pittsburg, Pa	74	386,302	267,103	843	325,384	248,264	1,043,393
Portland, Me	3	11,534	1,968	17	8,706	8,133	20,000
Portland, Ore	7	44,925	9,775	45	25,560	25,496	72,440
Poughkeepsie, N. Y	8	45,310	10,926	71	39,387	28,166	82,857
Providence, R. I	15	45,068	17,875	112	41,718	44,097	106,689
Pueblo, Colo	9	27,215	5,852	33	21,186	21,443	56,506
Quincy, Ill	31	85,563	18,799	108	49,738	47,775	122,044
Racine, Wis	11	23,382	3,560	30	13,343	12,387	33,943
Reading, Pa	38	433,610	126,742	945	382,264	433,429	1,078,517
Richmond, Va	44	1,639,073	994,834	2,050	657,559	1,339,005	3,372,162
Rochester, N. Y	63	1,026,100	443,929	874	303,778	691,349	1,607,131
Rockford, Ill	3	4,435	2,079	12	6,823	7,047	16,847
Sacramento, Cal	9	8,310	6,027	28	13,060	15,621	30,103
Saginaw, Mich	16	38,230	13,346	91	41,229	35,803	97,477
St. Joseph, Mo	11	22,025	9,619	67	37,532	21,209	64,067
St. Louis, Mo	296	787,520	200,073	1,232	623,633	555,863	1,558,401
St. Paul, Minn	47	269,477	60,007	350	198,083	206,767	532,181
Salem, Mass	7	8,355	2,511	16	5,850	5,669	14,818
Salt Lake, Utah	5	57,633	10,785	53	40,517	42,037	103,497
San Francisco, Cal	165	1,723,975	388,602	2,617	1,148,339	893,001	2,792,795
Savannah, Ga	4	2,781	1,463	10	4,215	3,180	9,547
Scranton, Pa	6	66,976	17,809	120	30,213	35,124	94,116
Seattle, Wash	8	22,900	8,981	40	31,145	32,841	84,869
Sioux city, Iowa	6	40,000	6,386	36	20,378	23,962	159,466
Somerville, Mass	3	1,385	514	5	1,556	944	3,210
South Bend, Ind	10	45,965	29,256	221	68,567	64,632	181,189
Springfield, Ill	15	35,865	12,173	76	38,720	40,416	104,177
Springfield, Mass	16	183,688	50,489	297	171,350	183,371	481,441
Springfield, Mo	4	9,303	4,561	30	15,480	15,989	38,814
Springfield, Ohio	4	5,050	3,127	19	10,297	6,383	21,375
Syracuse, N. Y	88	645,672	191,415	716	287,757	303,253	910,110
Tacoma, Wash	5	18,732	9,193	37	26,018	26,572	72,000
Taunton, Mass	6	3,651	1,852	18	7,083	4,274	15,211
Terre Haute, Ind	22	19,237	9,187	62	25,433	20,671	55,978
Toledo, Ohio	28	72,657	21,661	145	70,000	69,768	185,206
Topeka, Kan	11	22,275	8,561	49	23,396	23,194	61,665
Trenton, N. J	31	93,261	17,774	92	47,339	38,781	123,331
Troy, N. Y	43	299,634	36,982	306	143,561	173,865	406,794
Utica, N. Y	31	207,064	54,134	304	148,332	176,798	443,699

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

45.—TOBACCO, CIGARS AND CIGARETTES—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Washington, D. C	70	$114,782	$30,046	159	$83,279	$75,878	$211,767
Waterbury, Conn	4	10,278	2,771	17	9,400	12,602	30,702
Wheeling, W. Va	37	133,213	118,777	399	196,036	111,467	461,240
Wichita, Kan	7	16,725	4,853	30	14,730	11,639	32,908
Wilkesbarre, Pa	11	19,045	6,991	47	21,749	27,113	67,310
Williamsport, Pa	5	8,036	2,930	26	9,371	6,473	20,707
Wilmington, Del	21	40,282	13,612	85	39,464	22,605	79,957
Worcester, Mass	9	37,625	10,207	68	35,796	28,158	82,392
Yonkers, N. Y	11	20,409	7,166	26	13,400	13,193	39,669
York, Pa	33	283,127	97,272	546	161,439	138,098	446,221
Youngstown, Ohio	7	11,509	11,589	38	19,057	15,562	47,323
Zanesville, Ohio	20	23,326	21,398	103	26,748	23,525	83,484
All other cities (a)	23	81,903	23,368	131	78,781	75,799	201,180

a Embraces Atlanta, Ga., 2; Augusta, Ga., 1; Brockton, Mass., 1; Chattanooga, Tenn., 2; Fitchburg, Mass., 2; Fort Worth, Tex., 2; Galveston, Tex., 2; Houston, Tex., 1; Johnstown, Pa., 1; Lexington, Ky., 1; Little Rock, Ark., 2; Montgomery, Ala., 2; Newton, Mass., 1; San Antonio, Tex., 1; Woonsocket, R. I., 2.

46.—TRUNKS AND VALISES.

Total	358	6,353,908	615,145	6,463	3,366,586	4,366,782	10,223,189
Baltimore, Md	20	27,130	4,481	76	30,046	43,745	110,000
Boston, Mass	19	161,536	42,608	202	122,129	245,818	433,418
Brooklyn, N. Y	10	27,530	6,832	52	31,195	27,695	87,742
Buffalo, N. Y	7	20,250	4,568	40	21,955	25,455	71,500
Chicago, Ill	12	341,150	22,500	266	162,633	157,802	388,700
Cincinnati, Ohio	11	191,095	35,672	260	145,660	183,845	510,793
Cleveland, Ohio	4	77,750	8,443	116	56,948	45,508	155,600
Columbus, Ohio	4	37,305	2,931	46	18,024	19,840	48,000
Covington, Ky	4	3,915	1,900	12	6,900	10,620	23,800
Denver, Colo	3	36,550	5,828	26	24,422	14,662	71,000
Detroit, Mich	4	202,478	12,364	179	72,180	132,318	280,000
Indianapolis, Ind	4	7,220	2,031	23	14,722	11,977	32,125
Kansas city, Mo	4	10,597	8,422	28	17,229	8,050	48,000
Louisville, Ky	8	327,716	28,111	410	166,377	197,383	484,232
Milwaukee, Wis	5	851,548	28,082	495	179,739	256,090	614,054
Minneapolis, Minn	3	27,150	2,918	26	16,692	11,910	30,850
Newark, N. J	14	1,040,788	62,280	1,263	666,730	828,082	1,774,113
Newport, Ky	3	1,630	815	6	4,265	2,575	9,200
New York, N. Y	56	645,960	75,400	616	398,904	493,208	1,173,345
Omaha, Neb	3	15,950	2,583	14	10,624	7,410	24,600
Philadelphia, Pa	28	271,275	41,276	318	155,697	266,371	540,967
Pittsburg, Pa	5	13,192	2,044	21	10,010	8,370	26,519
Portland, Me	4	21,325	2,257	19	10,390	19,700	48,544
Portland, Ore	3	28,650	4,005	15	10,340	9,150	33,000
Racine, Wis	3	290,887	13,074	233	101,983	222,318	371,301
Rochester, N. Y	3	143,336	3,980	75	45,572	70,473	152,500
St. Louis, Mo	15	281,730	23,180	286	160,810	196,612	501,150
St. Paul, Minn	3	76,500	3,346	42	23,494	36,950	85,100
Salt Lake, Utah	3	5,950	2,335	16	9,249	8,200	30,400
San Francisco, Cal	7	217,870	18,410	146	103,537	179,713	358,057
Toledo, Ohio	3	46,310	4,645	52	29,124	58,309	112,412
Washington, D. C	4	28,735	3,749	44	24,270	40,970	87,450
All other cities (a)	79	872,900	134,075	1,090	514,716	525,653	1,449,757

a Embraces Allegheny, Pa., 2; Atlanta, Ga., 2; Birmingham, Ala., 2; Bloomington, Ill., 1; Burlington, Iowa, 2; Cambridge, Mass., 2; Camden, N. J., 2; Charleston, S. C., 1; Chattanooga, Tenn., 2; Dallas, Tex., 1; Davenport, Iowa, 1; Dayton, Ohio, 2; Des Moines, Iowa, 2; Dubuque, Iowa, 1; Duluth, Minn., 2; Evansville, Ind., 1; Fort Worth, Tex., 1; Galveston, Tex., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Holyoke, Mass., 1; Houston, Tex., 1; Jersey city, N. J., 1; Knoxville, Tenn., 1; Lacrosse, Wis., 1; Lewiston, Me., 1; Lincoln, Neb., 1; Los Angeles, Cal., 2; Lowell, Mass., 1; Macon, Ga., 1; Manchester, N. H., 1; Nashville, Tenn., 2; New Haven, Conn., 1; New Orleans, La., 2; Oakland, Cal., 2; Oshkosh, Wis., 2; Peoria, Ill., 1; Petersburg, Va., 1; Providence, R. I., 2; Pueblo, Colo., 1; Quincy, Ill., 2; Reading, Pa., 1; Richmond, Va., 1; Sacramento, Cal., 1; Saginaw, Mich., 1; St. Joseph, Mo., 1; San Antonio, Tex., 1; Savannah, Ga., 1; Seattle, Wash., 1; Sioux city, Iowa, 2; Springfield, Ill., 1; Tacoma, Wash., 1; Terre Haute, Ind., 1; Topeka, Kan., 1; Utica, N. Y., 1; Wichita, Kan., 1; Worcester, Mass., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

47.—UMBRELLAS AND CANES.

Total	420	5,490,881	950,868	6,520	3,060,164	7,374,126	13,358,869
Albany, N. Y	5	20,870	2,962	16	6,590	18,436	30,477
Augusta, Ga	3	255	257	4	1,276	873	3,175
Baltimore, Md	15	161,115	7,894	158	48,002	197,068	305,366
Boston, Mass	7	241,650	15,497	234	105,223	392,807	569,237
Brooklyn, N. Y	26	135,869	11,690	162	95,133	82,780	244,296
Buffalo, N. Y	6	18,377	945	15	6,646	6,166	21,290
Chicago, Ill	15	22,580	6,802	28	15,898	19,661	53,195
Cincinnati, Ohio	14	71,660	9,681	92	45,081	65,569	157,850
Cleveland, Ohio	7	24,530	4,306	30	18,376	32,620	69,796
Covington, Ky	4	3,770	341	4	2,180	1,400	4,460
Indianapolis, Ind	4	1,515	549	6	2,237	4,887	7,790
Jersey city, N. J	4	110,350	3,142	212	87,180	51,264	150,705
Milwaukee, Wis	3	15,932	545	6	2,438	5,820	10,027
Newark, N. J	5	6,100	1,477	19	7,730	4,762	15,081
New Orleans, La	5	1,790	1,030	7	2,482	1,320	5,720

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

47.—UMBRELLAS AND CANES—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
New York, N. Y	151	$1,296,734	$207,395	2,510	$1,367,711	$2,443,363	$4,905,535
Philadelphia, Pa	63	2,846,102	625,390	2,406	1,005,177	3,391,188	5,742,901
Providence, R. I	4	31,175	5,434	106	51,880	20,760	83,940
St. Louis, Mo	9	27,505	4,015	35	20,701	48,294	83,892
San Francisco, Cal	8	16,070	3,476	22	16,580	14,870	48,211
Troy, N. Y	3	4,100	1,137	5	2,150	4,066	7,960
Washington, D. C	4	10,525	2,196	15	5,227	7,290	16,590
Yonkers, N. Y	3	12,275	262	6	2,416	1,238	4,170
All other cities (*a*)	52	410,032	34,445	422	141,841	557,594	817,295

a Embraces Allentown, Pa., 1; Altoona, Pa., 1; Binghamton, N. Y., 1; Cambridge, Mass., 1; Charleston, S. C., 2; Columbus, Ohio, 1; Dallas, Tex., 1, Dayton, Ohio, 1; Detroit, Mich., 2; Elmira, N. Y., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 2; Haverhill, Mass., 1; Hoboken, N. J., 1; Kansas city, Mo., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Los Angeles, Cal., 1; Louisville, Ky., 2; Lowell, Mass., 1; Macon, Ga., 1; Memphis, Tenn., 1; Minneapolis, Minn., 1; New Haven, Conn., 1; Newport, Ky., 1; Oakland, Cal., 1; Oswego, N. Y., 1; Pittsburg, Pa., 1; Portland, Me., 2; Poughkeepsie, N. Y., 1; Reading, Pa., 2; Richmond, Va., 1; Rochester, N. Y., 2; Saginaw, Mich., 1; St. Paul, Minn., 1; Salem, Mass., 1; Seattle, Wash., 1; Syracuse, N. Y., 2; Trenton, N. J., 1; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Worcester, Mass., 1; Zanesville, Ohio, 1.

48.—WIREWORK, INCLUDING WIRE ROPE AND CABLE.

Total	362	8,308,711	552,073	6,032	3,181,297	5,954,971	11,565,886
Albany, N. Y	3	14,550	892	14	6,924	4,131	13,015
Baltimore, Md	3	63,975	1,856	67	36,362	26,577	77,419
Binghamton, N. Y	3	44,376	3,846	33	12,867	25,510	50,550
Boston, Mass	23	101,675	12,486	145	70,061	51,280	181,267
Brooklyn, N. Y	21	433,322	26,748	297	199,696	287,582	560,752
Buffalo, N. Y	5	79,600	3,763	59	20,626	37,045	83,250
Chicago, Ill	24	431,080	43,989	366	217,511	377,241	893,299
Cincinnati, Ohio	16	329,694	25,300	294	185,007	505,310	750,456
Cleveland, Ohio	10	261,268	14,040	263	136,310	329,719	495,460
Covington, Ky	6	326,170	11,790	293	115,050	296,350	607,780
Detroit, Mich	6	199,538	7,570	180	75,284	71,700	255,800
Holyoke, Mass	4	236,744	8,106	136	87,100	81,459	224,531
Indianapolis, Ind	3	3,509	963	11	4,150	3,510	10,200
Joliet, Ill	3	365,882	47,594	61	39,854	467,544	596,299
Los Angeles, Cal	4	2,122	621	5	2,200	3,692	6,900
Louisville, Ky	4	15,850	2,661	57	20,907	15,431	41,940
Lowell, Mass	5	86,590	7,822	110	51,468	49,842	129,893
Milwaukee, Wis	4	48,050	7,058	86	52,036	33,102	116,525
Minneapolis, Minn	3	42,100	8,895	62	35,630	48,362	111,717
Newark, N. J	6	56,394	6,419	100	43,896	31,905	98,086
New Haven, Conn	6	240,515	16,422	230	100,898	91,042	229,282
New York, N. Y	51	527,492	66,200	658	473,305	324,095	1,170,745
Peoria, Ill	3	16,250	512	15	6,501	5,578	14,379
Philadelphia, Pa	20	410,606	15,995	243	135,843	130,158	412,294
Pittsburg, Pa	4	4,772	1,264	16	6,901	5,259	15,707
Providence, R. I	8	34,680	4,755	52	26,558	17,007	50,840
Rochester, N. Y	3	15,930	2,123	19	10,550	12,143	46,200
Rockford, Ill	3	22,900	755	13	5,414	21,126	32,090
St. Louis, Mo	16	570,300	20,399	288	158,728	255,792	501,235
San Francisco, Cal	14	875,445	38,347	307	189,939	798,974	1,058,531
Scranton, Pa	3	29,050	540	12	7,144	9,055	26,000
Troy, N. Y	3	201,280	15,879	112	61,821	155,730	251,694
Washington, D. C	3	4,361	768	9	5,148	1,689	8,100
Wilkesbarre, Pa	4	855,990	10,737	190	108,465	360,701	539,284
Worcester, Mass	9	419,543	45,918	476	161,373	292,163	596,978
All other cities (*a*)	56	935,590	69,040	753	300,770	727,176	1,396,878

a Embraces Allegheny, Pa., 1; Atlanta, Ga., 1; Bridgeport, Conn., 1; Canton, Ohio, 2; Columbus, Ohio, 1; Denver, Colo., 1; Dubuque, Iowa, 1; Elmira, N. Y., 2; Grand Rapids, Mich., 2; Hartford, Conn. 1; Jersey city, N. J., 2; Kansas city, Mo., 2; Lawrence, Mass., 1; Lexington, Ky., 1; Lincoln, Neb., 1; Lynn, Mass., 1; Malden, Mass., 1; Memphis, Tenn., 2; Nashville, Tenn., 2; Newburg, N. Y., 1; New Orleans, La., 1; Newport, Ky., 2; Norfolk, Va., 1; Oakland, Cal., 1; Omaha, Neb., 2; Pawtucket, R. I., 1; Petersburg, Va., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 2; Racine, Wis., 2; Richmond, Va., 1; St. Paul, Minn., 1; San Antonio, Tex., 1; Sioux city, Iowa., 1; Springfield, Ill., 2; Springfield, Mass., 1; Springfield, Ohio, 1; Syracuse, N. Y., 1; Taunton, Mass., 1; Toledo, Ohio, 1; Wichita, Kan., 1; Williamsport, Pa., 1; Wilmington, Del., 1; York, Pa., 1.

49.—WOOD, TURNED AND CARVED.

Total	560	4,267,417	433,062	5,078	2,870,704	2,300,314	6,757,480
Albany, N. Y	3	8,650	440	11	6,970	1,227	9,850
Baltimore, Md	11	26,925	3,756	52	22,802	23,294	66,795
Bay city, Mich	3	8,935	737	13	4,144	1,406	6,760
Boston, Mass	40	489,340	43,838	210	141,716	130,518	401,027
Brooklyn, N. Y	29	328,979	18,274	233	175,466	150,272	411,626
Buffalo, N. Y	10	20,292	2,572	60	35,622	11,633	57,912
Cambridge, Mass	4	19,300	3,007	36	22,690	12,195	36,846
Chicago, Ill	32	180,393	26,018	286	166,860	115,824	382,559
Cincinnati, Ohio	19	223,303	59,514	175	87,294	155,113	360,223
Cleveland, Ohio	8	56,175	4,960	100	65,510	19,836	114,789
Covington, Ky	6	51,690	2,930	29	19,900	31,140	61,340
Denver, Colo	3	5,905	1,357	13	12,844	7,630	24,600
Detroit, Mich	15	39,197	5,355	95	55,396	20,181	109,669
Fall River, Mass	3	43,100	5,974	98	42,325	33,820	91,500
Fitchburg, Mass	4	19,346	2,996	31	14,046	8,410	31,915

TABLE 5.—STATISTICS OF 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

49.—WOOD, TURNED AND CARVED—Continued.

CITIES.	Number of establishments reporting.	Capital (direct investment).	Miscellaneous expenses.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.		Cost of materials used.	Value of products, including receipts from custom work and repairing.
				Employés.	Wages.		
Gloucester, Mass	4	$25,765	$1,453	8	$4,340	$5,841	$17,000
Grand Rapids, Mich	8	62,893	8,082	82	38,944	35,881	109,670
Indianapolis, Ind	3	2,170	494	7	4,155	1,389	6,550
Jersey city, N. J	4	32,727	4,395	41	37,612	16,680	54,720
Lawrence, Mass	3	69,494	5,961	171	56,556	38,940	127,848
Lincoln, R. I	3	68,000	2,092	122	48,334	36,193	96,800
Louisville, Ky	6	230,613	12,751	245	102,083	198,980	379,250
Lowell, Mass	5	118,175	6,629	209	64,305	55,029	146,202
Lynn, Mass	5	26,158	1,954	23	23,326	10,607	58,650
Milwaukee, Wis	7	12,675	1,241	24	16,548	9,877	33,900
Minneapolis, Minn	4	3,131	937	9	6,300	2,000	10,580
Newark, N. J	14	64,370	6,425	115	66,987	28,203	111,393
New Bedford, Mass	3	68,500	5,342	52	25,250	16,258	55,000
New Haven, Conn	3	2,780	409	5	5,100	1,131	8,200
Newport, Ky	5	1,380	597	9	6,241	3,340	11,500
New York, N. Y	95	338,677	50,371	596	419,311	210,876	815,970
Paterson, N. J	6	75,858	3,253	82	45,110	31,879	91,572
Philadelphia, Pa	46	355,783	21,495	399	222,417	117,308	453,621
Pittsburg, Pa	4	29,362	2,409	60	42,296	25,980	78,600
Portland, Me	5	8,185	1,374	16	9,224	13,724	29,448
Providence, R. I	9	44,900	5,933	50	34,529	57,199	95,828
Rochester, N. Y	6	11,725	1,068	26	17,616	4,113	29,100
St. Louis, Mo	18	114,406	9,432	167	107,359	155,589	323,365
San Francisco, Cal	20	27,465	6,457	68	55,426	13,791	87,867
Troy, N. Y	3	3,750	349	5	3,125	790	4,400
Washington, D. C	5	9,660	696	9	6,024	2,485	11,660
Worcester, Mass	6	30,906	2,230	37	25,330	18,280	51,320
Yonkers, N. Y	4	7,830	2,718	18	12,096	18,400	38,635
All other cities (*a*)	66	898,549	84,787	981	491,184	447,052	1,251,321

a Embraces Akron, Ohio, 1; Allegheny, Pa., 1; Binghamton, N. Y., 2; Birmingham, Ala., 1; Bridgeport, Conn., 1; Camden, N. J., 1; Charleston, S. C., 1; Chattanooga, Tenn., 1; Cohoes, N. Y., 1; Columbus, Ohio, 1; Council Bluffs, Iowa, 1; Davenport, Iowa, 2; Dayton, Ohio, 1; Des Moines, Iowa, 1; Dubuque, Iowa, 1; Elizabeth, N. J., 1; Elmira, N. Y., 2; Hartford, Conn., 1; Haverhill, Mass., 1; Hoboken, N. J., 1; Holyoke, Mass., 1; Joliet, Ill., 2; Kansas city, Mo., 1; Knoxville, Tenn., 1; Lewiston, Me., 2; Manchester, N. H., 2; Memphis, Tenn., 1; Muskegon, Mich., 1; Nashville, Tenn., 1; New Albany, Ind., 1; New Orleans, La., 2; Oakland, Cal., 2; Oswego, N. Y., 1; Pawtucket, R. I., 1; Portland, Ore., 1; Poughkeepsie, N. Y., 1; Richmond, Va., 2; Sacramento, Cal., 2; Saginaw, Mich., 1; St. Joseph, Mo., 1; Salem, Mass., 1; Salt Lake, Utah, 1; South Bend, Ind., 2; Springfield, Mass., 2; Syracuse, N. Y., 2; Topeka, Kan., 1; Trenton, N. J., 2; Utica, N. Y., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 2; Woonsocket, R. I., 1.

50.—WOOLEN GOODS.

Total	220	38,549,988	2,443,232	25,524	9,148,099	26,612,273	43,565,305
Camden, N. J	4	634,002	72,481	418	166,433	449,616	743,369
Chester, Pa	4	1,062,168	48,878	639	236,866	496,525	916,401
Holyoke, Mass	5	1,533,731	106,087	1,048	400,719	814,542	1,475,090
Lewiston, Me	3	421,366	33,390	188	75,844	240,799	417,960
Louisville, Ky	6	1,079,888	147,533	1,441	450,536	1,056,206	1,860,974
Lowell, Mass	6	8,255,591	191,615	1,356	486,341	1,602,658	2,717,502
Pawtucket, R. I	3	1,275,444	44,083	847	310,100	716,044	1,002,859
Philadelphia, Pa	115	14,269,836	904,403	10,583	3,976,497	14,191,203	21,919,781
Trenton, N. J	3	1,115,561	48,835	1,664	529,004	693,220	1,342,400
Woonsocket, R. I	3	2,740,945	126,212	1,166	432,005	1,019,463	1,921,151
Worcester, Mass	14	1,269,399	106,436	933	350,367	835,549	1,374,857
All other cities (*a*)	54	8,992,117	613,279	5,241	1,727,387	4,496,448	7,872,961

a Embraces Allentown, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Baltimore, Md., 1; Binghamton, N. Y., 1; Bloomington, Ill., 1; Canton, Ohio, 1; Cincinnati, Ohio, 1; Cleveland, Ohio, 1; Davenport, Iowa, 1; Des Moines, Iowa, 1; Elmira, N. Y., 1; Evansville, Ind., 2; Fall River, Mass., 1; Fitchburg, Mass., 1; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Grand Rapids, Mich., 1; Haverhill, Mass., 1; Indianapolis, Ind., 2; Lacrosse, Wis., 1; Lawrence, Mass., 1; Lincoln, R. I., 1; Manchester, N. H., 2; Meriden, Conn., 1; Milwaukee, Wis., 1; Minneapolis, Minn., 2; Nashville, Tenn., 1; New Albany, Ind., 1; Newark, N. J., 1; New Bedford, Mass., 1; Newburg, N. Y., 2; New Orleans, La., 1; New York, N. Y., 1; Poughkeepsie, N. Y., 1; Providence, R. I., 1; Racine, Wis., 1; Reading, Pa., 1; Rochester, N. Y., 1; Rockford, Ill., 1; St. Joseph, Mo., 1; Salt Lake, Utah, 1; San Francisco, Cal., 2; South Bend, Ind., 1; Springfield, Ill., 1; Williamsport, Pa., 1; York, Pa., 1; Zanesville, Ohio, 1.

TABLE 6.

DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50 SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890.

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

[When comparing the weekly rates of wages and average number of employés at each rate with the average weekly earnings,

1.—AGRICULTURAL IMPLEMENTS.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
1	Total	195	21,586	$11,076,458	410	.....	$673,420	5	.....	$3,300	1,143	.....	$1,111,196	99	.....	$48,656
2	Akron, Ohio	3	949	530,701	11	$30.32	35,500	.....	.....	.....	41	$21.35	$38,125	10	$11.13	4,776
3	Albany, N. Y	3	291	183,647	5	14.45	2,817	.....	.....	.....	15	21.40	16,000	3	5.77	900
4	Auburn, N. Y	5	1,841	751,408	12	71.53	34,250	.....	.....	.....	47	22.55	40,744	.....	.....	.....
5	Baltimore, Md	3	55	26,394	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Canton, Ohio	10	1,005	555,965	21	41.86	36,100	.....	.....	.....	83	24.52	89,780	6	11.46	2,980
7	Chicago, Ill	6	3,945	1,971,309	8	23.41	8,648	.....	.....	.....	238	18.31	197,132	27	11.99	14,634
8	Columbus, Ohio	3	67	53,800	11	21.62	11,900	1	$11.59	540	5	24.34	5,800	.....	.....	.....
9	Dayton, Ohio	8	774	344,390	16	39.82	28,986	.....	.....	.....	25	19.68	23,260	2	9.44	900
10	Evansville, Ind	4	157	72,604	7	24.00	7,800	.....	.....	.....	10	21.03	10,300	1	6.29	300
11	Louisville, Ky	3	648	316,582	9	51.45	19,897	.....	.....	.....	45	20.75	33,847	.....	.....	.....
12	Milwaukee, Wis	4	338	154,543	8	57.20	19,830	.....	.....	.....	19	22.89	17,259	1	12.31	480
13	Minneapolis, Minn	6	249	148,722	13	35.88	20,600	.....	.....	.....	22	31.23	26,900	3	17.49	1,800
14	Norfolk, Va	3	159	98,929	7	40.33	14,680	.....	.....	.....	11	13.76	7,872	.....	.....	.....
15	Peoria, Ill	7	322	144,174	15	29.37	18,360	.....	.....	.....	22	19.01	15,652	3	6.29	900
16	Philadelphia, Pa	4	299	182,327	4	30.20	5,300	.....	.....	.....	22	22.16	24,778	.....	.....	.....
17	Quincy, Ill	5	168	81,499	4	31.73	6,600	.....	.....	.....	8	18.03	7,500	.....	.....	.....
18	Racine, Wis	11	1,150	658,854	25	36.54	41,365	.....	.....	.....	74	25.87	87,928	5	12.52	3,010
19	Richmond, Va	4	159	89,712	8	34.68	12,700	1	40.14	2,000	5	16.78	4,090	.....	.....	.....
20	Rockford, Ill	10	389	241,910	27	20.20	23,157	.....	.....	.....	14	25.41	17,948	4	9.15	1,384
21	St. Louis, Mo	4	570	345,360	11	51.32	27,800	.....	.....	.....	17	22.83	18,800	5	9.95	2,480
22	South Bend, Ind	7	1,282	769,071	16	40.30	29,250	.....	.....	.....	105	21.89	117,895	2	7.38	496
23	Springfield, Ohio	12	3,267	1,498,159	40	52.84	91,250	.....	.....	.....	139	21.86	136,461	16	12.15	8,214
24	Syracuse, N. Y	3	225	118,551	8	34.04	13,424	.....	.....	.....	16	16.58	13,791	1	5.00	260
25	York, Pa	3	361	126,422	1	15.38	800	.....	.....	.....	10	14.63	7,006	.....	.....	.....
26	All other cities (a)	64	2,916	1,611,425	123	.....	162,415	3	.....	760	150	.....	151,818	10	.....	4,642

a Embraces Atlanta, Ga., 1; Bay city, Mich., 1; Binghamton, N. Y., 2; Bloomington, Ill., 2; Brockton, Mass., 1; Buffalo, N. Y., 1; Burlington, Iowa, 1; Camden, N. J., 1; Chattanooga, Tenn., 1; Davenport, Iowa, 2; Des Moines, Iowa, 2; Detroit, Mich., 1; Dubuque, Iowa, 2; Elmira, N. Y., 1; Fort Wayne, Ind., 1; Grand Rapids, Mich., 1; Hartford, Conn., 1; Indianapolis, Ind., 2; Jackson, Mich, 1; Joliet, Ill., 1; Kansas city, Mo., 2; Kingston, N. Y., 1; Lacrosse, Wis., 2; Los Angeles, Cal., 1; Macon, Ga., 2; Memphis, Tenn., 1; Nashville, Tenn., 1; Newburg, N. Y., 1; New Haven, Conn., 1; Oakland, Cal., 1; Petersburg, Va., 1;

2.—AWNINGS, TENTS, AND SAILS.

1	Total	498	3,584	2,078,200	535	.....	500,973	4	.....	2,284	115	.....	78,889	12	.....	5,114
2	Albany, N. Y	3	18	6,147	3	21.69	2,350	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Baltimore, Md	22	138	84,776	21	18.93	17,374	.....	.....	.....	3	14.03	1,870	.....	.....	.....
4	Boston, Mass	33	184	134,040	32	19.56	30,176	.....	.....	.....	.....	.....	.....	3	7.67	1,196
5	Brooklyn, N. Y	27	104	59,837	30	16.44	23,684	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Buffalo, N. Y	7	65	32,064	11	20.41	8,005	.....	.....	.....	1	19.01	700	1	8.35	416
7	Chicago, Ill	19	281	158,246	20	19.93	19,472	.....	.....	.....	11	16.39	9,376	.....	.....	.....
8	Cincinnati, Ohio	10	71	31,158	13	16.35	10,576	.....	.....	.....	3	16.67	2,600	.....	.....	.....
9	Cleveland, Ohio	8	79	40,621	11	16.20	8,047	.....	.....	.....	2	11.54	800	.....	.....	.....
10	Columbus, Ohio	3	33	12,871	5	26.67	5,200	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Dayton, Ohio	3	17	7,204	3	16.20	1,720	.....	.....	.....	1	9.63	480	.....	.....	.....
12	Denver, Colo	3	50	32,686	3	35.07	5,015	.....	.....	.....	2	20.19	2,100	1	7.69	300
13	Detroit, Mich	4	55	27,076	5	19.11	4,099	.....	.....	.....	3	11.02	1,146	1	7.00	182
14	Gloucester, Mass	8	46	35,472	6	16.93	5,026	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Indianapolis, Ind	3	14	4,424	4	16.95	2,314	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Kansas city, Mo	3	38	16,550	3	19.55	3,050	.....	.....	.....	2	6.49	675	.....	.....	.....
17	Lynn, Mass	3	20	13,370	4	17.73	3,380	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Milwaukee, Wis	8	38	16,871	9	16.61	5,363	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Minneapolis, Minn	4	35	23,002	4	31.54	6,560	.....	.....	.....	3	14.42	2,250	.....	.....	.....
20	Newark, N. J	5	35	18,120	7	18.84	6,776	.....	.....	.....	1	10.00	520	.....	.....	.....
21	New Haven, Conn	3	17	9,602	3	20.98	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	New Orleans, La	4	33	26,692	7	28.00	10,192	.....	.....	.....	1	15.00	780	.....	.....	.....
23	Newport, Ky	6	24	11,140	7	15.32	5,360	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	New York, N. Y	82	699	533,178	104	25.29	129,134	1	10.00	520	20	14.53	15,110	1	7.69	400
25	Norfolk, Va	4	20	12,306	4	11.92	2,272	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Philadelphia, Pa	53	208	139,398	45	15.54	32,713	.....	.....	.....	1	12.00	624	.....	.....	.....
27	Pittsburg, Pa	4	16	9,468	5	20.27	4,260	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Portland, Me	10	29	17,704	9	15.38	5,364	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Portland, Ore	3	66	48,780	6	33.33	10,400	.....	.....	.....	6	22.31	6,960	1	16.15	840
30	Providence, R. I	4	38	26,570	5	34.79	8,140	.....	.....	.....	3	10.26	1,600	.....	.....	.....
31	St. Louis, Mo	15	326	118,645	22	26.48	27,280	.....	.....	.....	26	11.95	14,646	2	9.93	1,000
32	St. Paul, Minn	3	24	7,502	3	18.31	1,864	.....	.....	.....	.....	.....	.....	.....	.....	.....
33	Salt Lake, Utah	3	12	5,288	3	14.26	1,854	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	San Francisco, Cal	12	78	77,176	7	26.85	5,840	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Syracuse, N. Y	3	28	11,000	4	19.70	3,500	.....	.....	.....	.....	.....	.....	.....	.....	.....

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890.

it must be remembered that it is not possible to obtain true average weekly earnings from the table of weekly rates.]

1.—AGRICULTURAL IMPLEMENTS.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
9,477	.....	$4,822,614	20	.....	$5,692	51	.....	$7,500	5,258	.....	$1,919,861	36	.....	$8,834	68	.....	$12,774	1
78	$17.40	58,200	.....	.....	.....	.....	.....	.....	273	$8.99	99,250	.....	.....	.....	.....	.....	.....	2
177	13.35	122,355	.....	.....	.....	.....	.....	.....	91	8.91	41,575	.....	.....	.....	.....	.....	.....	3
228	11.31	106,653	.....	.....	.....	.....	.....	.....	760	7.00	175,268	.....	.....	.....	.....	.....	.....	4
32	9.63	15,708	.....	.....	.....	.....	.....	.....	6	8.75	2,730	.....	.....	.....	.....	.....	.....	5
477	10.73	219,778	.....	.....	.....	.....	.....	.....	30	9.64	12,547	.....	.....	.....	.....	.....	.....	6
1,205	13.58	778,810	2	$14.42	1,500	.....	.....	.....	1,135	9.80	490,350	20	$5.42	4,701	.....	.....	.....	7
45	15.76	33,460	.....	.....	.....	.....	.....	.....	5	8.08	2,100	.....	.....	.....	.....	.....	.....	8
579	8.71	235,631	6	4.20	1,200	.....	.....	.....	133	7.28	45,413	.....	.....	.....	.....	.....	.....	9
127	8.07	50,104	.....	.....	.....	.....	.....	.....	9	6.41	2,500	.....	.....	.....	.....	.....	.....	10
219	13.15	111,184	.....	.....	.....	.....	.....	.....	242	7.07	68,854	.....	.....	.....	.....	.....	.....	11
64	12.06	33,360	.....	.....	.....	.....	.....	.....	96	6.64	25,928	.....	.....	.....	.....	.....	.....	12
148	12.32	74,970	.....	.....	.....	.....	.....	.....	61	9.75	23,360	.....	.....	.....	.....	.....	.....	13
97	10.80	54,912	.....	.....	.....	.....	.....	.....	15	6.60	5,149	.....	.....	.....	.....	.....	.....	14
148	11.81	69,173	.....	.....	.....	.....	.....	.....	114	8.74	36,420	.....	.....	.....	7	$3.10	604	15
115	12.17	68,551	.....	.....	.....	.....	.....	.....	61	7.98	25,229	.....	.....	.....	.....	.....	.....	16
73	11.28	35,295	1	9.13	475	.....	.....	.....	58	7.72	23,289	.....	.....	.....	.....	.....	.....	17
423	12.25	239,334	1	6.00	260	1	$2.72	100	379	8.38	142,800	.....	.....	.....	11	3.91	1,734	18
132	11.07	66,800	.....	.....	.....	.....	.....	.....	10	6.45	3,212	.....	.....	.....	.....	.....	.....	19
210	12.96	137,380	.....	.....	.....	.....	.....	.....	110	9.02	51,014	.....	.....	.....	3	3.21	500	20
393	11.56	227,055	.....	.....	.....	.....	.....	.....	98	9.28	45,300	.....	.....	.....	24	5.57	6,375	21
64	17.83	54,346	3	3.34	521	.....	.....	.....	455	8.55	199,471	16	4.97	4,133	12	4.05	2,529	22
2,318	11.02	970,886	.....	.....	.....	.....	.....	.....	660	8.42	240,070	.....	.....	.....	4	2.00	208	23
33	12.25	20,748	.....	.....	.....	.....	.....	.....	50	8.43	21,905	.....	.....	.....	1	2.00	104	24
325	6.54	110,516	.....	.....	.....	.....	.....	.....	25	5.77	7,500	.....	.....	.....	.....	.....	.....	25
1,677	.....	927,405	7	.....	1,736	50	.....	7,400	382	.....	128,027	.....	.....	.....	6	.....	720	26

Pittsburg, Pa., 1; Portland, Me., 2; Poughkeepsie, N. Y., 1; Providence, R. I., 1; Reading, Pa., 2; Rochester, N. Y., 1; Sacramento, Cal., 2; St. Joseph, Mo., 1; San Francisco, Cal., 2; Sioux city, Iowa, 1; Springfield, Ill., 1; Springfield, Mass., 1; Terre Haute, Ind., 1; Trenton, N. J., 2; Utica, N. Y., 2; Worcester, Mass., 2; Zanesville, Ohio, 1.

2.—AWNINGS, TENTS, AND SAILS.

1,623	.....	1,126,318	886	.....	251,768	12	.....	1,720	100	.....	34,945	38	.....	10,207	6	.....	1,100	1
7	9.94	2,411	8	5.16	1,380	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
89	14.79	60,926	18	4.55	3,236	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
100	16.19	83,718	43	7.28	16,284	.....	.....	.....	2	6.00	624	1	7.98	173	.....	.....	.....	4
47	12.75	28,864	18	6.52	4,903	.....	.....	.....	3	6.00	936	.....	.....	.....	.....	.....	.....	5
34	14.10	18,633	18	5.75	4,310	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
103	14.00	73,654	80	6.69	27,440	1	2.50	130	20	7.35	7,640	6	5.81	1,814	.....	.....	.....	7
20	10.70	11,128	25	4.66	5,108	4	2.63	546	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
47	13.95	25,940	17	6.16	4,884	.....	.....	.....	2	13.70	950	.....	.....	.....	.....	.....	.....	9
9	13.11	4,373	19	4.70	3,298	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
5	16.15	3,500	8	4.99	1,504	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
13	14.44	9,388	31	10.18	15,883	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
25	15.53	17,106	18	5.68	4,169	3	3.60	374	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
37	15.73	29,310	.....	.....	.....	.....	.....	.....	3	7.28	1,136	.....	.....	.....	.....	.....	.....	14
3	9.57	1,120	7	3.91	990	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
7	12.02	4,375	6	4.81	1,500	.....	.....	.....	7	9.62	3,500	9	5.66	2,650	3	3.53	550	16
11	14.96	8,040	5	7.50	1,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
15	12.41	8,602	12	5.12	2,514	.....	.....	.....	.....	.....	.....	2	5.03	392	.....	.....	.....	18
15	13.41	10,456	13	5.53	3,736	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
10	11.15	5,800	16	5.85	4,816	.....	.....	.....	1	4.00	208	.....	.....	.....	.....	.....	.....	20
9	12.14	5,236	5	5.68	1,366	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
23	12.74	15,240	.....	.....	.....	.....	.....	.....	2	4.62	480	.....	.....	.....	.....	.....	.....	22
7	9.15	3,330	6	4.20	1,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
398	15.92	321,685	136	7.79	52,511	.....	.....	.....	19	7.26	7,168	.....	.....	.....	.....	.....	.....	24
16	12.06	10,034	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
135	14.76	98,673	9	6.64	2,934	2	3.10	312	2	6.37	662	.....	.....	.....	.....	.....	.....	26
7	14.10	4,124	4	6.10	1,084	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
17	15.59	11,268	1	9.62	500	.....	.....	.....	2	7.33	572	.....	.....	.....	.....	.....	.....	28
34	11.87	20,980	19	9.72	9,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
20	14.24	13,950	10	5.93	2,880	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
50	11.70	27,592	92	4.25	18,784	.....	.....	.....	18	8.73	6,680	.....	.....	.....	2	3.85	400	31
7	10.93	2,960	14	4.98	2,078	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
4	10.33	2,060	4	6.14	1,224	1	2.88	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
67	21.08	70,026	3	7.16	1,102	1	4.00	208	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
14	7.91	5,278	10	4.84	2,222	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

[When comparing the weekly rates of wages and average number of employés at each rate with the average weekly earnings,

1.—AGRICULTURAL IMPLEMENTS—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Pieceworkers. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
1	Total	5,019	$2,462,602	.....	.....	16,288	394	442	789	1,761	1,715	2,559	2,891	2,678	1,671	687	701
2	Akron, Ohio	536	294,850	10.00	9.67	403	2	2	5	102	25	102	52	42	24	24	23
3	Albany, N. Y	.....	.....	10.00	9.00	288	.....	2	11	17	64	45	53	58	21	11	6
4	Auburn, N. Y	794	394,493	9.60	9.10	1,047	45	75	139	184	248	149	49	42	75	20	21
5	Baltimore, Md	17	7,956	10.00	10.00	38	.....	.....	.....	.....	7	25	5	.....	.....	.....	1
6	Canton, Ohio	388	194,780	10.25	9.25	611	12	3	22	7	85	105	172	97	25	31	52
7	Chicago, Ill	1,220	475,534	10.00	10.00	2,676	1	48	46	45	160	428	571	587	516	99	173
8	Columbus, Ohio	.....	.....	10.00	9.33	66	.....	.....	.....	2	6	.....	1	3	41	4	9
9	Dayton, Ohio	13	9,000	10.00	9.88	753	26	54	48	215	42	128	110	44	50	18	18
10	Evansville, Ind	3	1,600	9.38	9.13	153	33	5	12	10	12	25	12	13	22	4	5
11	Louisville, Ky	133	82,800	10.00	9.67	515	21	13	19	179	37	26	50	68	40	38	10
12	Milwaukee, Wis	150	57,686	10.00	10.00	187	21	9	9	41	17	15	17	22	14	10	12
13	Minneapolis, Minn	2	1,092	10.00	9.67	244	.....	.....	.....	1	.....	33	33	142	7	6	22
14	Norfolk, Va	29	16,316	10.00	10.00	130	15	.....	22	6	3	8	4	14	49	6	3
15	Peoria, Ill	13	3,065	9.71	9.67	299	2	5	2	20	64	38	44	71	38	5	10
16	Philadelphia, Pa	97	58,469	9.88	9.38	202	17	.....	9	.....	17	32	16	61	32	6	12
17	Quincy, Ill	24	8,340	10.00	10.00	143	1	3	10	18	21	29	15	31	2	9	4
18	Racine, Wis	231	142,323	10.00	9.27	901	28	8	19	82	90	188	122	198	63	38	65
19	Richmond, Va	3	1,000	10.00	9.38	155	6	.....	10	2	1	11	40	63	13	1	8
20	Rockford, Ill	21	10,027	10.20	9.65	301	.....	7	7	16	10	88	105	63	23	22	20
21	St. Louis, Mo	22	17,550	10.00	9.75	519	1	3	6	13	13	46	301	98	10	18	10
22	South Bend, Ind	609	360,430	9.71	9.29	640	.....	2	30	127	91	110	75	54	67	35	49
23	Springfield, Ohio	90	50,470	9.58	9.17	3,157	19	96	147	460	490	564	497	382	280	152	70
24	Syracuse, N. Y	116	48,319	10.00	9.67	107	2	3	10	17	.....	24	10	15	13	8	5
25	York, Pa	.....	.....	10.00	9.33	361	81	22	81	46	30	56	23	11	8	3	.....
26	All other cities	508	226,502	.....	.....	2,332	61	77	125	151	182	284	514	490	227	119	93

2.—AWNINGS, TENTS, AND SAILS—Continued.

1	Total	253	64,882	.....	.....	2,373	55	42	53	47	83	121	249	469	910	218	126
2	Albany, N. Y	.....	.....	10.00	9.33	10	1	.....	.....	.....	.....	2	1	3	1	2	.....
3	Baltimore, Md	7	1,370	9.23	9.23	113	4	4	.....	2	5	.....	7	19	60	8	4
4	Boston, Mass	3	1,869	9.76	9.04	134	2	1	4	2	.....	2	2	8	99	9	5
5	Brooklyn, N. Y	6	1,450	9.52	9.37	80	2	2	2	7	3	2	10	18	22	7	5
6	Buffalo, N. Y	.....	.....	9.43	9.29	46	.....	.....	.....	.....	.....	2	5	15	19	5	.....
7	Chicago, Ill	40	18,720	9.63	9.32	154	2	.....	12	1	4	13	17	41	52	3	9
8	Cincinnati, Ohio	6	1,200	9.80	9.80	36	.....	.....	.....	.....	.....	5	14	5	8	4	.....
9	Cleveland, Ohio	.....	.....	9.94	9.69	62	.....	.....	2	2	.....	4	3	21	28	.....	2
10	Columbus, Ohio	.....	.....	10.00	8.50	14	1	.....	.....	.....	.....	.....	3	5	3	.....	2
11	Dayton, Ohio	.....	.....	10.00	10.00	9	.....	.....	.....	.....	.....	2	1	2	2	2	.....
12	Denver, Colo	.....	.....	10.00	9.33	18	.....	.....	.....	.....	.....	.....	4	2	9	.....	3
13	Detroit, Mich	.....	.....	10.00	9.33	33	.....	.....	1	.....	.....	1	1	6	22	2	.....
14	Gloucester, Mass	.....	.....	9.88	9.88	46	1	3	1	.....	.....	.....	.....	13	26	2	.....
15	Indianapolis, Ind	.....	.....	9.67	8.00	7	.....	.....	2	.....	.....	.....	.....	2	.....	3	.....
16	Kansas city, Mo	1	250	10.00	9.33	19	1	.....	.....	2	1	7	.....	4	3	1	.....
17	Lynn, Mass	.....	.....	9.67	9.67	15	.....	.....	.....	.....	.....	1	3	1	8	2	.....
18	Milwaukee, Wis	.....	.....	10.00	8.43	24	1	.....	.....	.....	1	3	2	11	5	.....	1
19	Minneapolis, Minn	.....	.....	10.50	10.00	22	.....	.....	.....	.....	.....	.....	4	10	6	.....	2
20	Newark, N. J	.....	.....	9.80	9.40	19	1	.....	1	.....	.....	.....	8	2	3	4	.....
21	New Haven, Conn	.....	.....	9.00	8.33	12	.....	.....	.....	.....	.....	.....	.....	9	1	2	.....
22	New Orleans, La	.....	.....	9.50	9.50	33	2	.....	3	.....	.....	2	3	4	14	2	3
23	Newport, Ky	4	1,200	9.33	9.33	14	1	.....	.....	.....	2	3	1	.....	7	.....	.....
24	New York, N. Y	20	6,650	9.40	9.36	541	6	4	6	4	3	6	32	96	291	49	44
25	Norfolk, Va	.....	.....	9.75	9.50	20	3	.....	.....	.....	.....	.....	2	15	.....	.....	.....
26	Philadelphia, Pa	14	3,480	9.85	9.85	183	1	.....	5	.....	4	4	34	26	95	12	2
27	Pittsburg, Pa	.....	.....	9.75	9.33	12	.....	.....	.....	.....	.....	.....	.....	6	4	.....	2
28	Portland, Me	.....	.....	10.15	9.85	28	.....	1	.....	2	.....	.....	4	4	15	2	.....
29	Portland, Ore	.....	.....	9.67	9.33	46	.....	1	3	3	10	1	.....	11	7	6	4
30	Providence, R. I	.....	.....	10.00	8.13	28	.....	.....	.....	2	.....	2	2	10	9	1	2
31	St. Louis, Mo	114	22,263	9.57	9.12	116	5	3	1	2	12	7	33	16	8	11	13
32	St. Paul, Minn	.....	.....	9.33	9.33	10	.....	.....	.....	.....	.....	1	6	2	.....	.....	1
33	Salt Lake, Utah	.....	.....	9.17	8.50	7	.....	.....	.....	.....	.....	2	4	.....	.....	1	.....
34	San Francisco, Cal	.....	.....	9.18	9.09	74	1	2	1	.....	2	.....	6	2	1	50	9
35	Syracuse, N. Y	.....	.....	10.00	10.00	18	.....	1	1	1	10	.....	3	1	.....	.....	1

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

it must be remembered that it is not possible to obtain true average weekly earnings from the table of weekly rates.]

1.—AGRICULTURAL IMPLEMENTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
160	26	26	11	9	8	14	18	34	13		1	119	86	33			1
10						2	3	5									2
3		3															3
																	4
																	5
6		1			2			3									6
40		20		2		3	1	22	1								7
1							1										8
8	6					2											9
1			1														10
																	11
1								1									12
3								1	2								13
																	14
3			3									7	7				15
																	16
1						1											17
6			1	1	1		1		2			12	12				18
1											1						19
4	1			1			1		1			3	3				20
5				1		3			1			24		24			21
21	13		4	3	1							12	4	8			22
16	1		1		2		5	1	6			4	4				23
1		1										1	1				24
																	25
20	5	1	1	1	2	3	6	1				56	55	1			26

2.—AWNINGS, TENTS, AND SAILS—Continued.

940	267	172	195	125	88	38	30	4	20	1		18	13	3	1	1	1
8	2	4	1			1											2
18	13	1	3	1													3
47	5		2	13	24		2		1								4
18	9			5			3		1								5
19	3	6	8	1	1												6
86	4	8	43	16	10	2	2	1				1		1			7
25	13	11		1								4	4				8
17		6	9	1	1												9
19	17	2															10
8	5		3														11
32			5	4	2	2	2		17								12
19		11	5	3								3	3				13
																	14
7	7																15
15	5		6	4								3	2		1		16
5			2		3												17
14	6	1	7														18
13	4	6	3														19
16	1	4	10		1												20
5	1	2	1	1													21
																	22
6	3	2	1														23
138	1	4	33	47	28	14	9	2									24
																	25
9	1	2	2	1	2		1					2	2				26
4	1		2	1													27
1						1											28
20					6	9	4		1								29
10	2	2	5		1												30
94	55	11	13	8	2	1	4					2		2			31
14	8	6															32
4		2	2									1	1				33
3			1	1	1							1				1	34
10	8	2															35

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

2.—AWNINGS, TENTS, AND SAILS—Continued.

	CITIES.	Number of establishments reporting.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
36	Toledo, Ohio	3	61	$23,599	.....	.....	.....	.....	.....	.....	9	$16.55	$7,532	.....	.....	.....
37	Troy, N. Y	3	12	5,375	4	$15.75	$2,900	.....	.....	.....	1	9.03	450	.....	.....	.....
38	Washington, D. C	4	44	18,920	4	13.46	2,800	.....	.....	.....	1	10.00	520	.....	.....	.....
39	All other cities (a)	103	528	221,322	99	.....	75,913	3	.....	$1,764	15	.....	8,150	2	.....	$780

a Embraces Akron, Ohio, 1; Allentown, Pa., 1; Allegheny, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Bay city, Mich., 2; Binghamton, N. Y., 1; Birmingham, Ala., 2; Brockton, Mass., 1; Burlington, Iowa, 1; Camden, N. J., 1; Charleston, S. C., 2; Chester, Pa., 1; Covington, Ky., 2; Dallas, Tex., 1; Davenport, Iowa, 2; Des Moines, Iowa, 1; Duluth, Minn., 1; Elmira, N. Y., 1; Evansville, Ind., 1; Fall River, Mass., 1; Fort Worth, Tex., 1; Galveston, Tex., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Haverhill, Mass., 2; Hoboken, N. J., 2; Holyoke, Mass., 1; Houston, Tex., 1; Jersey city, N. J., 2; Kingston, N. Y., 1; Lacrosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lexington, Ky., 1; Lincoln, Neb., 1; Little Rock, Ark., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 2; Louisville,

3.—BAGS, OTHER THAN PAPER.

1	Total	56	3,550	1,302,638	68	.....	117,904	.....	.....	.....	137	.....	116,110	17	.....	6,740
2	Boston, Mass	3	41	18,087	3	19.49	3,040	.....	.....	.....	3	19.23	3,000	1	$7.00	364
3	Chicago, Ill	4	130	58,842	6	24.17	7,540	.....	.....	.....	7	19.23	7,000	2	10.00	1,040
4	Cincinnati, Ohio	5	131	58,660	7	23.87	8,380	.....	.....	.....	5	20.77	5,400	.....	.....	.....
5	New Orleans, La	3	95	38,904	1	57.69	3,000	.....	.....	.....	5	14.62	3,800	.....	.....	.....
6	New York, N. Y	15	466	195,714	20	33.41	34,744	.....	.....	.....	22	14.91	17,056	5	8.40	2,184
7	Philadelphia, Pa	5	684	221,260	9	22.78	10,660	.....	.....	.....	38	7.87	15,560	4	6.50	1,352
8	San Francisco, Cal	5	153	81,072	3	52.79	8,296	.....	.....	.....	1	34.62	1,800	.....	.....	.....
9	All other cities (a)	16	1,850	720,099	19	.....	42,304	.....	.....	.....	56	.....	62,494	5	.....	1,800

a Embraces Baltimore, Md., 2; Brooklyn, N. Y., 1; Charleston, S. C., 2; Davenport, Iowa, 1; Milwaukee, Wis., 1; Minneapolis, Minn., 2; Oakland, Cal., 1; Omaha, Neb., 1; Petersburg, Va., 1; Richmond, Va., 1; St. Louis, Mo., 2; Washington, D. C., 1.

4.—BASKETS AND RATTAN AND WILLOW WARE.

1	Total	294	1,642	707,529	239	.....	186,894	5	.....	2,893	27	.....	17,680	6	.....	2,060
2	Allegheny, Pa	3	13	6,268	1	12.00	624	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Baltimore, Md	17	45	17,860	19	8.34	7,989	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Boston, Mass	8	31	14,817	7	13.86	4,836	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Brooklyn, N. Y	30	174	86,471	30	16.21	24,649	1	$15.00	780	6	19.87	6,200	3	7.00	1,092
6	Buffalo, N. Y	9	32	6,537	9	8.05	3,368	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Camden, N. J	3	6	2,382	3	9.75	1,436	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Chelsea, Mass	5	33	14,730	5	14.32	3,040	.....	.....	.....	1	12.04	600	.....	.....	.....
9	Chicago, Ill	7	93	50,928	8	17.71	7,368	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Cincinnati, Ohio	16	56	24,589	16	11.07	9,213	.....	.....	.....	7	6.32	2,300	.....	.....	.....
11	Covington, Ky	4	7	4,000	4	14.00	2,650	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Detroit, Mich	7	50	20,920	9	11.49	5,180	.....	.....	.....	.....	.....	.....	1	9.00	468
13	Harrisburg, Pa	3	4	1,800	4	8.65	1,800	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Indianapolis, Ind	5	68	22,765	6	14.05	4,140	1	19.27	835	.....	.....	.....	.....	.....	.....
15	Louisville, Ky	4	6	2,608	3	8.63	1,122	1	10.58	550	.....	.....	.....	.....	.....	.....
16	Milwaukee, Wis	5	10	3,114	5	7.54	1,960	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	New Orleans, La	7	17	8,029	4	12.16	2,107	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Newport, Ky	9	18	8,767	9	10.61	4,965	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	New York, N. Y	31	297	109,599	37	19.83	37,550	.....	.....	.....	12	12.50	7,800	.....	.....	.....
20	Philadelphia, Pa	47	101	47,180	38	9.99	18,134	1	9.00	468	.....	.....	.....	.....	.....	.....
21	Rochester, N. Y	5	131	26,315	4	15.10	2,650	.....	.....	.....	.....	.....	.....	1	6.15	300
22	St. Louis, Mo	15	107	44,793	16	10.90	8,975	.....	.....	.....	.....	.....	.....	1	3.85	200
23	San Francisco, Cal	8	47	22,663	8	15.70	6,225	.....	.....	.....	1	15.65	780	.....	.....	.....
24	Syracuse, N. Y	10	104	27,766	11	15.13	7,931	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Washington, D. C	3	7	3,814	3	14.90	2,324	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	All other cities (a)	33	185	68,814	30	.....	16,658	1	.....	260	.....	.....	.....	.....	.....	.....

a Embraces Atlanta, Ga., 1; Charleston, S. C., 1; Cleveland, Ohio, 1; Cohoes, N. Y., 1; Columbus, Ohio, 1; Dayton, Ohio, 1; Denver, Colo., 1; Evansville, Ind., 1; Grand Rapids, Mich., 1; Kansas city, Kan., 1; Kingston, N. Y., 1; Lawrence, Mass., 1; Lexington, Ky., 1; Manchester, N. H., 1; Minneapolis, Minn., 1; Muskegon,

5.—BOOKBINDING AND BLANK-BOOK MAKING.

1	Total	680	13,158	6,647,612	795	.....	952,456	15	.....	13,942	340	.....	313,408	50	.....	23,109
2	Albany, N. Y	6	80	45,001	8	17.07	7,100	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Baltimore, Md	16	164	71,800	12	15.01	9,366	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Boston, Mass	53	1,382	591,280	44	20.31	46,242	1	11.54	600	4	14.13	2,938	.....	.....	.....
5	Brooklyn, N. Y	11	640	353,838	13	24.64	15,910	1	7.69	400	11	14.35	8,116	5	9.60	2,496
6	Buffalo, N. Y	5	82	31,924	9	22.44	10,500	.....	.....	.....	42	20.60	45,000	.....	.....	.....
7	Cambridge, Mass	3	34	18,625	4	17.18	3,500	.....	.....	.....	3	3.85	600	.....	.....	.....
8	Chicago, Ill	33	938	525,373	44	20.76	66,923	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Cincinnati, Ohio	21	203	86,327	24	17.03	21,257	2	7.69	800	36	17.89	33,200	12	9.95	6,109
10	Cleveland, Ohio	8	81	38,914	13	17.78	12,020	.....	.....	.....	1	6.00	312	1	3.00	156
11	Columbus, Ohio	4	22	7,077	6	10.32	2,952	.....	.....	.....	1	11.54	600	.....	.....	.....

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

2.—AWNINGS, TENTS, AND SAILS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
17	$12.14	$8,914	33	$4.84	$6,633	.....	.....	.....	2	$5.00	$520	.....	.....	.....	.....	.....	.....	36
4	8.28	1,525	.....	.....	.....	.....	.....	.....	1	5.77	200	2	$4.33	$300	.....	.....	.....	37
18	10.98	10,280	21	4.87	5,320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
179	.....	85,819	157	.....	33,769	.....	.....	.....	10	.....	3,669	18	.....	4,878	1	.....	$150	39

Ky., 1; Lowell, Mass., 2; Memphis, Tenn., 2; Meriden, Conn., 1; Mobile, Ala., 2; Montgomery, Ala., 1; Muskegon, Mich., 1; New Bedford, Mass., 2; Newburg, N. Y., 1; Omaha, Neb., 1; Oshkosh, Wis., 1; Oswego, N. Y., 1; Paterson, N. J., 1; Peoria, Ill., 2; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Richmond, Va., 2; Rochester, N. Y., 2; Saginaw, Mich., 1; St. Joseph, Mo., 1; Salem, Mass., 1; San Antonio, Tex., 1; Seattle, Wash., 1; Sioux city, Iowa, 1; Springfield, Ill., 1; Springfield, Mass., 2; Springfield, Mo., 1; Springfield, Ohio, 1; Tacoma, Wash., 1; Topeka, Kan., 1; Trenton, N. J., 1; Utica, N. Y., 1; Waterbury, Conn., 1; Wheeling, W. Va., 2; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Wilmington, N. C., 1; Worcester, Mass., 2; Yonkers, N. Y., 2.

3.—BAGS, OTHER THAN PAPER.

805	.....	428,184	1,047	.....	282,572	31	.....	$5,078	165	.....	73,776	97	.....	22,085	19	.....	4,020	1
13	11.46	7,745	17	3.61	3,195	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
26	11.92	16,112	65	5.88	19,870	.....	.....	.....	8	9.00	3,744	16	4.25	3,536	.....	.....	.....	3
58	9.14	27,565	19	5.36	5,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
18	9.59	8,602	42	7.90	16,952	7	$4.62	1,050	5	9.23	2,400	.....	.....	.....	.....	.....	.....	5
93	11.29	54,584	150	4.95	38,636	4	3.00	624	21	8.56	9,344	12	4.02	2,508	.....	.....	.....	6
250	7.23	94,020	266	4.96	68,646	.....	.....	.....	10	10.00	5,200	.....	.....	.....	.....	.....	.....	7
52	13.74	37,146	17	8.20	7,250	.....	.....	.....	11	8.11	4,640	.....	.....	.....	17	$4.07	3,600	8
295	.....	182,410	471	.....	122,723	20	.....	3,404	110	.....	48,448	69	.....	16,641	2	.....	420	9

4.—BASKETS AND RATTAN AND WILLOW WARE.

561	.....	274,802	87	.....	27,652	34	.....	5,392	26	.....	9,032	.....	.....	.....	8	.....	1,158	1
12	9.04	5,644	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
16	8.22	6,837	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
22	8.30	9,228	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
66	8.90	29,076	3	4.07	626	.....	.....	.....	4	7.16	1,396	.....	.....	.....	.....	.....	.....	5
6	4.53	1,412	1	6.00	312	2	2.12	220	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
1	7.99	346	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
22	9.28	9,970	5	5.27	1,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
71	10.25	37,840	2	5.00	520	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
22	9.26	10,596	.....	.....	.....	7	3.69	1,344	2	3.00	312	.....	.....	.....	.....	.....	.....	10
2	10.58	1,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
9	10.64	4,517	2	5.94	515	3	4.49	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
16	11.03	7,650	.....	.....	.....	15	3.60	2,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
2	9.00	936	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
1	5.77	300	.....	.....	.....	.....	.....	.....	2	2.00	104	.....	.....	.....	.....	.....	.....	16
13	8.76	5,922	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
2	8.00	832	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
137	11.32	80,610	71	6.55	24,149	1	3.00	78	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
23	9.23	10,798	3	3.94	410	1	2.88	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
21	8.38	8,174	.....	.....	.....	1	2.88	150	1	8.00	416	.....	.....	.....	.....	.....	.....	21
5	13.85	3,600	.....	.....	.....	2	1.54	160	3	8.01	1,250	.....	.....	.....	3	3.26	508	22
9	13.42	6,104	.....	.....	.....	.....	.....	.....	6	9.30	2,808	.....	.....	.....	5	2.61	650	23
1	8.65	450	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
4	7.16	1,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
78	.....	31,370	.....	.....	.....	2	.....	250	8	.....	2,746	.....	.....	.....	.....	.....	.....	26

Mich., 1; Nashville, Tenn., 1; Newark, N. J., 1; Peoria, Ill., 1; Pittsburg, Pa., 1; Portland, Ore., 1; Quincy, Ill., 1; Racine, Wis., 1; Reading, Pa., 1; Sacramento, Cal., 1; St. Paul, Minn., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Wheeling, W. Va., 2; Wilmington, Del., 1; Worcester, Mass., 1; York, Pa., 1.

5.—BOOKBINDING AND BLANK-BOOK MAKING.

5,336	.....	3,226,201	3,999	.....	1,226,279	188	.....	30,796	448	.....	162,745	154	.....	38,599	40	.....	7,105	1
20	9.38	9,760	18	4.68	4,381	1	2.50	130	1	2.50	130	.....	.....	.....	.....	.....	.....	2
77	10.67	42,710	45	4.87	11,398	.....	.....	.....	3	4.92	768	11	3.23	1,850	2	2.50	260	3
428	10.98	243,056	408	6.14	128,952	4	2.47	514	29	8.06	12,040	4	6.02	1,200	2	4.50	468	4
398	10.41	214,834	171	8.20	72,916	1	2.88	150	6	10.26	3,200	2	6.00	624	.....	.....	.....	5
26	8.99	12,150	32	3.71	6,174	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
17	10.88	9,525	10	5.96	3,100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
532	11.46	315,552	266	6.53	89,937	18	3.64	3,202	23	7.01	8,360	.....	.....	.....	6	5.03	1,570	8
83	9.83	42,426	49	5.30	13,504	26	2.75	3,718	2	5.00	390	.....	.....	.....	.....	.....	.....	9
35	10.69	19,460	24	4.36	5,443	3	2.88	450	3	3.40	531	.....	.....	.....	1	3.46	180	10
6	8.76	2,164	3	4.11	641	1	1.92	100	1	2.40	125	.....	.....	.....	.....	.....	.....	11

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

2.—AWNINGS, TENTS, AND SAILS—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Pieceworkers. Number.	Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over
36	Toledo, Ohio			9.00	9.33	28		5			1	1		8	12	1	
37	Troy, N. Y			8.33	7.67	10		1		1	2	2		1	2	1	
38	Washington, D. C			9.50	9.50	23	1	2	1	1	2	1	3	10	2		
39	All other cities	38	$6,430			309	10	12	7	15	21	45	26	60	66	26	12

3.—BAGS OTHER THAN PAPER—Continued.

1	Total	1,164	335,569			1,175	39	49	58	252	89	110	112	116	153	131	66
2	Boston, Mass	4	743	9.83	9.67	19				1		5		6	6	1	
3	Chicago, Ill			9.75	9.75	47						9	6	19	2	8	3
4	Cincinnati, Ohio	42	12,015	9.40	9.20	70	7	14	4	4		16	5	3	9	2	6
5	New Orleans, La	17	3,100	10.00	10.00	29			1	4	4	11	3		2		4
6	New York, N. Y	139	36,034	9.30	9.32	156	5	6	9	6	11	21	29	17	25	12	15
7	Philadelphia, Pa	107	25,822	9.60	9.60	307	2	5	22	204	33	1	24	2	5	4	5
8	San Francisco, Cal	52	18,400	9.80	9.80	67		6	2	8		2	11	9	15	10	4
9	All other cities	803	239,455			480	25	18	20	25	41	45	34	60	89	94	29

4.—BASKETS AND RATTAN AND WILLOW WARE—Continued.

1	Total	599	179,966			903	51	48	43	62	81	158	153	176	90	25	16
2	Allegheny, Pa			10.00	10.00	13			1			11		1			
3	Baltimore, Md	10	3,034	10.00	10.00	35	4	2	4	6	4	3	10		2		
4	Boston, Mass	2	753	9.71	9.75	29					18	1	3	5	2		
5	Brooklyn, N. Y	61	22,652	10.47	10.53	106	8	1	7	5	20	14	18	17	11	1	4
6	Buffalo, N. Y	14	1,225	10.00	10.00	15	4	1	2	6		1			1		
7	Camden, N. J	2	600	10.33	10.33	4				1	1		2				
8	Chelsea, Mass			9.60	10.20	28	1	1			4		17	4		1	
9	Chicago, Ill	12	5,200	9.86	9.71	79		3				28	25	17	1	4	1
10	Cincinnati, Ohio	2	824	9.72	9.09	47	4	6	5	1	1	16	3	4	7		
11	Covington, Ky	1	250	9.50	9.50	6					1		2	1	2		
12	Detroit, Mich	26	9,540	10.00	9.71	18	1	1		7		2	2	1	3		1
13	Harrisburg, Pa					4					4						
14	Indianapolis, Ind	30	7,800	9.20	9.00	22			1	2		14	1		2		2
15	Louisville, Ky			10.00	10.00	5				1	1	2	1				
16	Milwaukee, Wis	2	750	8.40	8.40	8	2	1	2	1	1		1				
17	New Orleans, La			9.67	9.67	17	1	2	4			3		6	1		
18	Newport, Ky	7	2,970	9.89	9.89	11					3	2	3	2	1		
19	New York, N. Y	39	19,412	9.50	9.50	186	11	5	3	5	4	17	33	63	31	8	6
20	Philadelphia, Pa	35	17,220	9.77	9.74	61	1		5	6	8	12	17	9	3		
21	Rochester, N. Y	103	14,625	10.00	9.75	26	2	3		5	5	7	1	1		2	
22	St. Louis, Mo	77	30,100	10.67	10.13	24		1		7		5	4	2	3	2	
23	San Francisco, Cal	18	6,096	10.38	10.25	24		1	3	2	1	3	1	4	4	4	1
24	Syracuse, N. Y	92	19,385	10.00	9.90	12				2	1		3	3		2	1
25	Washington, D. C			9.00	9.00	7	1	1					2	1	2		
26	All other cities	66	17,530			116	11	10	6	5	4	17	4	35	14	1	

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

1	Total	1,784	652,972			6,928	500	287	279	327	368	354	897	1,361	1,690	463	393
2	Albany, N. Y	32	24,100	9.83	9.67	29	5				2	1	13	4	3		1
3	Baltimore, Md	10	2,600	9.88	9.88	96	18	6	4	6	1		14	23	20	2	2
4	Boston, Mass	446	147,590	9.58	9.51	512	53	23	20	43	25	41	54	94	115	33	11
5	Brooklyn, N. Y	6	804	9.59	9.45	459	1	3	2	1	100	15	132	146	48	1	10
6	Buffalo, N. Y	12	2,500	9.90	9.90	38	4	2		1	9	9	1	6	1		5
7	Cambridge, Mass	3	2,500	10.00	10.00	21	2	1	2		1	2	1	3	7	2	
8	Chicago, Ill	1	520	9.76	9.76	635	6	21	9	99	32	41	124	86	148	42	27
9	Cincinnati, Ohio	15	3,764	9.86	9.86	110	15	9	7	8	4	5	10	16	24	9	3
10	Cleveland, Ohio	1	230	9.81	9.81	52	6	2	2	2		3	16	6	11	2	2
11	Columbus, Ohio	5	1,095	9.75	9.75	13	1			2	4	3	2	1			

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

2.—AWNINGS, TENTS, AND SAILS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
33	15	11	7														36
2	1		1														37
21	7	10		1		1	2										38
180	70	58	20	16	6	7	1	1		1		1	1				39

3.—BAGS OTHER THAN PAPER—Continued.

1,161	556	218	168	72	66	72	7	1	1			50	50				1
18	17			1													2
83	12	15	53	1			2										3
19	9	5	5														4
42			2		40							7	7				5
167	54	80	11	7	10		4	1				4	4				6
270	246	4	18	2													7
17			1	12	1	2			1			17	17				8
545	218	114	78	49	15	70	1					22	22				9

4.—BASKETS AND RATTAN AND WILLOW WARE—Continued.

98	15	20	5	51	2	2	1		2			42	38	4			1
																	2
																	3
																	4
7	1	1	1	3					1								5
1			1									2	2				6
																	7
5	2	1		2													8
2		2															9
												7	3	4			10
																	11
3		2				1						3	3				12
																	13
1									1			15	15				14
1							1										15
																	16
																	17
																	18
71	9	11	3	46	2							1	1				19
4	2	1				1						1	1				20
1		1										1	1				21
1	1											5	5				22
												5	5				23
																	24
																	25
1		1										2	2				26

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

4,218	1,091	956	855	723	242	224	62	48	12	1	4	228	205	18	3	2	1
18	12	3	3									1	1				2
56	25	27	4									2	2				3
418	88	150	70	31	21	25	21	12				6	5	1			4
174	1	27	4	41	1	100						1	1				5
32	31	1															6
10		5	5														7
278	13	98	55	60	22	13	8	7	2			24	11	13			8
52	8	35	4	3		1			1			26	26				9
24	13	6	5									4	4				10
3	3											1	1				11

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
12	Covington, Ky	3	11	$6,150	3	$17.73	$2,650									
13	Dayton, Ohio	4	81	37,213	9	23.08	10,750				2	$9.62	$1,000			
14	Denver, Colo	5	93	53,025	6	23.63	7,320				4	21.63	4,500			
15	Detroit, Mich	10	158	56,745	10	16.95	8,740				1	15.00	780			
16	Grand Rapids, Mich	3	53	20,516	4	21.29	4,152									
17	Holyoke, Mass	3	234	131,879	8	32.98	13,720				20	22.02	22,900			
18	Indianapolis, Ind	3	68	31,796	4	30.77	6,400				3	16.03	2,500	2	$7.60	$800
19	Kansas city, Mo	4	21	10,310	5	14.85	3,800									
20	Los Angeles, Cal	3	30	17,050	4	26.30	5,470	1	$13.85	$720						
21	Louisville, Ky	4	161	67,250	5	33.92	8,820				5	11.08	2,880	2	7.21	750
22	Lynn, Mass	3	30	13,084	4	16.36	3,120				1	13.46	700	1	6.00	132
23	Milwaukee, Wis	12	108	76,283	9	19.98	8,790				2	16.78	1,600			
24	Newark, N. J	7	64	34,470	8	22.74	9,460									
25	New Orleans, La	9	54	26,609	10	20.32	10,040				1	7.50	390			
26	New York, N. Y	192	4,580	2,506,873	269	27.68	386,408	3	27.83	4,100	108	19.69	105,999	9	9.98	4,580
27	Peoria, Ill	3	18	7,086	2	17.12	1,780									
28	Philadelphia, Pa	67	1,616	723,295	65	23.14	77,139	1	19.23	1,000	61	15.30	48,046	10	8.90	4,572
29	Pittsburg, Pa	6	107	52,224	6	23.49	6,820				6	13.00	4,056			
30	Portland, Me	6	64	28,802	4	20.89	4,300									
31	Portland, Ore	3	73	32,070	3	17.62	2,748	1	13.46	700	1	13.85	720	1	12.00	624
32	Providence, R. I	4	68	33,082	4	25.38	5,280									
33	Richmond, Va	3	78	46,303	7	32.97	12,000				8	15.14	6,300			
34	Rochester, N. Y	5	53	24,138	7	20.74	7,280							1	6.73	350
35	St. Louis, Mo	14	381	166,735	19	19.79	19,465				9	14.76	6,810	2	8.05	820
36	St. Paul, Minn	5	90	44,782	7	19.94	6,740									
37	San Francisco, Cal	17	259	149,086	19	28.01	27,548	4	23.42	4,872	5	19.25	5,004	2	10.19	1,060
38	Syracuse, N. Y	4	62	28,409	7	20.13	7,328				2	6.95	723			
39	Troy, N. Y	3	25	11,922	3	16.48	2,500									
40	Utica, N. Y	3	22	10,212	3	14.67	2,288				2	17.31	1,800			
41	Washington, D. C	9	53	23,360	7	15.19	5,200									
42	All other cities (a)	103	757	345,344	97		84,570	1		750	10		5,934	2		660

a Embraces Allegheny, Pa., 2; Allentown, Pa., 2; Altoona, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Bay city, Mich., 1; Binghamton, N. Y., 2; Birmingham, Ala., 1; Bridgeport, Conn., 1; Brockton, Mass., 1; Burlington, Iowa, 1; Camden, N. J., 1; Canton, Ohio, 1; Chelsea, Mass., 1; Davenport, Iowa, 2; Des Moines, Iowa, 2; Elmira, N. Y., 1; Evansville, Ind., 1; Fall River, Mass., 2; Fitchburg, Mass., 1; Fort Wayne, Ind., 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Jackson, Mich., 1; Jersey city, N. J., 1; Johnstown, Pa., 1; Joliet, Ill., 1; Knoxville, Tenn., 1; Lacrosse, Wis., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lewiston, Me., 1; Lowell, Mass., 1; Manchester, N. H., 2; Minneapolis, Minn., 2; Mobile, Ala., 2; New Bedford, Mass., 2; Newburg, N. Y., 1; New Haven, Conn., 1; Newport, Ky., 2; Newton, Mass., 1;

6.—BOOTS AND SHOES, FACTORY PRODUCT.

1	Total	1,269	79,459	38,018,859	1,842		2,314,394	44		25,367	1,361		1,293,812	347		152,894
2	Albany, N. Y	5	493	233,944	7	27.73	9,734				14	27.21	19,275	3	6.67	1,040
3	Allentown, Pa	5	396	161,723	12	21.29	13,100				10	13.16	6,842	3	4.55	710
4	Auburn, N. Y	4	471	152,976	4	37.85	6,560				15	17.27	11,078			
5	Baltimore, Md	27	1,228	516,048	31	22.02	34,440				33	14.72	24,188	7	8.39	3,016
6	Binghamton, N. Y	4	696	325,798	11	52.91	28,430				13	23.15	14,494	6	10.03	3,060
7	Boston, Mass	18	928	441,920	27	24.18	33,242				14	11.80	8,538	4	8.29	1,724
8	Brockton, Mass	73	8,120	4,916,936	106	47.76	242,111	1	15.38	600	151	21.06	160,123	33	10.03	16,437
9	Brooklyn, N. Y	41	1,878	947,912	48	25.91	61,394	1	6.92	360	32	16.96	26,350	2	6.56	668
10	Buffalo, N. Y	18	711	260,560	21	24.16	25,674				17	13.56	11,634	1	7.00	338
11	Camden, N. J	25	585	284,146	27	16.98	23,287				27	15.84	20,801	1	15.00	715
12	Chicago, Ill	44	3,439	1,749,095	60	25.08	72,814				41	16.47	34,755	17	7.94	6,816
13	Cincinnati, Ohio	35	4,137	1,876,620	62	32.01	97,747				74	19.54	69,190	17	7.87	6,868
14	Cleveland, Ohio	4	272	127,216	6	28.33	8,040				7	17.60	6,440	1	4.20	200
15	Columbus, Ohio	3	220	90,467	9	30.92	13,300				10	14.44	7,400	1	5.63	250
16	Detroit, Mich	7	1,027	476,424	7	39.98	12,950				43	31.86	64,616	3	5.95	864
17	Elmira, N. Y	3	301	127,411	4	25.58	4,600				13	16.87	10,343	2	7.64	728
18	Haverhill, Mass	226	10,814	4,786,416	289	20.57	289,601	11	10.32	5,388	80	16.38	65,821	60	8.68	26,616
19	Louisville, Ky	7	268	111,529	13	20.58	11,260				10	19.97	9,475			
20	Lynn, Mass	238	12,105	6,402,131	320	23.00	351,298	27	12.38	15,583	98	19.57	94,137	109	8.62	47,174
21	Milwaukee, Wis	17	1,140	483,472	27	26.39	28,361				37	15.63	25,970	4	10.27	1,970
22	Newark, N. J	18	1,827	925,997	33	24.25	38,383	2	14.41	1,436	42	26.96	54,960	3	11.03	1,530
23	New Bedford, Mass	4	348	197,656	5	18.23	4,740				1	16.05	800	1	8.35	416
24	New Orleans, La	17	825	365,280	20	25.74	26,384				19	10.16	9,996			
25	New York, N. Y	76	3,301	1,994,163	105	33.51	177,320	1	25.17	1,200	64	20.97	66,237	7	13.34	4,638
26	Philadelphia, Pa	93	5,140	2,391,509	83	23.80	95,614				100	19.54	94,412	11	8.46	4,676
27	Portland, Me	8	741	345,838	13	26.71	16,493				13	21.92	12,350	3	9.52	1,320
28	Richmond, Va	3	98	66,234	6	39.42	12,300				5	13.52	3,514			
29	Rochester, N. Y	51	4,613	1,913,625	91	31.99	134,311				139	20.91	136,074	15	10.40	7,494
30	Rockford, Ill	3	157	66,095	7	27.76	7,099									
31	St. Louis, Mo	24	2,592	1,155,635	53	32.26	81,330				31	20.86	32,570	1	11.54	300
32	Salem, Mass	23	1,011	364,993	32	22.05	29,904				2	11.49	1,120	13	7.57	4,650
33	San Francisco, Cal	55	2,423	1,228,003	173	15.18	133,560	1	18.93	800	15	19.63	14,740	1	14.20	600
34	Syracuse, N. Y	5	529	222,769	4	37.67	7,100				13	23.52	14,422	1	7.00	364

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
7	$9.32	$3,250							1	$5.02	$250							12
43	8.78	19,585	27	$4.21	$5,878													13
65	10.94	36,940	11	5.35	3,049	6	$3.66	$1,141	1	4.62	75							14
60	8.01	24,931	72	5.14	19,174													15
18	11.01	10,162	28	4.17	5,746	2	2.00	156	1	7.69	300							16
58	11.31	34,124	57	6.11	18,101				23	7.65	9,153	4	$4.13	$860	6	$3.37	$1,050	17
29	10.94	16,500	14	4.07	2,962	13	3.48	2,354							3	1.79	280	18
8	10.94	4,550	7	4.40	1,600				1	5.77	300							19
11	12.39	7,088	9	5.56	2,602				1	7.50	390	2	4.50	468	2	3.00	312	20
61	10.04	31,844	60	4.99	15,578	5	3.85	1,000	9	5.34	2,500							21
10	11.40	5,732	14	5.84	4,000													22
80	12.73	51,800	51	3.76	9,438	1	2.50	130	17	4.02	3,300	8	3.09	1,225				23
28	10.63	15,474	18	5.84	5,468	3	3.00	468										24
20	10.54	10,965	5	6.10	1,586				15	4.02	3,030	3	3.83	598				25
1,841	13.32	1,252,855	1,491	6.22	476,404	9	3.09	1,427	186	7.98	76,357	54	6.23	17,468				26
4	12.85	2,672	10	4.37	2,270	2	3.50	364										27
573	10.70	316,741	403	5.87	121,890	46	3.76	8,959	36	6.79	12,718				4	4.36	906	28
34	14.57	25,442	35	5.21	8,912				15	5.37	4,186	1	4.00	208				29
28	11.62	16,820	17	5.71	5,000				4	3.26	612	5	4.50	1,170				30
18	12.16	11,386	39	6.55	13,292													31
28	11.64	16,942	31	6.15	9,910	5	3.65	950										32
35	11.61	21,136	22	5.23	5,838	2	1.21	126	3	4.54	709				1	2.00	104	33
23	9.54	11,412	22	4.51	5,096													34
156	10.00	79,950	162	5.95	48,921	3	4.37	682	10	9.64	4,870				4	2.87	597	35
13	12.18	8,234	14	4.85	3,532	3	3.69	576										36
84	15.79	68,760	96	5.97	29,818	9	3.00	1,404	12	6.58	4,104	15	3.26	2,540	5	3.60	936	37
34	8.98	15,884	19	4.53	4,474													38
10	12.75	6,436	6	6.99	2,136				4	2.73	550	2	3.01	300				39
8	9.71	4,038	6	5.22	1,630	1	3.00	156	1	1.92	100							40
32	8.38	13,941	8	6.51	2,709				6	4.84	1,510							41
295	.....	168,970	219	.....	52,669	24	.....	2,639	34	.....	12,187	43	.....	10,088	4	.....	442	42

Omaha, Neb., 1; Oshkosh, Wis., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Petersburg, Va., 1; Poughkeepsie, N. Y., 2; Quincy, Ill., 2; Racine, Wis., 1; Reading, Pa., 2; Rockford, Ill., 1; Sacramento, Cal., 1; Saginaw, Mich., 2; St. Joseph, Mo., 1; Salem, Mass., 2; San Antonio, Tex., 1; Scranton, Pa., 1; Seattle, Wash., 2; South Bend, Ind., 2; Springfield, Ill., 1; Springfield, Ohio., 2; Tacoma, Wash. 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 1; Topeka, Kan., 1; Trenton, N. J., 1; Waterbury, Conn., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 1; Wilmington, Del., 1; Worcester, Mass., 2; Yonkers, N. Y., 1; York, Pa., 2; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

6.—BOOTS AND SHOES, FACTORY PRODUCT.

21,203	.....	11,905,724	8,767	.....	2,877,260	799	.....	114,037	976	.....	325,996	498	.....	122,979	252	.....	31,504	1
152	9.38	72,384	46	5.72	13,190				1	9.89	450							2
84	9.14	39,668	29	4.52	6,810	25	2.14	2,740	2	9.13	950							3
102	8.45	36,171	81	4.79	17,179	5	2.40	520	84	8.38	31,968	101	4.46	20,500	41	3.48	6,500	4
337	8.88	152,416	216	4.08	44,530	10	2.23	1,068	3	3.00	468							5
350	9.91	172,376	205	6.17	62,768				5	12.04	3,000							6
155	10.48	81,838	68	7.51	24,357	2	3.46	360	13	7.69	5,200	2	8.00	832				7
2,557	13.14	1,678,462	607	9.76	294,428	41	3.30	6,716	111	6.54	35,543	48	5.91	14,003	11	5.11	2,816	8
654	11.16	360,762	261	6.15	79,270	24	4.16	4,730	12	8.77	5,434	16	6.07	4,498				9
303	8.47	129,648	213	3.55	38,434	5	3.17	800	1	0.96	50							10
135	10.88	74,279	100	6.38	32,455	4	4.00	832	22	7.11	8,042	5	4.00	1,040				11
1,960	11.35	1,145,762	995	6.43	329,250	13	3.34	2,260	19	8.68	8,467	14	5.26	3,830	1	2.89	138	12
1,905	10.13	923,241	1,018	6.36	323,165	27	3.17	3,386	7	10.90	3,742	1	4.00	208				13
62	11.27	30,780	56	6.38	15,603	5	3.69	800	1	11.71	520							14
7	16.82	5,867	3	7.81	1,100	13	2.33	1,575										15
112	10.73	59,632	70	5.64	19,570													16
106	10.37	51,922	17	5.45	4,414	7	1.84	613				3	11.17	1,597				17
1,596	13.02	1,043,169	366	8.10	144,232	1	2.88	150	2	11.77	1,224	1	12.00	624				18
88	8.11	33,078	72	4.66	16,168	4	2.82	550	1	3.46	45							19
1,375	13.59	934,567	599	8.81	268,616	56	3.89	10,579	9	6.06	2,712	8	4.50	1,691				20
336	11.13	190,326	171	5.78	44,194	28	3.21	4,312	22	5.93	5,797	19	3.82	3,329				21
344	11.56	191,472	136	5.37	36,454	12	3.18	1,882	44	7.91	15,537	37	5.90	9,700	40	3.63	6,556	22
80	10.49	42,120	38	6.00	11,410				1	9.39	468							23
296	9.33	134,045	3	2.31	300	50	0.69	1,800	31	7.40	11,922							24
1,207	12.91	845,856	419	7.78	163,908	1	3.00	156	22	7.75	8,792	1	5.54	234				25
1,398	10.46	687,395	610	6.22	178,824	210	2.66	28,824	16	9.52	7,467	1	2.00	104	2	3.15	300	26
60	14.62	36,800	75	6.38	23,014	1	3.03	138	75	6.64	21,864	23	7.71	7,680				27
57	13.87	41,120	15	5.13	4,000	7	1.92	700	2	15.38	1,600							28
568	10.98	295,534	278	5.96	76,389	175	3.26	25,965	22	12.62	12,340				30	4.37	6,820	29
111	11.26	49,557	32	6.12	7,528	3	2.71	211	1	7.69	200							30
1,134	10.68	595,470	912	5.73	256,812	25	3.62	4,468	29	9.58	14,285	17	3.42	3,020	98	1.07	5,448	31
79	9.17	34,615	43	6.89	14,373				13	4.57	2,514	7	4.53	1,414	2	0.53	48	32
1,059	9.74	519,026	73	8.09	29,160	15	4.33	3,312	27	10.58	13,706				13	3.33	2,178	33
26	13.18	17,332	3	10.17	1,476				25	7.57	9,360	33	3.60	5,851	4	2.50	520	34

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
12	Covington, Ky			10.00	10.00	11		2		1	1	1		3	2	1	
13	Dayton, Ohio			10.00	10.00	54	9	7	4	2	7		3	8	5	5	4
14	Denver, Colo			9.30	9.30	76	2	1	3	3	2	2	36	5	13	6	3
15	Detroit, Mich	15	$3,120	9.90	9.90	71	6	12		9	12	4	13	4	8	2	1
16	Grand Rapids, Mich			10.00	10.00	23	2			3		2	1	6	7	1	1
17	Holyoke, Mass	58	31,971	9.67	10.00	109	8	9	4	17	9	5	14	10	12	16	5
18	Indianapolis, Ind			9.67	10.00	36	1	2	1	6	2	3	3		14	2	2
19	Kansas city, Mo			9.75	9.75	14	1	2		1	1		2	2	4	1	
20	Los Angeles, Cal			9.50	9.50	16	1		2	1				6	3	2	1
21	Louisville, Ky	14	3,878	10.50	10.50	80	11	8	7	8	5	6	3	6	17	6	3
22	Lynn, Mass			9.67	9.67	15						3	5	3	4		
23	Milwaukee, Wis			10.00	10.00	108	16	3	5	7	2	5	11	37	12	5	5
24	Newark, N. J	7	3,600	10.00	10.00	36	2	3	3	2	3		1	7	11	3	1
25	New Orleans, La			9.78	9.78	46	13		2	7	1	2	4	3	8	4	2
26	New York, N. Y	610	247,275	9.54	9.50	2,404	122	72	94	35	56	78	214	494	800	173	206
27	Peoria, Ill			9.83	9.83	6				1				2	3		
28	Philadelphia, Pa	417	131,324	9.75	9.76	735	75	28	42	29	32	52	77	198	130	42	30
29	Pittsburg, Pa	10	2,600	10.00	10.00	61	6	3	3	1	2		14	7	16	4	5
30	Portland, Me	6	900	8.33	8.33	36	4	6	1	4	3		2	5	7	3	1
31	Portland, Ore	10	2,600	10.67	10.67	22	3		2		1	3	3	3	3	3	1
32	Providence, R. I			9.75	10.00	32	3	2	1		2	2	6	4	6	3	3
33	Richmond, Va			10.00	10.00	53	2				1	5	23	8	5	1	8
34	Rochester, N. Y			9.60	9.60	30	5		2	1	1	1	1	9	6	2	2
35	St. Louis, Mo	16	4,620	9.50	9.50	194	26	14	13	3	11	9	27	34	31	13	8
36	St. Paul, Minn	53	25,700	10.00	10.00	20						6		8	1	5	
37	San Francisco, Cal	8	3,040	9.24	9.24	120	8	7	8		7	4	5	9	36	16	20
38	Syracuse, N. Y			10.00	10.00	43	10	4	2	4	1	1	4	8	3	3	3
39	Troy, N. Y			10.00	10.00	17	5				2			3	5	2	
40	Utica, N. Y	1	200	10.00	10.00	14	3						5	3	1	2	
41	Washington, D. C			8.11	8.00	45	10	2	3	1	6	9	4	4	4	1	1
42	All other cities	28	6,435			436	35	33	31	19	20	31	49	77	85	40	16

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

1	Total	43,370	19,754,892			25,382	1,549	1,190	1,760	1,299	1,386	1,797	3,215	5,607	5,195	1,234	1,150
2	Albany, N. Y	270	117,871	9.50	9.50	174	39	6	23	1	47	1		4	16	27	10
3	Allentown, Pa	231	90,003	10.00	9.60	108	8	9	12	6	4	19	20	6	12	10	2
4	Auburn, N. Y	38	22,500	10.00	10.00	205	23	29	15	31	13	23	15	20	20	8	8
5	Baltimore, Md	591	256,522	9.74	9.61	404	51	20	37	21	21	31	41	56	34	29	13
6	Binghamton, N. Y	106	41,730	10.00	10.00	379	11	31	48	52	55	59	50	30	24	5	14
7	Boston, Mass	643	285,829	9.56	9.61	209	6	8	33	23	24	5	20	28	42	10	10
8	Brockton, Mass	4,454	2,465,667	9.84	9.78	2,925	26	19	105	96	29	168	176	1,068	977	143	118
9	Brooklyn, N. Y	828	401,446	10.16	10.09	746	83	39	20	24	40	88	176	103	88	53	32
10	Buffalo, N. Y	150	53,982	10.00	9.77	342	41	14	11	41	91	21	61	34	18	5	5
11	Camden, N. J	264	122,695	9.54	9.72	211	6	7	10	20	7	26	30	49	44	7	5
12	Chicago, Ill	319	145,603	9.95	9.91	2,080	38	27	96	56	130	109	530	912	114	36	32
13	Cincinnati, Ohio	1,031	449,073	9.89	9.80	2,048	119	260	294	79	99	82	355	234	416	51	59
14	Cleveland, Ohio	134	64,833	10.00	9.50	76	6	3	1	4	10	3	25	5	13		6
15	Columbus, Ohio	177	60,975	9.67	9.33	26						1		14		2	9
16	Detroit, Mich	792	318,792	9.57	9.57	162		2		10	11	11	12	66	3	2	45
17	Elmira, N. Y	149	53,194	10.00	10.00	123	15	4	5	7	11	13	19	21	17	3	8
18	Haverhill, Mass	8,408	3,209,591	9.99	9.99	1,967	20	40	37	49	45	61	280	580	704	89	62
19	Louisville, Ky	80	40,953	9.86	9.71	112	25	1	1	22	16	1	1	14	21	3	7
20	Lynn, Mass	9,504	4,735,774	9.83	9.78	1,802	22	33	45	27	69	117	195	321	613	185	175
21	Milwaukee, Wis	446	179,204	10.00	9.70	472	47	22	9	28	36	79	51	65	108	10	17
22	Newark, N. J	1,134	568,087	9.83	9.83	463	47	34	17	36	39	40	49	50	82	25	44
23	New Bedford, Mass	222	137,792	10.00	10.00	87	8	1	5	6	7	14	10	13	16	7	
24	New Orleans, La	406	180,833	9.94	9.94	366	27	28	19	21	52	77	81	24	20	5	12
25	New York, N. Y	1,384	725,822	10.23	10.27	1,488	13	11	43	20	85	102	202	417	464	64	67
26	Philadelphia, Pa	2,709	1,293,893	9.75	9.72	1,597	137	189	77	134	91	92	138	467	157	64	51
27	Portland, Me	478	226,179	9.56	9.57	161	7	4	2	73	6	1	2	14	31	8	13
28	Richmond, Va	6	3,000	9.33	9.00	70			15	7	2	9	6		5	15	11
29	Rochester, N. Y	3,291	1,218,698	9.87	9.79	820	84	38	29	37	34	76	69	147	155	62	89
30	Rockford, Ill	3	900	10.00	10.00	119	3		3	1	1	45	12	28	12	8	6
31	St. Louis, Mo	292	161,932	9.88	9.83	1,247	123	74	50	55	54	69	214	274	249	54	31
32	Salem, Mass	820	276,355	9.96	9.96	126	11	12	8	12	23	3	12	19	10	5	11
33	San Francisco, Cal	1,046	510,981	9.97	9.97	1,274	109	93	288	157	120	40	78	68	162	99	60
34	Syracuse, N. Y	420	166,344	10.00	9.80	68	4	4	3	4	4	13	4	10	6	6	10

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

5.—BOOKBINDING AND BLANK-BOOK MAKING—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
27	21	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	13
11	3	1	7	...	...	...	...	...	...	...	...	6	6	...	...	...	14
72	36	18	13	5	...	...	...	...	...	...	...	...	...	...	...	...	15
28	26	1	1	...	...	...	...	...	...	...	...	2	2	...	...	...	16
61	18	9	30	...	2	2	...	...	...	...	...	6	5	1	...	...	17
16	10	1	3	1	...	1	...	...	...	...	...	16	16	...	...	...	18
7	4	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	19
12	2	4	4	1	...	...	...	1	...	...	...	2	2	...	...	...	20
62	16	24	9	10	2	1	...	...	...	...	...	5	5	...	...	...	21
15	...	9	4	2	...	...	...	...	...	...	...	...	...	...	...	...	22
59	50	7	...	2	...	...	...	...	...	...	...	1	1	...	...	...	23
18	8	5	2	1	...	...	...	2	...	...	...	3	3	...	...	...	24
8	5	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	25
1,557	263	259	369	461	155	35	3	4	5	...	3	9	9	...	...	...	26
10	7	2	1	...	...	...	...	...	...	...	...	2	2	...	...	...	27
414	145	62	111	38	14	21	10	10	2	1	...	50	45	...	3	2	28
36	19	9	3	4	...	...	1	...	...	...	...	...	...	...	...	...	29
22	9	5	6	1	...	...	1	...	...	...	...	...	...	...	...	...	30
41	2	1	29	3	2	2	...	2	...	...	...	...	...	...	...	...	31
31	1	8	18	...	1	2	...	1	...	...	...	5	5	...	...	...	32
22	3	17	...	1	...	...	1	...	...	...	...	3	3	...	...	...	33
23	5	15	3	...	...	...	...	...	...	...	...	...	...	...	...	...	34
164	44	47	31	13	8	9	6	6	...	...	...	7	5	2	...	...	35
14	9	4	...	...	1	...	...	...	...	...	...	3	3	...	...	...	36
117	40	14	12	23	12	6	5	3	1	...	1	14	14	...	...	...	37
19	10	2	6	...	...	1	...	...	...	...	...	...	...	...	...	...	38
8	4	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	39
6	3	2	1	...	...	...	...	...	...	...	...	1	1	...	...	...	40
8	4	...	2	...	...	...	2	...	...	...	...	...	...	...	...	...	41
265	130	71	36	22	1	...	4	...	1	...	...	28	27	1	...	...	42

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

9,656	2,102	2,124	1,492	1,282	980	551	559	432	107	26	1	1,051	986	47	18		1
49	13	6	26	...	2	...	...	1	...	1	...	...	...	...	...	...	2
32	20	3	6	1	2	...	...	...	...	...	...	25	25	...	...	...	3
182	66	48	39	20	6	...	3	...	...	...	...	46	46	...	...	...	4
223	122	68	10	9	5	5	4	...	...	...	...	10	10	...	...	...	5
211	37	78	72	17	...	1	6	...	...	...	...	...	...	...	...	...	6
74	5	8	19	13	14	7	2	3	3	...	...	2	2	...	...	...	7
689	8	21	63	88	60	171	113	127	32	6	...	52	27	14	11	...	8
280	80	55	46	32	15	40	1	11	...	...	...	24	10	14	...	...	9
214	191	16	4	2	...	...	1	...	...	...	...	5	5	...	...	...	10
106	24	16	39	6	11	...	8	1	1	...	...	4	4	...	...	...	11
1,026	68	338	162	385	37	11	11	9	5	...	...	14	13	1	...	...	12
1,031	171	466	46	109	79	31	41	88	...	...	...	27	27	...	...	...	13
57	11	20	22	2	...	...	...	2	...	...	...	5	5	...	...	...	14
4	1	1	1	...	...	...	1	...	...	...	...	13	13	...	...	...	15
73	8	15	30	20	...	...	...	...	...	...	...	...	...	...	...	...	16
22	9	5	3	2	1	...	1	1	...	...	...	7	7	...	...	...	17
438	17	23	107	100	48	54	42	41	6	...	...	1	1	...	...	...	18
72	33	31	6	1	...	...	1	...	...	...	...	4	4	...	...	...	19
743	43	32	87	86	162	73	183	53	22	2	...	56	44	10	2	...	20
194	86	45	16	24	4	7	6	2	3	1	...	28	28	...	...	...	21
178	83	18	23	6	12	25	5	4	2	...	...	52	52	...	...	...	22
39	22	6	1	4	6	...	...	...	...	...	...	...	...	...	...	...	23
3	3	...	...	...	...	...	...	...	...	...	...	50	50	...	...	...	24
428	10	31	35	35	297	8	6	2	3	...	1	1	1	...	...	...	25
622	107	246	123	50	48	18	17	11	2	...	...	212	212	...	...	...	26
101	8	54	4	26	1	3	2	1	2	...	...	1	1	...	...	...	27
15	...	15	...	...	...	...	...	...	...	...	...	7	7	...	...	...	28
288	99	30	83	12	13	17	22	4	8	...	...	214	213	1	...	...	29
32	7	3	13	1	4	...	...	4	...	...	...	3	3	...	...	...	30
930	312	204	192	120	61	17	11	7	6	...	...	123	118	...	5	...	31
63	31	2	2	...	7	3	13	5	...	...	...	2	2	...	...	...	32
75	21	6	8	5	11	3	3	12	6	...	...	28	21	7	...	...	33
37	29	5	...	1	...	...	1	1	...	...	...	4	4	...	...	...	34

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
35	Trenton, N. J	3	17	$10,704	2	$20.00	$2,080									
36	Utica, N. Y	3	507	241,256	3	28.40	4,000				26	$28.20	$33,150	1	$7.20	$312
37	Worcester, Mass	15	1,571	804,031	29	37.99	55,060				16	16.22	12,777	8	9.35	3,778
38	All other cities (a)	64	4,530	2,091,607	92		120,173				136		115,211	8		3,682

a Embraces Allegheny, Pa., 2; Bridgeport, Conn., 1; Canton, Ohio, 1; Davenport, Iowa, 2; Dubuque, Iowa, 2; Evansville, Ind., 1; Fall River, Mass., 2; Fitchburg, Mass., 2; Galveston, Tex., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 2; Hartford, Conn., 1; Indianapolis, Ind., 1; Jackson, Mich., 1; Jersey city, N. J., 1; Joliet, Ill., 1; Knoxville, Tenn., 1; Lancaster, Pa., 2; Lawrence, Mass., 1; Lewiston, Me., 1; Lowell, Mass., 2; Manchester, N. H., 1; Meriden, Conn., 1; Minneapolis, Minn., 2; Newburg, N. Y., 1; New Haven, Conn., 2; Newport, Ky., 1; Norfolk, Va., 1; Oakland, Cal., 1; Omaha, Neb., 1; Pittsburg, Pa., 1;

7.—BOXES, FANCY AND PAPER.

1	Total	440	17,062	5,953,351	535		792,682	10		$7,016	256		201,575	49		18,502
2	Albany, N. Y	3	60	14,211	3	16.83	2,625				1	5.77	300			
3	Baltimore, Md	12	459	105,590	7	12.02	4,140	1	$12.00	416	9	16.03	7,500			
4	Boston, Mass	21	690	230,918	24	21.54	26,784				8	16.79	6,984	1	9.62	500
5	Brockton, Mass	4	211	92,562	5	28.61	6,944				4	21.71	3,952			
6	Brooklyn, N. Y	20	1,238	487,694	41	31.87	66,220				64	12.84	42,482	11	5.75	3,254
7	Buffalo, N. Y	8	190	37,100	9	21.87	10,236									
8	Chicago, Ill	19	1,048	349,894	24	25.47	31,240				15	13.08	10,201	7	10.22	3,720
9	Cincinnati, Ohio	8	265	77,394	8	25.05	9,690				1	8.00	416			
10	Cleveland, Ohio	7	160	51,348	7	28.33	8,900				4	11.45	2,034	1	4.00	208
11	Cohoes, N. Y	4	161	53,796	5	15.97	3,980									
12	Detroit, Mich	4	165	39,941	4	21.27	4,424				2	11.54	1,200			
13	Haverhill, Mass	5	270	128,282	5	30.92	8,040	1	19.23	1,000	2	13.31	1,384	1	10.00	520
14	Indianapolis, Ind	3	36	8,122				2	8.63	800						
15	Jersey city, N. J	4	250	114,225	6	49.68	15,509				13	21.12	14,274			
16	Lynn, Mass	5	230	81,824	1	19.23	1,000				2	8.85	920	1	6.00	312
17	Milwaukee, Wis	4	138	46,591	6	24.40	7,612				1	9.62	500			
18	Newark, N. J	9	378	108,646	17	21.79	17,562				4	17.49	1,592	3	7.18	280
19	New Haven, Conn	4	298	104,219	5	50.42	13,000	1	16.05	800	2	17.31	1,800	1	8.65	450
20	New Orleans, La	3	85	22,059	4	13.31	2,768	1	20.00	1,040	2	18.50	1,924			
21	New York, N. Y	123	4,220	1,905,201	171	29.39	257,136	1	16.41	800	60	18.47	56,912	8	9.13	3,748
22	Paterson, N. J	4	79	25,233	5	15.04	3,845				1	10.00	520			
23	Philadelphia, Pa	39	2,154	603,826	43	24.55	54,368				24	12.43	15,248	2	9.35	972
24	Pittsburg, Pa	3	95	24,749	3	18.80	2,525				1	14.42	750			
25	Providence, R. I	3	193	36,932	2	38.46	2,000									
26	Reading, Pa	3	43	13,007	5	14.38	3,740									
27	Rochester, N. Y	6	202	47,451	6	24.33	6,010				2	25.96	2,700			
28	St. Louis, Mo	8	391	105,810	14	32.10	22,789	2	11.67	1,100	1	23.08	1,200			
29	San Francisco, Cal	6	137	58,312	6	25.61	7,880									
30	Springfield, Mass	8	160	67,255	9	23.91	11,192				2	13.46	1,400	1	10.00	520
31	Troy, N. Y	4	213	97,011	3	27.69	4,320									
32	Yonkers, N. Y	3	54	21,859	2	14.62	1,520									
33	All other cities (a)	83	2,789	792,250	85		84,702	1		1,000	31		25,382	12		4,018

a Embraces Allegheny, Pa., 1; Allentown, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Binghamton, N. Y., 1; Bridgeport, Conn., 2; Cambridge, Mass., 1; Canton, Ohio, 1; Chelsea, Mass., 1; Columbus, Ohio, 2; Davenport, Iowa, 1; Dayton, Ohio, 2; Denver, Colo., 2; Des Moines, Iowa, 1; Dubuque, Iowa, 1; Elmira, N. Y., 1; Fall River, Mass., 1; Fort Wayne, Ind., 1; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Hartford, Conn., 2; Hoboken, N. J., 1; Holyoke, Mass., 1; Jackson, Mich., 1; Kansas city, Mo., 2; Knoxville, Tenn., 1; Lancaster, Pa., 1; Lawrence, Mass., 1; Lewiston, Me., 1; Lincoln, R. I., 1; Los Angeles, Cal., 1; Louisville, Ky., 1; Lowell, Mass., 2; Memphis, Tenn., 1; Meriden, Conn., 2; Minneapolis, Minn., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; Newburg, N. Y., 1; Newport, Ky., 1;

8.—BRASS CASTINGS AND BRASS FINISHING.

1	Total	408	10,449	6,249,642	547		729,034	1		600	336		372,855	18		8,387
2	Baltimore, Md	7	1,187	663,056	6	42.72	13,328				48	46.07	115,000			
3	Boston, Mass	27	603	393,066	31	23.63	37,481				21	25.64	27,995	5	10.33	2,685
4	Brooklyn, N. Y	28	259	165,737	31	22.25	35,630				7	10.16	3,676	1	5.00	260
5	Buffalo, N. Y	10	149	95,649	15	27.40	20,958				17	11.10	9,774			
6	Chicago, Ill	25	595	384,475	44	26.84	59,839				16	18.81	15,650	4	11.42	1,930
7	Cincinnati, Ohio	20	814	436,699	27	26.20	36,440				23	16.02	19,060	2	6.66	664
8	Cleveland, Ohio	13	228	136,457	20	21.85	21,110	1	11.54	600	5	11.35	2,952	1	6.92	360
9	Columbus, Ohio	3	5	2,850	3	14.55	2,080									
10	Dayton, Ohio	3	158	81,710	5	31.29	8,000				3	7.69	1,200			
11	Detroit, Mich	12	603	336,148	21	30.86	32,162				26	18.53	24,206			
12	Jersey city, N. J	3	45	29,892	4	18.46	3,840				2	9.50	988			
13	Kansas city, Mo	3	31	22,125	3	25.64	4,000									
14	Louisville, Ky	3	18	10,296	4	17.50	3,640									
15	Lynn, Mass	3	30	16,773	4	15.16	2,036				1	4.20	200			
16	Milwaukee, Wis	5	195	97,918	9	27.30	12,420				5	12.12	3,020			

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
10	$13.00	$6,760	5	$7.40	$1,924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
07	10.45	46,358	28	5.09	6,560	.....	.....	.....	19	$2.54	$2,343	10	$2.56	$1,250	.....	.....	.....	36
532	11.58	307,251	214	6.06	65,620	19	$2.81	$2,544	16	10.25	7,798	2	5.02	500	.....	.....	.....	37
1,629	.....	838,665	700	.....	219,775	11	.....	2,046	318	.....	82,188	149	.....	41,074	1	.....	$150	38

Portland, Ore., 1; Providence, R. I., 2; Quincy, Ill., 1; Racine, Wis., 2; Reading, Pa., 2; St. Joseph, Mo., 2; St. Paul, Minn., 2; Salt Lake, Utah, 1; Springfield, Mass., 1; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 1; Troy, N. Y., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 1; Yonkers, N. Y., 1.

7.—BOXES, FANCY AND PAPER.

3,432	.....	1,776,620	4,637	.....	1,189,754	254	.....	38,613	336	.....	131,535	250	.....	50,369	64	.....	8,187	1
7	9.53	3,470	2	5.38	560	1	2.00	104	2	5.53	575	.....	.....	.....	.....	.....	.....	2
58	8.64	24,182	92	3.56	17,016	24	4.25	5,300	12	4.41	2,496	29	4.56	4,900	15	$2.50	1,300	3
100	11.21	58,300	146	5.48	41,331	.....	.....	.....	22	9.23	10,556	6	6.17	1,925	.....	.....	.....	4
50	12.78	29,731	12	5.77	3,548	.....	.....	.....	6	10.66	3,050	4	3.46	720	16	3.92	2,490	5
376	10.19	196,199	382	4.77	93,048	5	3.20	832	42	8.81	19,643	61	4.85	15,036	.....	.....	.....	6
18	6.17	5,776	163	2.49	21,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
201	8.53	87,626	243	4.04	57,430	26	2.63	3,562	30	6.13	9,455	17	4.66	4,120	5	2.31	600	8
35	9.26	16,848	177	4.69	43,160	17	2.88	2,548	1	7.00	364	.....	.....	.....	.....	.....	.....	9
19	12.10	11,062	56	4.75	12,987	.....	.....	.....	5	8.70	1,735	3	3.85	259	5	2.31	600	10
24	10.16	12,202	7	3.62	1,246	.....	.....	.....	8	7.70	3,146	.....	.....	.....	3	3.20	499	11
59	6.61	20,292	93	2.59	12,533	.....	.....	.....	1	7.69	400	.....	.....	.....	.....	.....	.....	12
43	11.14	24,018	4	11.63	2,420	.....	.....	.....	5	11.40	2,964	.....	.....	.....	.....	.....	.....	13
4	10.14	1,978	10	4.98	2,416	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2.00	104	14
71	7.73	28,548	22	5.79	6,624	25	3.23	4,199	6	10.41	3,248	.....	.....	.....	2	3.00	312	15
43	11.15	24,323	31	5.96	9,220	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
14	14.77	10,755	.....	.....	.....	.....	.....	.....	15	5.49	4,280	50	2.74	7,120	.....	.....	.....	17
76	9.50	25,317	26	6.08	7,032	.....	.....	.....	5	10.13	2,238	.....	.....	.....	.....	.....	.....	18
84	9.86	42,914	30	4.22	6,549	.....	.....	.....	7	5.89	2,143	.....	.....	.....	.....	.....	.....	19
21	6.70	7,311	31	3.07	4,948	6	2.54	792	2	4.50	468	.....	.....	.....	.....	.....	.....	20
1,216	11.57	722,098	1,535	6.15	486,675	16	3.68	3,034	30	8.43	13,012	6	4.09	1,276	.....	.....	.....	21
15	8.88	6,656	19	5.85	5,576	23	3.67	4,180	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
324	8.86	146,642	410	3.87	81,286	48	2.02	4,952	45	8.78	20,382	1	7.00	364	9	2.89	1,352	23
13	10.38	7,014	37	3.62	6,960	10	2.88	1,500	1	11.54	600	.....	.....	.....	.....	.....	.....	24
81	9.28	9,406	109	5.40	16,574	1	2.00	104	2	4.50	468	.....	.....	.....	.....	.....	.....	25
2	7.50	780	20	5.00	5,200	5	2.00	520	1	6.00	312	.....	.....	.....	.....	.....	.....	26
15	7.03	5,470	1	9.00	468	8	2.98	1,233	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
55	6.86	19,560	82	3.86	16,450	1	5.00	230	16	5.31	4,209	10	1.92	1,000	.....	.....	.....	28
30	12.02	18,470	51	6.26	16,598	4	5.25	1,092	7	6.30	2,225	.....	.....	.....	.....	.....	.....	29
37	11.19	21,531	39	7.13	14,460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
52	9.08	24,544	45	5.94	13,910	3	2.50	390	11	8.00	4,576	.....	.....	.....	.....	.....	.....	31
10	11.90	6,188	19	4.79	4,732	5	1.77	461	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
329	.....	156,509	743	.....	177,709	26	.....	3,550	54	.....	19,590	63	.....	13,658	8	.....	930	33

Newton, Mass., 1; Norfolk, Va., 1; Omaha, Neb., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Petersburg, Va., 1; Portland, Me., 1; Portland, Ore., 1; Poughkeepsie, N. Y., 1; Quincy, Ill., 1; Racine, Wis., 1; Richmond, Va., 2; Rockford, Ill., 1; St. Joseph, Mo., 1; St. Paul, Minn., 2; Scranton, Pa., 1; Sioux city, Iowa, 1; Syracuse, N. Y., 2; Terre Haute, Ind., 1; Toledo, Ohio, 1; Trenton, N. J., 1; Utica, N. Y., 1; Washington, D. C., 2; Waterbury, Conn., 2; Wheeling, W. Va., 2; Williamsport, Pa., 1; Woonsocket, R. I., 1; Worcester, Mass., 1; Zanesville, Ohio, 1.

8.—BRASS CASTINGS AND BRASS FINISHING.

6,775	.....	3,962,665	208	.....	61,801	60	.....	11,144	1,467	.....	609,190	74	.....	17,566	26	.....	4,820	1
923	10.18	488,520	50	4.81	12,500	1	2.00	104	159	4.06	33,604	.....	.....	.....	.....	.....	.....	2
492	11.92	304,667	.....	.....	.....	.....	.....	.....	51	8.60	22,579	.....	.....	.....	.....	.....	.....	3
206	11.70	124,409	.....	.....	.....	3	2.77	432	11	2.33	1,330	.....	.....	.....	.....	.....	.....	4
104	11.35	60,663	.....	.....	.....	.....	.....	.....	13	6.29	4,254	.....	.....	.....	.....	.....	.....	5
426	12.12	264,648	19	6.47	6,396	5	4.53	1,001	69	7.46	26,374	.....	.....	.....	2	2.50	65	6
715	10.06	365,453	9	4.93	2,266	6	2.83	884	28	7.56	10,684	4	6.55	1,248	.....	.....	.....	7
164	12.11	101,892	.....	.....	.....	5	3.65	950	29	4.65	6,993	.....	.....	.....	.....	.....	.....	8
2	7.40	770	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
30	12.88	20,040	.....	.....	.....	.....	.....	.....	12	7.50	4,680	.....	.....	.....	5	2.88	750	10
477	10.39	254,684	2	6.00	624	19	3.36	3,320	57	7.25	20,112	.....	.....	.....	.....	.....	.....	11
31	12.99	20,935	.....	.....	.....	.....	.....	.....	3	6.72	1,048	.....	.....	.....	.....	.....	.....	12
19	16.19	16,000	.....	.....	.....	.....	.....	.....	9	4.54	2,125	.....	.....	.....	.....	.....	.....	13
10	11.35	5,900	.....	.....	.....	1	2.54	132	3	4.00	624	.....	.....	.....	.....	.....	.....	14
20	13.26	12,637	.....	.....	.....	.....	.....	.....	5	7.97	1,900	.....	.....	.....	.....	.....	.....	15
139	9.24	65,286	1	7.87	375	.....	.....	.....	12	8.97	5,365	.....	.....	.....	5	4.15	1,079	16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

	CITIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.		AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECE WORK.											
		Pieceworkers.				Males above 16 years.											
		Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
35	Trenton, N. J			10.33	10.33	12							5		4	3	
36	Utica, N. Y	323	$147,283	10.00	10.00	145	32	9	6	6	4	7	9	18	30	3	21
37	Worcester, Mass	735	348,703	10.00	9.83	593	26	25	36	31	34	91	72	94	117	38	29
38	All other cities	1,486	668,643			2,175	332	94	307	102	72	200	195	334	391	90	58

7.—BOXES, FANCY AND PAPER—Continued.

1	Total	7,239	1,828,497			4,559	426	292	343	259	205	353	668	854	675	222	262
2	Albany, N. Y	44	6,577	9.00	8.67	13	3	1			2		3	1	3		
3	Baltimore, Md	212	38,340	9.79	9.79	86	19	2	9	4	12	8	12	10	6	3	1
4	Boston, Mass	383	84,568	9.36	9.31	154	11	14	7	5	3	10	24	19	40	14	7
5	Brockton, Mass	114	42,127	10.00	10.00	65		1	1	5	1	8	11	14	14	5	5
6	Brooklyn, N. Y	256	51,580	9.55	9.65	523	6	13	159	47	20	18	80	44	78	31	27
7	Buffalo, N. Y			9.75	9.75	27	8	2		1	2	4	1	1	4	3	1
8	Chicago, Ill	480	141,040	9.71	9.63	270	38	92	5	9	3	20	14	42	15	22	10
9	Cincinnati, Ohio	26	4,368	9.63	9.63	45	4	4	2	3	3	12	3	5	8		1
10	Cleveland, Ohio	90	13,572	9.29	9.17	35		1		1		6	8	6	6	2	5
11	Cohoes, N. Y	114	32,723	10.00	10.00	37		4	3	5	2	5	6	8	3	1	
12	Detroit, Mich	6	1,092	9.60	9.60	66	39			1		5	2	12	1	3	3
13	Haverhill, Mass	209	37,036	10.00	10.00	55		1			1	15	15	6	15		2
14	Indianapolis, Ind	19	2,764	9.67	9.67	4		1					2	1			
15	Jersey city, N. J	105	41,520	9.75	9.75	96	14	4	5	12	8	20	8	7	7	4	7
16	Lynn, Mass	152	46,049	10.00	10.00	46		1	1	2	2	9	4	20	7		
17	Milwaukee, Wis	52	16,324	10.00	10.00	36	9	1	2			5	1		15		3
18	Newark, N. J	247	54,625	9.89	9.89	102	3	4	11	18		23	2	16	10	6	9
19	New Haven, Conn	103	36,563	9.75	9.75	98	20	8	5	5	3	8	11	11	14	6	7
20	New Orleans, La	18	2,808	10.67	10.67	29	9	2	5	1	3	1	3	2	2	1	
21	New York, N. Y	1,177	360,510	9.83	9.84	1,477	60	31	49	61	50	71	221	405	284	69	116
22	Paterson, N. J	16	4,456	10.00	10.00	21	3	1	2	2			7	2	2	2	
23	Philadelphia, Pa	1,248	278,260	9.74	9.74	436	70	36	22	26	40	38	96	38	36	18	16
24	Pittsburg, Pa	30	5,400	9.67	9.67	18	1		3	1			2	7	3	1	
25	Providence, R. I	48	8,380	9.67	9.67	35	2		4	5	8	5	4	3	2		2
26	Reading, Pa	10	2,455	10.00	10.00	8			1	2			1		4		
27	Rochester, N. Y	170	31,570	10.00	10.00	23	4	5					3	5	1	2	3
28	St. Louis, Mo	210	39,260	9.87	9.37	86	35	10		1	10	3	2	9	7	2	7
29	San Francisco, Cal	39	12,047	9.25	9.25	43	6		1		2	6	10	7	6	2	3
30	Springfield, Mass	72	18,152	9.06	9.56	48	2	1				3	9	22	3	3	5
31	Troy, N. Y	99	49,271	10.00	10.00	66	12	4	5	8	7	3	3	14	6	2	2
32	Yonkers, N. Y	18	8,958	9.67	9.67	12			1	1			4	1	4	1	
33	All other cities	1,437	305,202			499	48	48	40	33	23	47	96	56	69	19	20

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

1	Total	937	471,580			9,125	676	337	447	589	595	1,146	1,351	1,667	1,614	367	336
2	Baltimore, Md			10.00	10.00	1,136	159	50	100	152	201	154	106	108	55	20	31
3	Boston, Mass	3	2,659	9.70	9.70	505	15	5	26	14	14	84	131	107	152	28	19
4	Brooklyn, N. Y			9.75	9.64	255	27	17	1	16	6	13	40	63	50	10	12
5	Buffalo, N. Y			10.00	9.70	149	14	2	17	6	9	7	20	32	26	9	7
6	Chicago, Ill	10	8,572	9.88	9.80	555	6	20	32	23	31	39	117	114	135	14	24
7	Cincinnati, Ohio			9.84	9.84	793	102	49	22	40	54	99	137	169	84	20	17
8	Cleveland, Ohio	3	1,600	10.15	9.67	218	19	3	11	9	3	36	15	73	33	11	5
9	Columbus, Ohio			9.67	9.00	5	1						1	1	2		
10	Dayton, Ohio	103	47,040	10.00	10.00	50	2		1	12	3		1	28			3
11	Detroit, Mich	1	1,040	10.00	10.00	581	66	19	25	56	15	42	82	125	117	17	17
12	Jersey city, N. J	5	3,081	10.00	10.00	40	1			1	3	9	4	2	18	1	1
13	Kansas city, Mo			10.00	10.00	31	6	2				1		2	17	1	2
14	Louisville, Ky			10.00	10.00	17	8	1		1				7	3	2	
15	Lynn, Mass			9.00	9.00	30	1			5			2	21	1		
16	Milwaukee, Wis	24	10,373	9.80	9.60	165	21	13	16	14	9	17	15	28	18	5	9

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

6.—BOOTS AND SHOES, FACTORY PRODUCT—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
5	1		2				2										35
39	24	6	3	4	1			1									36
224	64	47	31	24	14	18	14	8	4			19	19				37
857	268	156	168	77	59	39	39	33	2	16		12	12				38

7.—BOXES, FANCY AND PAPER—Continued.

4,946	2,128	877	1,242	374	137	134	34	8	11	1		318	308	9	1		1
2		2										1	1				2
122	113	5			3			1				30	30				3
153	31	59	40	11	3	5	2	1	1								4
16	10		2	2		2						16	15	1			5
454	167	65	198	16	3	2	1	1	1			5	5				6
163	163																7
267	190	34	3	28	7	2	1		2			31	29	2			8
177	105	72										17	17				9
60	42	16	2									5	5				10
7	6			1								3	3				11
93	93																12
6					1		3		2								13
12	7	4						1				1	1				14
22	4	9	7		2							27	27				15
32	9	4	5	10	3		1										16
50	49		1														17
29	1	5	17	2	1	1	1	1									18
32	20	1	5	3	1	1			1								19
32	31									1		6	6				20
1,550	158	304	688	203	81	101	11	2	2			16	13	3			21
19		12	7									23	23				22
413	285	51	46	18	6	1	6					57	56	1			23
37	19	14	4									10	10				24
109	52	32	13	6	5		1					1	1				25
20		20										5	5				26
1						1						8	8				27
94	67	16	7	2			1		1			1		1			28
51	4	6	25	7	6	3						4	2	1	1		29
40	3	1	7	22	1	5	1										30
45	7	5	25	4	2	1	1					3	3				31
19	16	3										5	5				32
819	476	137	140	39	12	9	4	1	1			34	34				33

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

301	84	95	81	17	10	4	3	5	2			86	77	5	2	2	1
50	50											1	1				2
5				2	1			1	1								3
1		1										3	3				4
																	5
23		5	8	4	3		1	2				7	6	1			6
15	5	1	4	5								6	6				7
2			1				1					5	5				8
																	9
												5	5				10
2			2									19	19				11
																	12
																	13
												1	1				14
																	15
1				1								5	5				16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
17	Newark, N. J	16	193	$113,288	20	$23.79	$23,918				4	$14.11	$2,934			
18	New Haven, Conn	4	387	224,999	7	58.93	21,450				1	11.54	600	1	$13.46	$700
19	New Orleans, La	3	19	9,466	1	23.08	1,200				1	12.46	648			
20	New York, N. Y	46	698	473,310	64	26.55	87,080				26	18.58	25,039			
21	Paterson, N. J	4	11	6,860	5	14.73	2,680									
22	Philadelphia, Pa	40	685	443,616	53	27.32	74,003				40	16.71	34,730	1	9.00	468
23	Pittsburg, Pa	8	273	194,790	16	47.23	37,143				16	19.48	15,657	1	5.77	300
24	Providence, R. I	6	31	21,741	7	20.47	7,450									
25	Rochester, N. Y	5	142	73,466	8	24.04	10,000									
26	St. Louis, Mo	11	274	181,762	17	26.02	23,000				9	20.13	9,420			
27	St. Paul, Minn	3	47	32,330	6	20.19	6,300				2	12.50	1,300			
28	Salem, Mass	3	24	17,020	4	20.02	4,120									
29	San Francisco, Cal	9	114	89,732	9	21.03	9,020				3	18.59	2,900			
30	Springfield, Mass	3	140	85,340	8	33.75	14,040				2	14.42	1,500			
31	Syracuse, N. Y	4	21	12,592	6	16.33	5,006							1	9.62	500
32	Waterbury, Conn	5	1,704	1,015,470	13	54.42	36,200				39	20.72	41,480	1	10.44	520
33	Worcester, Mass	3	16	10,040	3	15.00	2,340									
34	All other cities (a)	70	690	365,969	73		71,030				19		12,926			

a Embraces Albany, N. Y., 2; Allegheny, Pa., 1; Allentown, Pa., 1; Birmingham, Ala., 2; Bridgeport, Conn., 1; Camden, N. J., 2; Canton, Ohio, 1; Chattanooga, Tenn., 1; Chelsea, Mass., 1; Chester, Pa., 1; Covington, Ky., 1; Denver, Colo., 1; Duluth, Minn., 1; Erie, Pa., 1; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Hartford, Conn., 2; Holyoke, Mass., 1; Houston, Tex., 1; Indianapolis, Ind., 1; Joliet, Ill., 1; Lancaster, Pa., 1; Lawrence, Mass., 1; Lincoln, R. I., 1; Long Island city, N. Y., 2; Los Angeles, Cal., 1; Lowell, Mass., 1; McKeesport, Pa., 1; Manchester, N. H., 1; Minneapolis, Minn., 2; New Albany, Ind., 1; New Bedford,

9.—BROOMS AND BRUSHES.

1	Total	684	7,707	3,172,142	708		585,928	5		$3,436	197		160,800	21		8,019
2	Albany, N. Y	3	172	29,892	3	44.23	6,900				2	6.00	624	1	7.00	364
3	Allegheny, Pa	6	44	15,688	5	11.00	2,788							1	9.62	500
4	Allentown, Pa	4	26	8,530	4	11.50	2,392									
5	Baltimore, Md	25	363	129,294	19	11.85	11,478				4	13.08	2,550			
6	Boston, Mass	16	612	242,821	23	15.82	18,646				14	11.54	8,400	8	8.46	3,518
7	Brooklyn, N. Y	43	477	217,912	49	17.80	43,697	1	$19.23	1,000	7	17.86	6,500	1	2.88	150
8	Buffalo, N. Y	11	81	33,255	9	16.82	7,200				2	16.78	1,600			
9	Cambridge, Mass	4	51	19,724	6	15.03	4,624				6	11.67	3,640	1	6.00	312
10	Camden, N. J	5	19	7,896	5	13.33	3,350									
11	Chicago, Ill	39	504	244,715	43	16.37	35,444	1	11.54	600	15	20.06	14,430			
12	Cincinnati, Ohio	23	823	179,014	30	18.76	27,964	1	18.06	900	10	16.87	8,700	3	7.69	1,200
13	Cleveland, Ohio	14	92	45,582	16	22.55	16,222				2	3.85	400			
14	Columbus, Ohio	6	89	40,853	12	14.32	8,624									
15	Covington, Ky	4	13	7,600	2	18.06	1,800									
16	Davenport, Iowa	4	59	15,593	3	12.03	1,850				2	12.98	1,350			
17	Dayton, Ohio	3	19	7,570	5	13.19	3,400									
18	Des Moines, Iowa	3	50	18,894	4	16.25	3,380									
19	Detroit, Mich	10	81	31,006	8	13.32	4,849				2	10.00	1,040	1	6.00	312
20	Evansville, Ind	5	76	24,492	2	10.58	1,100				5	6.62	1,720			
21	Fall River, Mass	3	7	3,280	3	13.33	2,080									
22	Fort Wayne, Ind	3	4	1,378	2	10.00	520									
23	Grand Rapids, Mich	8	192	56,870	10	13.96	7,260				2	25.96	2,700			
24	Harrisburg, Pa	5	14	6,260	7	9.85	3,500									
25	Indianapolis, Ind	7	38	12,895	7	11.60	4,246				1	12.00	624			
26	Kansas city, Mo	6	36	18 470	8	13.88	5,742				1	14.42	750			
27	Lancaster, Pa	4	8	2,400	3	7.25	1,100									
28	Lawrence, Mass	3	19	10,053	3	16.41	2,560									
29	Louisville, Ky	8	54	23,547	7	12.55	3,697				2	14.42	1,500			
30	Milwaukee, Wis	20	94	33,460	22	9.41	10,685									
31	Minneapolis, Minn	6	47	24,329	6	21.36	6,605				1	12.04	600			
32	Nashville, Tenn	5	28	8,119	3	9.21	1,436	1	8.00	416	2	5.87	610			
33	Newark, N. J	6	82	37,768	6	21.80	6,830				4	12.00	2,496			
34	New Orleans, La	8	73	36,836	9	18.35	8,586									
35	Newport, Ky	8	31	15,906	8	14.04	5,704									
36	New York, N. Y	54	929	549,822	64	29.69	97,903				46	15.88	37,008	3	8.07	1,259
37	Oshkosh, Wis	3	6	1,639	3	8.02	1,120									
38	Pawtucket, R. I	4	50	21,832	2	14.42	1,500				1	16.50	858			
39	Philadelphia, Pa	94	682	319,865	71	14.58	50,015	1	10.00	520	21	27.65	29,480			
40	Pittsburg, Pa	6	80	49,769	7	19.80	7,240				11	18.60	10,040			
41	Providence, R. I	3	17	5,883	3	11.85	1,848									
42	Reading, Pa	10	68	27,647	14	12.27	8,584				1	12.04	600			
43	Richmond, Va	3	153	33,039	6	27.69	7,200				4	19.23	3,000			
44	Rochester, N. Y	4	15	7,750	4	11.23	2,312									
45	St. Louis, Mo	41	307	121,279	44	15.19	31,290				9	11.67	5,310			

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
149	$10.21	$78,930							4	$9.35	$1,944				12	$4.25	$2,050	17
88	17.06	78,051	25	$6.00	$7,800				85	8.01	35,398							18
17	8.72	7,618																19
511	12.24	324,457	23	5.02	6,000	3	$3.96	$618	65	7.36	24,316							20
6	13.40	4,180																21
461	11.56	275,650	3	8.18	1,240	12	4.71	2,942	111	9.07	52,335							22
203	12.20	123,942							26	9.30	12,348							23
24	11.45	14,291																24
130	9.11	61,596							4	8.99	1,870							25
207	12.24	131,770							39	8.58	17,406				1	3.00	156	26
26	13.52	18,280							13	9.54	6,450							27
18	12.84	11,875							2	10.28	1,025							28
93	15.39	73,562				2	3.65	380	6	12.54	3,750				1	2.41	120	29
122	10.45	66,300							5	5.77	1,500							30
14	9.61	6,996																31
408	14.80	311,656	67	6.65	22,800				595	9.60	291,996	69	$4.48	$16,068				32
13	11.39	7,700																33
527		259,307	9		1,800	3		381	51		17,180	1		250				34

Mass., 1; Newburg, N. Y., 1; Newport, Ky., 1; Pawtucket, R. I., 1; Peoria, Ill., 1; Portland, Me., 1; Portland, Ore., 1; Pueblo, Colo., 1; Quincy, Ill., 1; Reading, Pa., 2; Richmond, Va., 1; Rockford, Ill., 1; Scranton, Pa., 1; Seattle, Wash., 1; Springfield, Ohio, 2; Taunton, Mass., 1; Terre Haute, Ind., 1; Toledo, Ohio, 2; Topeka, Kan., 1; Trenton, N. J., 1; Washington, D. C., 2; Wheeling, W. Va., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 1; Woonsocket, R. I., 1; Yonkers, N. Y., 1; Youngstown, Ohio, 1; Zanesville, Ohio, 1.

9.—BROOMS AND BRUSHES.

2,086		999,151	655		154,757	183		27,020	273		88,372	85		14,980	52		9,164	1
6	15.51	4,840	1	3.00	156				1	9.00	468							2
8	6.27	2,008	19	4.64	4,584	1	2.00	104	3	7.69	1,200							3
8	6.45	2,684																4
198	7.13	69,394	17	4.72	3,900	12	3.22	1,987	11	4.48	2,532							5
151	9.58	75,193	157	3.95	32,246	1	3.00	156	9	5.60	2,622	7	4.14	1,508				6
91	10.94	51,278	8	4.92	2,016				23	6.77	8,094							7
11	11.27	6,400				1	3.50	182	10	8.83	4,208							8
16	7.22	5,956	15	2.93	2,288	2	1.92	200	1	8.00	416							9
2	7.47	712	1	5.77	250	1	1.92	100										10
105	10.75	55,808	100	5.73	27,507	4	4.55	946	10	8.03	4,000	7	4.40	1,600	4	3.83	764	11
122	10.13	63,446	1	1.92	100	6	2.50	780	7	6.78	2,352							12
23	12.09	12,605	25	3.50	4,550	1	5.77	300	5	6.58	1,055	7	4.12	1,500	1	4.81	250	13
41	11.24	23,485	7	4.40	1,600	18	3.85	3,600	4	7.69	1,600							14
5	12.58	3,025	1	8.03	400													15
1	9.03	450	6	5.20	1,600							11	3.85	2,200	7	3.85	1,400	16
2	6.02	600							2	4.33	450							17
25	8.44	10,968				1	2.77	144	8	6.11	2,540	12	2.98	1,862				18
23	7.03	8,228	9	4.00	1,873	4	2.61	542	2	5.42	564							19
32	9.77	16,240	12	3.33	2,080	25	2.59	3,352										20
2	7.21	750	2	4.33	450													21
2	8.25	858																22
41	8.81	18,780				1	3.85	200	3	5.50	858							23
7	7.96	2,760																24
8	7.80	2,230	3	3.00	468	4	3.13	650	2	3.77	392							25
7	11.56	4,182				2	2.77	288	4	4.46	919				2	4.01	400	26
5	6.25	1,300																27
9	8.46	3,957																28
13	10.29	6,156	6	5.00	1,560	2	2.25	234	5	4.60	1,196				2	3.44	268	29
16	8.53	7,027							11	3.56	2,012	1	5.02	250	1	2.40	125	30
11	12.48	7,140							4	13.95	2,872				2	3.00	312	31
15	4.45	3,472																32
29	10.85	16,360	19	4.49	4,434	1	3.00	156										33
18	10.35	9,686							14	5.93	4,316				3	3.00	468	34
4	9.45	1,782	1	6.15	260													35
358	10.22	189,127	138	5.63	40,103	2	2.62	250	6	9.39	2,930	10	3.00	1,560				36
1	5.50	286	1	4.00	208										1	0.48	25	37
18	11.04	10,334																38
182	8.79	79,919	48	4.06	10,120	20	2.67	2,604	18	5.17	4,836				1	3.37	175	39
4	14.00	2,912	1	6.00	312				9	7.21	3,376				12	3.70	2,311	40
2	12.50	1,300	10	5.14	2,675													41
30	8.42	12,840	3	3.85	600	4	3.46	659	2	2.25	234				3	4.82	720	42
26	7.28	6,936							20	1.85	1,318							43
8	8.79	3,638																44
118	9.67	53,813	24	5.00	3,165	39	2.82	4,920	2	9.11	868							45

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
17	Newark, N. J	4	$2,012	9.63	9.56	177	9	12	5	12	21	18	24	30	30	5	11
18	New Haven, Conn	180	81,000	9.75	9.75	181	8	6	17	20	12	10	29	25	37	11	6
19	New Orleans, La			10.00	9.33	19	4	1			4	1	2	3	3	1	
20	New York, N. Y	6	5,800	9.64	9.63	666	25	51	22	21	15	67	72	116	208	26	43
21	Paterson, N. J			9.50	9.50	11				3			2	2	1	3	
22	Philadelphia, Pa	4	2,248	9.70	9.68	665	39	22	22	26	59	58	127	115	144	24	20
23	Pittsburg, Pa	11	5,400	9.88	9.86	261	12	4	5	10	11	21	17	194	49	15	13
24	Providence, R. I			9.67	9.67	31	2		3	1	1	1	6	5	9	2	1
25	Rochester, N. Y			9.80	9.80	142	14	4	13	20	15	17	21	12	17	4	5
26	St. Louis, Mo	1	10	9.73	9.73	272	8	11	9	15	6	59	31	32	69	23	9
27	St. Paul, Minn			10.00	10.00	47	1	1	1	1		3	13	3	20	3	1
28	Salem, Mass			10.00	10.00	24			1		1	2	2	5	10	3	
29	San Francisco, Cal			9.78	9.72	111	1	2	5	4	6	3	10	20	38	11	11
30	Springfield, Mass	3	2,000	10.00	10.00	137	5	11	3	16	11	17	13	28	23	3	7
31	Syracuse, N. Y			10.00	10.00	20	4			1			6	4	3	1	1
32	Waterbury, Conn	572	294,750	10.00	10.00	1,055	2	1	41	44	55	321	224	168	111	55	33
33	Worcester, Mass			10.00	10.00	16				1		1	2	10	2		
34	All other cities	7	3,095			670	99	30	49	45	30	46	79	105	129	39	19

9.—BROOMS AND BRUSHES—Continued.

1	Total	3,442	1,120,515			3,264	358	203	228	222	170	368	583	493	367	135	128
2	Albany, N. Y	158	16,540	9.33	9.33	12		1	2			1	1		3	3	1
3	Allegheny, Pa	7	3,904	10.17	10.17	16	5	1		1	1	2	5		1		
4	Allentown, Pa	14	3,454	9.75	10.00	12	4					4	1	3			
5	Baltimore, Md	102	37,453	9.48	9.64	232	69	29	12	29	20	44	16	6	6	1	
6	Boston, Mass	242	100,532	9.22	9.31	197	28	7	30	14	8	18	22	25	20	14	2
7	Brooklyn, N. Y	297	105,177	9.50	9.55	170	17	8	14	18	5	10	25	17	34	13	9
8	Buffalo, N. Y	48	13,575	9.55	9.45	32		1		1	4	5	12	2	4	2	1
9	Cambridge, Mass	4	2,288	8.50	8.50	29	4	1		2	3	2	7	7	2		1
10	Camden, N. J	10	3,484	9.40	9.40	7			1			1	3	1	1		
11	Chicago, Ill	215	103,616	9.39	9.32	173	3	6	9	13	7	22	23	38	29	15	8
12	Cincinnati, Ohio	643	73,572	9.70	9.57	169	10	2	2	8		48	28	40	11	7	4
13	Cleveland, Ohio	12	8,700	9.68	9.68	46	5	1		1	5	6	2	5	15	1	5
14	Columbus, Ohio	7	1,944	10.25	9.75	57			1	3	2	13	22	11	2	3	
15	Covington, Ky	5	1,775	10.00	10.00	7							2	2	3		
16	Davenport, Iowa	29	6,743	9.75	9.50	6						2	1	2	1		
17	Dayton, Ohio	10	3,120	10.00	10.00	9	2		2	1				1	3		
18	Des Moines, Iowa			10.00	10.00	37	4	1	7	15		1	3		4	2	
19	Detroit, Mich	32	13,598	9.80	9.80	35	6	9			4	5	2	6	3		
20	Evansville, Ind			9.70	9.50	39	3		6	4	3	1	11	11			
21	Fall River, Mass			10.00	10.00	5	1					1	1		2		
22	Fort Wayne, Ind			10.00	9.67	4				1		1	2				
23	Grand Rapids, Mich	135	27,072	9.88	9.88	56	6	1	2	7	2	7	18	4	6		3
24	Harrisburg, Pa			10.00	9.60	14	1		4	3		3	1		2		
25	Indianapolis, Ind	13	4,285	9.71	9.14	18	2	2	2	5		1	1	2	3		
26	Kansas city, Mo	12	6,189	10.00	10.00	20	3			1	1		8	3	3	1	
27	Lancaster, Pa			10.00	10.00	8		2	4	1	1						
28	Lawrence, Mass	7	3,536	10.00	10.00	12		2		3	1		1	2	2	1	
29	Louisville, Ky	17	8,936	9.86	9.75	27	2		4	1	1	5	6	5	2	1	
30	Milwaukee, Wis	43	13,361	9.70	9.60	49	9	5	4	3	7	9	7	3	2		
31	Minneapolis, Minn	23	6,740	9.67	9.50	22					1		2	11	6		2
32	Nashville, Tenn	7	2,185	9.40	9.60	20	12	2	1	2		3					
33	Newark, N. J	23	7,492	9.50	9.17	39		3			2	5	7	10	8	1	3
34	New Orleans, La	29	13,780	9.13	9.00	41	2	1	12	1	2		4	12	4	1	2
35	Newport, Ky	18	8,160	9.69	9.60	12			1				3	5	3		
36	New York, N. Y	302	178,782	9.69	9.69	474	18	66	33	14	40	35	68	72	65	16	47
37	Oshkosh, Wis			11.33	11.33	4		1	1	1			1				
38	Pawtucket, R. I	29	9,140	10.00	10.00	21						4	9	4	4		
39	Philadelphia, Pa	320	142,196	9.70	9.62	292	45	10	20	15	19	29	62	33	38	6	15
40	Pittsburg, Pa	36	22,978	9.67	9.67	31	2	3	3			2	3	6		6	6
41	Providence, R. I	2	60	9.33	9.33	5						1	1	2	1		
42	Reading, Pa	11	3,410	10.00	9.90	47	2	7	3	3	1	12	6	9	3	1	
43	Richmond, Va	97	14,585	10.00	10.00	56	22		15				7	3		6	3
44	Rochester, N. Y	3	1,800	10.13	10.13	12		2			2	2	3	3			
45	St. Louis, Mo	71	21,913	9.46	9.44	173	14	3	5	9	9	13	70	16	20	5	3

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

8.—BRASS CASTINGS AND BRASS FINISHING—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
												12	12				17
26			25					1									18
																	19
23	3	18	1			1						3	3				20
																	21
4	1		1			1			1			12	4	4	2	2	22
1		1															23
																	24
																	25
												1	1				26
																	27
																	28
												3	3				29
																	30
1						1											31
137	16	69	38	5	6	1	1	1									32
																	33
10	9		1									3	3				34

9.—BROOMS AND BRUSHES—Continued.

766	437	169	75	54	16	5	5	2	2	1		235	223	12			1
2	1			1													2
20	12		7			1						1	1				3
																	4
17	7	10										12	11	1			5
172	121	28	5	13	1	2	2					1	1				6
10	4	4	1						1								7
												1	1				8
16	11	2	3									2	2				9
1		1										1	1				10
108	14	64	11	11	7		1					8	5	3			11
5	1			3					1			6	6				12
32	28	4										2	1	1			13
7	3	4										18	18				14
1					1												15
17	13	1	3									7	7				16
																	17
12	11		1									1	1				18
10	9		1									4	4				19
12	12											25	23	2			20
2	2																21
																	22
												1	1				23
																	24
3	3											4	4				25
												4	4				26
																	27
																	28
6		6										4	4				29
1		1										1	1				30
												2	2				31
1					1												32
19	10	6	3									1	1				33
												3	3				34
1			1														35
151	68	22	28	24	5	2	1			1		2	2				36
1	1											1	1				37
																	38
49	45	3					1					21	21				39
1			1									12	8	4			40
10	1	6	2	1													41
3	3											7	7				42
																	43
																	44
24	21	1						2				39	39				45

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

9.—BROOMS AND BRUSHES—Continued.

	Cities.	Number of establishments reporting.	Aggregates.		Officers or firm members actively engaged in the industry or in supervision.						Clerks.					
					Males above 16 years.			Females above 15 years.			Males above 16 years.			Females above 15 years.		
			Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
46	St. Paul, Minn	7	39	$19,494	7	$11.13	$4,052									
47	San Francisco, Cal	11	123	49,317	16	17.04	13,180				5	$5.21	$1,050			
48	Terre Haute, Ind	3	17	5,168	1	15.38	800									
49	Topeka, Kan	3	8	3,616	5	11.38	2,860									
50	Washington, D. C	3	11	5,032	4	12.96	2,040									
51	Wilmington, Del	3	7	2,650	1	8.65	300									
52	York, Pa	7	19	5,133	7	7.54	2,223									
53	All other cities (a)	97	798	331,905	97		74,452				15		11,720	2		$404

a Embraces Akron, Ohio, 1; Altoona, Pa., 2; Atlanta, Ga., 2; Bay city, Mich., 1; Bridgeport, Conn., 2; Brockton, Mass., 1; Burlington, Iowa, 1; Canton, Ohio, 2; Chelsea, Mass., 1; Denver, Colo., 2; Dubuque, Iowa, 1; Elmira, N. Y., 2; Fort Worth, Tex., 2; Hartford, Conn., 1; Holyoke, Mass., 1; Houston, Tex., 1; Jackson, Mich., 2; Johnstown, Pa., 1; Kansas city, Kan., 1; Knoxville, Tenn., 2; Lacrosse, Wis., 1; Lewiston, Me., 1; Lincoln, R. I., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 2; Lowell, Mass., 2; Macon, Ga., 2; Manchester, N. H., 1; Memphis, Tenn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; New Albany, Ind., 2; New Bedford, Mass., 1; Newburg, N. Y., 2; New Haven, Conn., 2; Oakland, Cal., 1; Omaha, Neb., 1; Paterson, N. J., 1; Peoria, Ill., 2; Petersburg, Va., 2;

10.—CHEMICALS.

1	Total	356	12,059	6,971,761	463		828,300	2		$3,000	850		936,302	104		57,496
2	Albany, N. Y	3	60	30,780	4	38.46	8,000				3	22.44	3,500	1	$10.38	540
3	Baltimore, Md	19	515	223,037	22	26.03	29,780				47	17.35	42,302	10	5.58	2,900
4	Bay city, Mich	3	10	3,160	3	9.17	1,073									
5	Brooklyn, N. Y	30	1,609	972,173	48	43.19	105,841	1	$19.23	1,000	106	24.40	133,916	8	11.03	4,588
6	Boston, Mass	17	185	122,146	27	22.88	30,340				14	26.74	19,464	5	6.00	1,560
7	Buffalo, N. Y	4	136	103,478	6	63.78	19,900				8	24.97	10,389			
8	Chicago, Ill	29	379	254,660	38	29.12	56,916				60	13.16	46,929	2	15.95	1,024
9	Cincinnati, Ohio	8	167	116,052	20	26.06	27,100				24	24.71	30,840			
10	Cleveland, Ohio	6	303	201,695	15	47.10	36,740				17	14.71	13,000	2	12.50	1,300
11	Columbus, Ohio	3	20	12,596	3	20.51	3,200									
12	Detroit, Mich	13	1,281	615,340	21	38.13	40,648				116	19.08	115,068	28	11.78	17,152
13	Grand Rapids, Mich	3	12	7,454	1	46.15	2,400				2	21.15	2,200			
14	Hoboken, N. J	3	15	11,800	4	25.48	5,300									
15	Jersey city, N. J	11	169	142,102	15	35.69	27,220				17	25.43	22,480	3	16.85	2,628
16	Long Island city, N. Y	3	66	54,632	5	40.77	10,600				4	29.33	6,100			
17	Louisville, Ky	6	33	16,249	8	19.90	8,280				2	10.34	1,075			
18	Milwaukee, Wis	4	37	17,123	2	26.22	2,500				4	18.46	3,600			
19	Newark, N. J	10	411	271,741	20	43.83	44,444				5	24.38	6,128	1	9.62	500
20	New York, N. Y	42	961	650,846	52	39.45	104,360	1	46.16	2,000	99	23.42	119,349	9	14.25	6,576
21	Philadelphia, Pa	36	2,078	1,206,695	38	25.72	49,871				138	22.28	158,049	13	9.22	6,236
22	Pittsburg, Pa	3	62	43,972	5	45.38	11,800				6	16.11	4,990	1	9.23	480
23	Portland, Me	3	18	11,820	6	19.62	6,120				1	15.00	780			
24	Portland, Ore	3	24	26,220	6	48.08	15,000									
25	San Francisco, Cal	13	148	98,990	7	43.13	15,700				4	17.31	3,600	2	6.00	624
26	St. Louis, Mo	17	565	350,356	25	47.66	60,720				39	21.06	42,256	4	17.02	3,540
27	Syracuse, N. Y	3	1,649	736,463	7	41.48	13,885				28	23.08	33,600	3	9.62	1,500
28	Wilmington, Del	3	14	7,000							1	5.77	300			
29	Yonkers, N. Y	3	120	98,317							21	43.96	48,000	4	11.06	2,300
30	All other cities (a)	55	1,008	564,864	55		90,562				84		74,297	8		3,448

a Embraces Allegheny, Pa., 1; Atlanta, Ga., 1; Auburn, N. Y., 1; Binghamton, N. Y., 2; Cambridge, Mass., 1; Camden, N. J., 1; Canton, Ohio, 1; Charleston, S. C., 1; Chester, Pa., 1; Covington, Ky., 1; Dallas, Tex., 1; Denver, Colo., 1; Elizabeth, N. J., 1; Elmira, N. Y., 1; Houston, Tex., 1; Indianapolis, Ind., 2; Kansas city, Mo., 2; Los Angeles, Cal., 1; Malden, Mass., 2; Memphis, Tenn., 1; Minneapolis, Minn., 1; Nashville, Tenn., 1; New Bedford, Mass., 1; New Haven, Conn., 2;

11.—CLOTHING, MEN'S, FACTORY PRODUCT.

1	Total	4,629	144,976	60,072,518	5,307		5,949,680	576		260,077	4,889		4,591,652	247		109,119
2	Albany, N. Y	5	257	133,935	9	37.03	17,250				25	18.43	23,921			
3	Augusta, Ga	3	25	9,162	3	11.67	1,820	1	5.77	300	1	5.77	300			
4	Baltimore, Md	125	13,094	4,178,971	104	27.15	145,350	12	7.26	3,621	273	18.40	261,066	5	8.71	2,264
5	Binghamton, N. Y	10	717	213,004	15	37.29	28,600	1	7.69	400	44	14.09	31,938			
6	Boston, Mass	180	6,478	3,290,533	193	23.30	230,808	9	11.65	4,946	625	17.36	562,041	29	9.29	13,027
7	Brooklyn, N. Y	809	7,346	2,681,282	723	13.35	469,176	108	8.11	42,142	158	13.41	109,871	7	3.96	1,287
8	Buffalo, N. Y	34	2,037	686,378	53	32.36	88,980				49	20.99	53,480	3	11.54	1,800
9	Cambridge, Mass	3	178	65,320				1	10.03	500				1	15.05	750
10	Charleston, S. C	5	90	38,044	6	25.96	7,200	1	9.12	474	8	18.46	7,000			
11	Chelsea, Mass	8	147	43,480	5	25.08	6,250	4	18.77	3,700						
12	Chicago, Ill	186	15,616	6,274,482	249	24.39	308,612	11	8.48	4,778	294	18.87	286,570	13	9.81	6,336
13	Cincinnati, Ohio	443	14,532	3,948,630	316	33.30	531,986	215	8.55	94,053	427	16.08	355,111	31	9.93	15,681
14	Cleveland, Ohio	18	993	537,319	34	34.57	58,380				59	19.80	60,455	2	7.69	800
15	Covington, Ky	22	353	95,180	19	16.30	15,896	5	9.50	2,450						
16	Detroit, Mich	9	221	85,021	7	40.17	14,100	1	13.46	700	2	29.90	3,110			

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

9.—BROOMS AND BRUSHES—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
10	$8.73	$4,482				1	$1.92	$100										46
22	5.30	6,028	1	$6.59	$300	6	1.21	378	2	$7.50	$780				5	$3.49	$908	47
4	10.10	2,100				3	4.62	600							1	4.33	225	48
1	2.88	100																49
1	4.36	208							3	4.00	624							50
5	8.60	2,200				1	2.88	150										51
5	5.48	1,210																52
234		121,358	19		4,952	20		3,438	72		28,740	30		$4,500	7		813	53

Portland, Me., 1; Portland, Ore., 2; Pueblo, Colo., 1; Quincy, Ill., 2; Sacramento, Cal., 2; St. Joseph, Mo., 1; Salt Lake, Utah, 1; San Antonio, Tex., 1; Scranton, Pa., 1; South Bend, Ind., 1; Springfield, Ill., 2; Springfield, Mo., 1; Syracuse, N. Y., 2; Tacoma, Wash., 1; Toledo, Ohio, 2; Trenton, N. J., 2; Troy, N. Y., 1; Waterbury, Conn., 1; Wheeling, W. Va., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 2; Williamsport, Pa., 2; Woonsocket, R. I., 1; Worcester, Mass., 2; Yonkers, N. Y., 2; Youngstown, Ohio, 2; Zanesville, Ohio, 1.

10.—CHEMICALS.

5,540		3,151,393	1,382		400,595	35		6,854	2,291		1,156,202	537		124,310	58		9,187	1
17	10.93	9,664	5	4.81	1,250	15	3.85	3,000	9	7.55	3,534	5	$4.20	1,092				2
149	10.47	81,010	176	4.14	37,849	2	1.50	150	41	7.44	15,852	64	3.58	11,898				3
4	8.11	1,405							3	7.49	682							4
154	14.89	341,976	63	7.00	22,944				462	10.34	247,528	203	3.77	39,769	31	2.94	4,736	5
43	13.83	29,850	27	5.73	7,860				39	10.33	20,725	12	7.21	4,500				6
49	13.85	35,297							73	9.98	37,802							7
153	12.64	99,162	40	5.76	11,446	4	4.50	936	80	10.47	43,247	2	3.85	400				8
69	12.18	43,688	36	5.28	9,878	5	3.85	1,000	7	5.74	2,090	4	5.00	1,040	2	4.00	416	9
254	11.06	146,115	12	4.89	3,050				3	9.55	1,490							10
12	12.81	7,996	5	5.38	1,400													11
387	8.24	165,550	228	6.25	72,772				176	7.99	73,150	50	6.15	16,000				12
7	7.92	2,454				1	4.81	250										13
9	12.22	5,720							2	7.50	780							14
90	13.27	61,648							44	12.29	28,126							15
29	14.50	21,872							28	11.03	16,060							16
11	8.03	4,594	6	3.37	1,050				4	4.57	950	2	2.88	300				17
13	11.58	7,428	15	3.50	2,500				2	10.23	1,020							18
162	13.85	112,459	4	6.33	1,316	2	4.42	460	217	9.47	106,434							19
333	13.75	230,929	186	6.91	65,838	2	2.42	220	84	9.93	42,333	34	6.79	11,702				20
1,158	12.11	720,563	391	5.05	102,484	2	3.00	312	297	9.92	149,893	5	4.08	1,062	1	2.40	125	21
6	15.57	4,790							41	9.87	21,052	2	6.02	600	1	5.00	260	22
10	9.04	4,660	1	5.00	260													23
12	13.94	8,700	5	8.08	2,100				1	8.08	420							24
73	13.90	52,391	7	6.99	2,363				38	10.80	21,340	8	5.63	2,344	4	3.02	628	25
91	14.30	65,321	35	6.48	11,680	2	5.00	520	272	10.57	145,730	83	4.50	19,339	4	4.09	850	26
1,603	8.23	685,675	6	4.87	1,425				1	3.00	78							27
10	11.96	5,700							3	7.69	1,000							28
24	14.53	18,137	34	6.85	12,110				15	9.45	7,370	18	6.49	6,070				29
308		176,639	100		29,020				349		167,426	45		8,194	15		2,172	30

New Orleans, La., 2; Newton, Mass., 1; Paterson, N. J., 1; Pawtucket, R. I., 2; Peoria, Ill., 2; Providence, R. I., 2; Quincy, Ill., 1; Richmond, Va., 2; Rochester, N. Y., 1; Saginaw, Mich., 1; St. Paul, Minn., 2; Somerville, Mass., 1; Springfield, Mass., 1; Springfield, Ohio, 2; Terre Haute, Ind., 1; Washington, D. C., 2; Wilkesbarre, Pa., 1; Wilmington, N. C., 1.

11.—CLOTHING, MEN'S, FACTORY PRODUCT.

32,236		18,029,512	19,766		5,749,343	323		41,864	1,087		512,480	2,337		482,936	138		23,150	1
23	13.53	16,118	15	4.27	3,312				5	7.49	1,948							2
1	12.00	624																3
2,040	11.28	1,196,439	752	6.58	257,232	32	1.95	3,238	57	7.54	22,359	1,428	4.43	329,030	2	2.50	260	4
48	13.68	33,324	126	6.04	39,320							1	7.21	375				5
1,360	13.67	948,338	1,414	6.94	491,471	1	6.00	312	28	9.72	14,048	7	8.80	3,020				6
1,255	10.01	620,631	2,056	6.34	647,072	4	2.76	547	73	4.49	15,755	477	3.22	73,482	14	2.67	1,924	7
127	12.64	83,093	108	4.30	23,881				12	7.53	4,700							8
24	10.87	13,000	1	5.02	250				1	10.03	500							9
3	18.02	2,400							1	5.00	260							10
7	6.71	2,400	30	5.71	8,580													11
10,841	7.60	4,183,303	1,848	5.38	503,053	20	3.09	3,116	13	10.54	7,128	13	4.01	2,710				12
1,009	13.95	715,015	1,994	4.69	469,120	24	2.67	3,262	49	10.13	25,812	13	3.07	1,990	3	3.83	598	13
126	14.08	91,438	23	5.16	5,960				10	6.09	3,040	3	2.47	326				14
37	9.22	17,178	226	4.32	49,808				2	3.85	400	58	2.79	8,200				15
42	15.32	32,201	126	3.90	24,761													16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

9.—BROOMS AND BRUSHES—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
46	St. Paul, Minn	21	$10,860	9.57	9.57	17	1	1			2	2	8	3			
47	San Francisco, Cal	66	26,693	9.41	9.36	45	14	6	6	2		1	4	2	3	3	4
48	Terre Haute, Ind	8	1,443	10.00	10.00	5							4		1		
49	Topeka, Kan	2	656	10.00	10.00	6	1				1			4			
50	Washington, D. C	3	1,560	9.00	8.67	8	3		1				2	1	1		
51	Wilmington, Del			9.00	9.00	6		1	1			4					
53	York, Pa	7	1,700	9.57	9.86	12	2	1	3	3	1	1	1				
53	All other cities	302	81,528			418	36	17	17	37	24	42	87	92	31	26	9

10.—CHEMICALS—Continued.

1	Total	797	298,122			9,144	186	150	157	304	2,068	1,260	1,856	1,006	1,055	431	662
2	Albany, N. Y	1	200	10.00	10.00	33	2	1		1	7	5	6		6	2	3
3	Baltimore, Md	4	1,200	9.29	9.39	259	24	8	17	18	14	53	30	17	33	17	28
4	Bay city, Mich			11.33	11.33	10		1	2	3		2	2				
5	Brooklyn, N. Y	233	69,875	9.79	10.01	1,070	11	28	7	20	14	179	174	168	333	37	99
6	Boston, Mass	18	7,847	9.50	9.32	123	5	4	3	2	4	3	34	13	13	16	26
7	Buffalo, N. Y			10.00	10.00	136					10	46	18	41	8	2	11
8	Chicago, Ill			9.66	9.52	331	3	2	5	7	24	63	61	63	48	29	26
9	Cincinnati, Ohio			10.13	10.00	120	3	2	3	3	4	7	8	37	17	15	21
10	Cleveland, Ohio			10.67	10.67	289					1		181	89	3	5	10
11	Columbus, Ohio			10.00	10.00	15					1		5	5	1	3	
12	Detroit, Mich	275	115,000	9.58	9.65	700	25	21	52	133	127	149	46	36	35	36	40
13	Grand Rapids, Mich	1	150	10.67	10.67	10	3				2			1	1	2	1
14	Hoboken, N. J			9.33	9.33	15	2			1				7	1	2	2
15	Jersey city, N. J			9.73	9.64	166			3	1		6	63	43	19	6	25
16	Long Island city, N. Y			9.67	9.50	66	1	1				6	32	6	10	2	8
17	Louisville, Ky			10.25	9.92	25	6	1	1	2	3			2	5	5	
18	Milwaukee, Wis	1	75	9.75	9.75	21			1		7		3	4		4	2
19	Newark, N. J			9.70	9.50	404	2	4	1	5	2	136	125	45	60	4	20
20	New York, N. Y	161	67,539	9.27	9.28	568	7	12	12	10	49	22	110	86	107	62	91
21	Philadelphia, Pa	35	18,100	9.65	9.60	1,631	19	12	27	35	67	342	614	165	188	66	96
22	Pittsburg, Pa			9.25	9.25	58		2			2	16	11	15	6	3	3
23	Portland, Me			9.67	9.67	17	2	2	1			1	1	2	5	3	
24	Portland, Ore			9.67	10.00	19		1	1		1		1	3	4	3	5
25	San Francisco, Cal			9.77	9.50	122	7	1		3	3	5	32	25	30	5	11
26	St. Louis, Mo	10	400	9.88	9.82	427	14	15	2	2	39	50	118	69	63	17	38
27	Syracuse, N. Y	1	300	10.50	10.50	1,639	3	1			1,600		1			29	5
28	Wilmington, Del			10.33	9.67	14	1	1			3	3		5		1	
29	Yonkers, N. Y	13	4,330	9.33	10.00	60		1		4	8	2	9	3	7		26
30	All other cities	44	13,106			796	46	38	19	54	76	164	171	56	52	55	65

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

1	Total	78,070	24,322,705			43,519	778	1,699	6,640	4,110	2,165	2,432	5,533	6,176	7,509	3,350	3,112
2	Albany, N. Y	180	71,386	9.60	9.60	62	2	2	1	1	2	3	8	10	13	9	11
3	Augusta, Ga	19	6,118	11.67	11.67	5		1					2	1	1		
4	Baltimore, Md	8,389	1,958,112	10.29	10.29	2,474	80	72	124	155	371	249	352	431	359	143	138
5	Binghamton, N. Y	482	79,047	9.30	9.30	107		2	7	1	8	24	6	17	12	5	25
6	Boston, Mass	2,812	1,021,622	9.38	9.30	2,206	70	71	35	45	88	130	225	473	585	246	238
7	Brooklyn, N. Y	2,971	699,395	10.45	10.44	2,209	72	77	94	142	258	218	534	428	247	92	47
8	Buffalo, N. Y	1,685	430,444	9.94	9.79	241	11	3	3	10	16	26	31	21	36	36	48
9	Cambridge, Mass	150	50,320	10.00	10.00	25							21		4		
10	Charleston, S. C	71	20,650	10.00	10.00	18		1						2	5	4	6
11	Chelsea, Mass	101	22,550	9.50	9.50	12	1	4	1						4	1	1
12	Chicago, Ill	2,314	968,876	9.66	9.66	11,397	24	624	5,500	2,871	249	56	335	721	558	309	150
13	Cincinnati, Ohio	10,451	1,736,008	9.65	9.65	1,801	52	35	20	35	141	96	207	268	438	100	229
14	Cleveland, Ohio	736	316,920	9.67	9.64	229	1	3	6	4	7	20	19	33	45	33	58
15	Covington, Ky	6	1,248	10.00	10.00	58	2	2		1	5	24	5	5	9	4	1
16	Detroit, Mich	43	10,149	9.67	9.67	51	1		7	1		2	7	9	7	4	13

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

9.—BROOMS AND BRUSHES—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
												1	1				46
1			1									11	11				47
												4	3	1			48
																	49
																	50
												1	1				51
																	52
51	36	6	7	1	1							27	27				53

10.—CHEMICALS—Continued.

2,025	832	349	419	201	71	51	62	21	9	4	6	93	81	10	2		1
11	4	5	1				1					15	15				2
250	204	33	8	1	3	1						2	2				3
																	4
275	211	6	9	9	4	29	4	2	1			31	31				5
44	9	7	8	16	3		1										6
																	7
44	12	11	16				3	1		1		4	1	3			8
40	21	6	7	1	1		2	1			1	7	7				9
14	11	1					1		1								10
5	2	3															11
306	66	44	139	18	7	2	17	10	2	1							12
												1	1				13
																	14
3				1				1			1						15
																	16
8	8																17
15	14	1															18
5		3			1	1						2	1	1			19
230	15	37	67	61	20	4	17	3	2		4	2	2				20
409	145	91	78	66	17	3	7	1	1			3	3				21
3			2			1						1		1			22
1		1															23
5		2			1		2										24
17	6	2	3	4		1		1				4	4				25
122	23	60	30	2		1	3		1	2		6		4	2		26
9	5	1		1		1	1										27
																	28
56		11	31	8	3	1	1	1									29
153	76	24	20	13	11	6	2		1			15	14	1			30

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

22,926	7,502	5,135	4,329	2,441	1,506	1,034	705	192	65	12	5	461	437	12	0	3	1
15	8	4	1	1	1												2
1		1															3
2,197	1,578	157	94	111	104	63	57	33				34	34				4
123	2	4	115	5		2											5
1,459	158	191	345	306	184	140	97	31	7			1			1		6
2,048	763	549	436	307	258	176	138	16	4	1		18	18				7
111	66	28	7	2	5		2		1								8
3		1					1		1								9
1						1											10
34	1	14	11	4					3	1							11
1,885	623	497	533	121	36	27	27	11	7	2	1	20	17	1	2		12
2,253	943	727	290	130	55	33	49	16	8	1	1	27	23		4		13
28	15	2	5	3	1	1	1										14
289	244	34	7	1		1	1	1									15
127	94	12	8	8	4			1									16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
17	Evansville, Ind	3	369	$112,532	7	$21.84	$7,760	.....	.....	.....	10	$12.04	$6,000	3	$10.26	$1,600
18	Galveston, Tex	3	100	42,500	3	38.46	6,000	.....	.....	.....	5	23.08	6,000	.....	.....	.....
19	Gloucester, Mass	9	94	45,260	5	18.13	3,968	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Indianapolis, Ind	5	639	177,550	6	45.00	14,040	.....	.....	.....	14	15.44	11,240	1	14.42	750
21	Jersey city, N. J	3	41	19,980	3	28.72	4,480	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Kansas city, Mo	3	311	68,900	4	30.06	4,950	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Lancaster, Pa	3	107	29,259	8	10.18	4,236	.....	.....	.....	7	7.78	2,832	2	4.17	271
24	Long Island city, N. Y.	5	69	24,684	1	23.08	1,200	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Louisville, Ky	14	1,432	368,323	25	22.66	27,670	.....	.....	.....	39	14.44	28,032	.....	.....	.....
26	Milwaukee, Wis	20	2,488	632,237	32	50.74	79,147	2	$19.23	$2,000	95	12.81	60,905	2	10.08	961
27	Newark, N. J	91	2,241	850,689	81	22.06	84,178	2	8.52	775	22	13.30	15,220	1	6.29	300
28	Newburg, N. Y	3	834	287,483	5	35.20	9,000	.....	.....	.....	40	8.17	16,988	6	7.67	2,302
29	New Orleans, La	26	3,686	612,421	29	36.08	52,538	3	10.13	1,580	61	15.16	47,568	10	6.73	3,500
30	Newport, Ky	207	1,028	324,942	93	11.53	55,678	115	9.54	56,913	.....	.....	.....	1	2.50	130
31	New York, N. Y	1,485	37,438	22,466,053	1,816	26.94	2,273,589	38	10.10	18,448	1,447	20.52	1,536,712	54	9.62	26,934
32	Omaha, Neb	3	231	73,138	5	23.85	6,200	.....	.....	.....	1	15.00	780	2	10.00	1,040
33	Peoria, Ill	3	397	97,740	4	35.84	7,300	.....	.....	.....	13	13.14	8,540	.....	.....	.....
34	Petersburg, Va	6	72	17,380	3	18.74	2,315	4	7.30	1,505	2	8.65	900	.....	.....	.....
35	Philadelphia, Pa	302	6,666	3,596,564	281	19.35	270,811	11	10.98	5,994	520	17.54	470,084	48	7.21	17,984
36	Pittsburg, Pa	7	510	189,834	18	31.61	27,940	.....	.....	.....	7	14.53	4,012	.....	.....	.....
37	Portland, Me	5	74	28,473	4	15.87	3,300	.....	.....	.....	7	11.21	4,080	.....	.....	.....
38	Portland, Ore	5	73	50,060	8	16.88	7,020	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Poughkeepsie, N. Y	3	361	157,740	5	35.01	8,800	.....	.....	.....	21	12.66	13,830	1	11.54	600
40	Providence, R. I	5	388	172,572	14	54.68	38,088	.....	.....	.....	12	15.05	9,000	2	9.03	900
41	Reading, Pa	4	247	70,110	8	22.84	9,500	.....	.....	.....	10	8.90	4,628	.....	.....	.....
42	Rochester, N. Y	192	3,123	1,561,660	207	24.36	252,011	22	9.00	9,886	140	23.56	171,542	3	9.43	1,450
43	Rockford, Ill	3	209	59,172	2	26.37	2,400	.....	.....	.....	3	11.05	1,580	1	11.54	600
44	St. Joseph, Mo	5	1,017	291,050	10	28.29	14,100	.....	.....	.....	13	19.00	12,100	.....	.....	.....
45	St. Louis, Mo	48	5,003	1,734,979	78	41.16	155,800	3	8.72	1,360	155	18.35	144,533	7	8.75	2,806
46	St. Paul, Minn	5	685	260,970	6	25.32	7,900	.....	.....	.....	13	26.89	18,180	.....	.....	.....
47	San Francisco, Cal	119	1,876	784,085	a587	a8.47	258,282	1	15.00	780	17	17.68	15,626	.....	.....	.....
48	Syracuse, N. Y	92	1,404	588,370	95	29.85	144,082	4	9.38	1,952	52	19.54	52,711	2	6.78	676
49	Terre Haute, Ind	6	585	133,965	9	25.14	11,600	.....	.....	.....	5	11.83	3,000	2	4.81	500
50	Utica, N. Y	11	4,566	639,774	25	27.73	33,760	.....	.....	.....	79	20.61	80,114	2	9.72	800
51	Worcester, Mass	3	127	60,708	3	30.29	4,200	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	All other cities (b)	62	3,901	1,151,605	81	.....	131,429	2	.....	820	114	.....	89,152	6	.....	2,080

a Includes a large number of Chinese firm members, and per establishment, at low rates of wages.
b Embraces Allentown, Pa., 2; Atlanta, Ga., 2; Auburn, N. Y., 1; Bay city, Mich., 1; Birmingham, Ala., 1; Brockton, Mass., 2; Burlington, Iowa, 1; Chattanooga, Tenn., 1; Davenport, Iowa, 1; Dayton, Ohio, 2; Denver, Colo., 2; Dubuque, Iowa, 2; Erie, Pa., 2; Elmira, N. Y., 2; Fort Wayne, Ind., 2; Grand Rapids, Mich., 1; Harrisburg, Pa., 1; Houston, Tex., 1; Kansas city, Kan., 2; Lacrosse, Wis., 1; Lawrence, Mass., 1; Lynn, Mass., 2; Memphis, Tenn., 2; Minneapolis, Minn., 2;

12.—CLOTHING, WOMEN'S, FACTORY PRODUCT.

1	Total	1,199	40,948	18,488,811	1,447	.....	2,090,052	141	.....	107,474	995	.....	1,037,033	260	.....	130,580
2	Albany, N. Y	5	256	78,248	5	36.21	7,375	.....	.....	.....	11	14.58	5,371	8	12.00	3,016
3	Baltimore, Md	21	605	205,578	12	25.29	15,450	7	5.86	1,600	10	15.42	8,020	1	5.01	152
4	Boston, Mass	35	1,073	434,793	45	17.49	40,082	4	55.12	10,988	50	14.22	33,770	29	8.64	12,804
5	Brooklyn, N. Y	36	821	289,760	37	22.07	39,214	8	9.25	3,616	11	21.94	12,550	2	8.50	884
6	Buffalo, N. Y	4	148	46,430	5	39.73	10,330	.....	.....	.....	4	14.90	3,100	.....	.....	.....
7	Chicago, Ill	71	2,073	1,181,478	85	27.77	104,907	7	21.30	7,016	39	18.00	34,476	20	14.19	21,406
8	Cincinnati, Ohio	20	1,048	672,677	19	31.29	28,133	11	10.18	5,624	17	26.97	23,259	1	9.62	500
9	Cleveland, Ohio	7	855	333,710	18	62.83	51,800	.....	.....	.....	23	18.67	21,300	.....	.....	.....
10	Denver, Colo	4	350	169,966	1	35.00	1,820	.....	.....	.....	.....	.....	.....	7	17.86	6,500
11	Jersey city, N. J	4	132	40,538	5	19.08	4,960	1	19.23	1,000	2	14.42	1,500	.....	.....	.....
12	Milwaukee, Wis	3	340	45,069	3	33.57	4,800	.....	.....	.....	3	15.38	2,000	.....	.....	.....
13	Newark, N. J	8	294	99,006	10	27.57	13,140	2	10.00	1,040	1	25.17	1,200	.....	.....	.....
14	New Orleans, La	12	336	43,288	3	23.26	3,024	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Newport, Ky	13	28	9,035	.....	.....	.....	13	8.80	5,891	.....	.....	.....	.....	.....	.....
16	New York, N. Y	741	24,791	12,741,030	947	36.04	1,545,202	60	18.07	51,616	711	22.08	778,565	92	10.25	43,641
17	Philadelphia, Pa	74	2,456	785,863	63	17.70	53,894	14	12.43	8,619	41	22.61	43,150	24	8.05	9,421
18	Portland, Ore	3	81	41,960	4	19.71	4,100	1	23.08	1,200	1	23.08	1,200	5	11.54	3,000
19	Providence, R. I	4	17	6,276	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Richmond, Va	3	24	6,788	4	13.27	2,300	.....	.....	.....	.....	.....	.....	4	6.06	840
21	Rochester, N. Y	7	331	82,674	10	22.45	11,380	.....	.....	.....	4	16.23	3,340	5	7.69	1,950
22	St. Louis, Mo	11	499	151,945	13	27.07	18,300	3	17.41	2,716	23	18.54	22,170	5	9.00	2,340
23	San Francisco, Cal	70	1,137	453,793	118	13.80	81,121	3	10.33	1,612	26	17.55	23,422	25	10.40	13,514
24	Trenton, N. J	3	45	10,770	3	16.62	2,340	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Yonkers, N. Y	3	10	3,940	.....	.....	.....	2	10.77	1,120	.....	.....	.....	.....	.....	.....
26	All other cities (a)	37	1,989	554,196	37	.....	46,380	5	.....	3,816	18	.....	18,640	23	.....	10,612

a Embraces Akron, Ohio, 2; Auburn, N. Y., 1; Brockton, Mass., 1; Camden, N. J., 1; Columbus, Ohio, 1; Detroit, Mich., 2; Dubuque, Iowa, 1; Grand Rapids, Mich., 1; Indianapolis, Ind., 1; Jackson, Mich., 1; Lancaster, Pa., 1; Long Island city, N. Y., 1; Los Angeles, Cal., 1; Louisville, Ky., 1; Minneapolis, Minn., 2; New

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
23	$7.92	$9,472							1	$9.06	$475							17
5	13.85	3,600	20	$5.52	$5,740				2	6.35	660							18
15	13.84	10,674	7	4.09	1,816													19
27	12.54	17,610	25	6.49	8,440	3	$2.50	$390	8	8.85	3,680	5	$3.85	$1,000				20
12	10.00	6,240	26	6.85	9,260													21
14	12.30	7,675	8	6.70	1,625				2	8.33	650							22
13	9.94	6,720	27	3.85	2,700													23
																		24
29	12.50	18,742	14	7.60	5,532	33	1.87	3,098	21	5.79	5,918							25
198	13.86	133,500	153	4.09	31,480				15	7.51	5,456							26
543	10.90	289,624	652	5.67	176,741	3	1.83	262	3	8.00	1,248				15	$2.27	$1,770	27
92	7.49	35,095	22	7.73	8,372	3	3.64	520	5	9.00	2,340	6	6.50	2,028				28
88	13.35	59,172	482	5.09	122,931	4	6.50	1,352	13	10.37	6,742							29
97	8.90	44,794	391	4.60	93,541													30
8,932	14.24	6,259,107	3,162	6.59	1,005,801	25	3.49	4,143	303	12.22	191,362	28	6.41	9,274	3	1.25	176	31
19	10.65	10,520	141	5.40	39,620				3	7.51	1,172	2	5.00	520	13	2.35	1,586	32
17	10.31	9,000	14	6.22	4,500				3	8.03	1,200							33
19	14.96	7,485	40	4.06	4,750							4	2.11	425				34
1,652	14.14	1,185,381	1,174	6.29	369,470	43	3.15	6,962	297	9.04	137,858	16	3.29	2,741	71	4.09	14,886	35
76	12.37	43,750	128	5.76	38,320				3	5.48	712							36
7	20.00	7,280	6	8.42	2,627				6	4.83	1,403							37
40	14.92	31,040																38
37	10.51	19,910	13	7.44	4,900	4	1.92	400	7	7.19	2,400				3	2.10	300	39
133	8.37	55,542	216	6.07	65,574							2	4.50	468				40
14	12.46	9,074	3	5.17	806				1	9.00	468							41
898	12.30	563,491	1,440	5.61	408,390	35	3.23	5,676	37	9.68	18,575	6	2.80	875	4	1.44	300	42
30	11.17	17,140	86	5.52	24,634													43
81	10.76	39,712	43	4.71	8,844				1	8.01	382							44
801	10.84	427,890	1,084	5.85	312,661	72	1.80	6,030	24	10.07	11,432				9	2.55	1,104	45
62	13.22	42,635	347	6.57	118,480	7	3.02	1,100										46
224	10.33	119,752	55	7.04	20,124													47
334	10.52	180,154	479	4.93	120,622				46	4.87	11,464	227	3.00	34,592	1	3.00	156	48
23	9.82	11,495	74	6.27	23,260				3	5.35	800							49
163	12.27	97,958	81	5.45	22,632				16	5.53	4,360							50
39	14.81	26,641	85	7.23	29,867													51
536		266,075	549		131,463	10		1,456	16		5,773	41		11,880				52

Mobile, Ala., 1; Nashville, Tenn., 2; New Albany, Ind., 1; New Bedford, Mass., 1; New Haven, Conn., 2; Norfolk, Va., 1; Oakland, Cal., 2; Paterson, N. J., 1; Quincy, Ill., 1; Racine, Wis., 1; Salem, Mass., 2; Springfield, Ill., 1; Toledo, Ohio, 2; Troy, N. Y., 1; Wichita, Kan., 1; Wilkesbarre, Pa., 1; Williamsport, Pa., 2; Wilmington, N. C., 1; Yonkers, N. Y., 1.

12.—CLOTHING, WOMEN'S, FACTORY PRODUCT.

7,094		4,448,370	13,426		4,720,111	127		20,582	173		67,027	72		19,368	86		11,310	1
11	13.17	5,477	31	5.94	7,882				2	6.00	624							2
42	15.19	32,978	139	5.17	35,478	3	3.85	500	3	9.62	1,500							3
68	10.39	34,400	446	7.06	161,311	1	1.92	100							1	3.60	156	4
63	12.82	40,270	324	5.69	93,562				4	5.25	1,092	8	3.44	1,400	4	2.88	600	5
78	4.03	16,350	16	5.59	4,650													6
526	12.73	322,310	1,538	6.68	510,712	2	2.92	304	3	13.00	2,028	1	10.00	520				7
517	10.31	276,575	587	7.11	211,688	10	1.92	1,000	11	8.20	3,446	4	3.01	600				8
67	13.24	41,100	33	7.46	9,600				4	7.42	1,150							9
2	39.23	4,080	330	8.97	153,926							10	7.00	3,640				10
4	15.00	3,120	45	6.39	14,958													11
10	13.15	5,700	13	7.58	4,400													12
27	10.81	14,893	252	5.38	68,527	1	1.44	50	1	3.00	156							13
4	7.21	1,500	12	2.40	1,500													14
			15	4.04	3,144													15
5,146	14.05	3,361,161	8,112	7.49	2,871,332	29	3.30	4,666	88	8.52	37,453	22	5.63	6,214	6	3.02	896	16
188	13.47	119,977	550	6.95	188,435	48	3.28	7,746	34	7.22	11,120				28	3.02	3,918	17
4	16.15	3,360	45	9.62	22,500	10	4.81	2,500	1	11.54	600							18
1	24.00	936	9	7.46	3,040													19
			16	5.59	3,648													20
13	9.48	6,326	23	5.35	6,366	7	2.24	812										21
27	10.26	14,405	128	7.00	47,202										4	2.46	512	22
219	8.96	95,072	368	7.21	132,394	9	4.92	2,176	3	10.26	1,600	22	4.52	5,174				23
2	8.67	770	20	4.49	3,500													24
			8	6.78	2,820													25
75		47,610	366		157,536	7		728	19		6,258	5		1,820	43		5,234	26

Albany, Ind., 1; New Haven, Conn., 2; Oakland, Cal., 1; Pittsburg, Pa., 2; Portland, Me., 2; Racine, Wis., 1; Sacramento, Cal., 1; Springfield, Mass., 2; Troy, N. Y., 2; Utica, N. Y., 1; Wilkesparre, Pa., 1; Worcester, Mass., 2; York, Pa., 1.

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

	CITIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.		AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK.											
		Piecoworkers.				Males above 16 years.											
		Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
17	Evansville, Ind	325	$87,225	10.00	10.00	41	.....	2	8	6	1	5	7	4	3	3	2
18	Galveston, Tex	65	20,500	9.67	9.67	15	1	.....	.....	.....	.....	.....	5	.....	.....	3	6
19	Gloucester, Mass	67	28,802	10.00	9.78	20	1	.....	.....	.....	2	4	2	3	4	.....	4
20	Indianapolis, Ind	550	120,400	9.80	9.40	55	4	.....	.....	3	.....	1	14	17	6	5	5
21	Jersey city, N. J	.....	.....	10.67	10.67	15	.....	.....	.....	.....	.....	.....	12	.....	1	1	1
22	Kansas city, Mo	283	54,000	10.00	9.17	20	1	.....	.....	.....	2	2	1	10	1	.....	3
23	Lancaster, Pa	50	12,500	10.00	10.00	28	.....	.....	.....	4	13	4	4	.....	3	.....	.....
24	Long Island city, N.Y.	68	23,484	9.20	9.40	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
25	Louisville, Ky	1,271	279,331	9.93	9.93	114	6	4	10	6	4	12	6	19	19	16	12
26	Milwaukee, Wis	1,991	318,788	8.40	8.40	340	26	13	6	11	20	18	70	42	72	26	36
27	Newark, N. J	919	280,571	9.98	9.97	649	33	.....	80	59	25	96	145	91	66	33	21
28	Newburg, N. Y	655	210,748	10.00	10.00	142	20	27	25	15	3	16	10	9	7	3	7
29	New Orleans, La	2,996	317,038	10.02	10.02	191	6	6	1	3	15	15	17	23	58	18	29
30	Newport, Ky	331	73,886	10.01	10.00	190	1	5	3	1	13	49	56	58	4	.....	.....
31	New York, N. Y	21,630	11,140,507	10.58	10.53	12,498	74	101	159	234	301	597	2,223	2,318	3,616	1,555	1,230
32	Omaha, Neb	45	11,700	10.00	9.33	28	1	1	2	2	1	.....	13	2	2	.....	4
33	Peoria, Ill	346	67,200	9.67	9.67	37	.....	1	1	5	6	6	.....	10	1	1	6
34	Petersburg, Va	.....	.....	9.83	9.83	21	.....	.....	4	5	2	5	.....	2	.....	6	.....
35	Philadelphia, Pa	2,553	1,114,393	9.93	9.93	2,750	90	74	83	129	148	215	466	512	531	223	279
36	Pittsburg, Pa	278	74,200	9.29	9.14	104	6	3	1	1	9	32	11	10	14	2	15
37	Portland, Me	44	9,783	9.60	9.60	24	5	.....	.....	.....	1	6	5	.....	1	4	2
38	Portland, Ore	25	12,000	10.40	10.20	48	.....	.....	.....	.....	.....	1	3	10	31	3	.....
39	Poughkeepsie, N. Y	270	106,600	10.00	10.00	70	5	3	6	5	3	6	8	19	9	2	4
40	Providence, R. I	9	3,000	9.60	9.60	159	.....	.....	.....	.....	121	1	7	4	15	.....	11
41	Reading, Pa	211	54,634	10.00	9.75	33	.....	1	2	.....	10	1	1	3	10	2	3
42	Rochester, N. Y	331	120,464	9.91	9.84	1,282	59	34	71	52	71	120	102	207	260	112	134
43	Rockford, Ill	87	12,818	10.00	10.00	35	.....	4	6	.....	9	1	1	8	2	3	1
44	St. Joseph, Mo	869	215,912	10.00	9.80	105	.....	2	4	5	33	10	4	11	17	4	15
45	St. Louis, Mo	2,770	671,273	9.69	9.69	1,058	12	148	103	117	19	39	173	120	87	117	123
46	St. Paul, Minn	250	72,675	9.30	9.30	81	3	.....	.....	15	1	9	7	4	23	5	14
47	San Francisco, Cal	992	369,521	10.27	10.27	828	19	89	207	94	9	179	110	16	74	13	18
48	Syracuse, N. Y	164	41,970	9.99	9.98	527	30	33	49	52	52	55	68	60	60	37	31
49	Terra Haute, Ind	469	83,310	10.00	9.92	40	5	6	5	.....	.....	3	2	6	6	2	5
50	Utica, N. Y	4,200	400,150	9.36	9.36	283	23	9	6	3	8	19	17	64	66	15	53
51	Worcester, Mass	.....	.....	10.00	10.00	42	.....	.....	2	3	4	.....	.....	13	8	8	4
52	All other cities	2,546	511,477	.....	.....	747	31	236	7	14	24	57	61	82	109	57	69

12.—CLOTHING, WOMEN'S, FACTORY PRODUCT—Continued.

1	Total	17,127	5,836,898	.....	.....	9,709	347	185	413	260	333	465	1,047	2,181	2,410	864	1,204
2	Albany, N. Y	188	48,503	9.20	9.20	29	2	1	.....	1	3	.....	.....	3	10	4	5
3	Baltimore, Md	388	109,900	9.88	9.79	67	7	2	.....	5	2	2	13	5	12	8	11
4	Boston, Mass	429	141,182	9.27	9.21	163	11	2	6	8	4	5	18	43	44	14	8
5	Brooklyn, N. Y	360	96,572	9.58	9.44	115	2	7	8	2	6	9	8	13	19	28	13
6	Buffalo, N. Y	45	12,000	9.75	9.75	87	76	.....	.....	1	.....	1	1	1	2	3	2
7	Chicago, Ill	443	177,799	9.69	9.65	653	8	.....	120	5	3	13	75	149	145	72	63
8	Cincinnati, Ohio	471	121,852	9.43	9.58	564	107	25	33	37	48	58	29	49	103	16	59
9	Cleveland, Ohio	710	208,760	10.00	9.86	112	.....	.....	4	8	6	4	4	24	34	6	22
10	Denver, Colo	.....	.....	9.25	9.25	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
11	Jersey city, N. J	75	15,000	9.50	9.50	11	.....	.....	.....	.....	.....	.....	1	2	5	2	1
12	Milwaukee, Wis	320	28,169	9.33	8.67	16	.....	.....	.....	2	4	1	2	1	.....	4	2
13	Newark, N. J	.....	.....	9.57	9.43	39	1	4	.....	2	3	1	4	12	3	3	6
14	New Orleans, La	317	37,264	10.00	10.00	7	.....	3	.....	.....	.....	.....	.....	1	.....	3	.....
15	Newport, Ky	.....	.....	10.00	10.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	New York, N. Y	9,578	4,040,284	10.04	10.04	6,892	81	77	128	115	225	306	786	1,789	1,871	609	905
17	Philadelphia, Pa	1,406	339,583	9.71	9.73	326	22	9	9	12	11	25	48	35	87	23	45
18	Portland, Ore	10	3,500	9.67	9.33	10	.....	.....	.....	.....	.....	.....	2	1	5	2	.....
19	Providence, R. I	7	2,300	8.75	8.75	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
20	Richmond, Va	.....	.....	9.67	9.67	4	.....	1	.....	.....	.....	.....	.....	2	1	.....	.....
21	Rochester, N. Y	269	52,500	9.36	9.36	27	3	.....	.....	1	.....	.....	4	4	6	5	4
22	St. Louis, Mo	296	44,300	9.09	9.27	63	4	3	1	5	.....	.....	1	21	6	16	6
23	San Francisco, Cal	344	97,708	10.14	10.17	366	12	39	101	50	14	17	36	13	29	29	26
24	Trenton, N. J	20	4,160	10.00	9.67	5	.....	1	.....	.....	.....	1	1	.....	1	1	.....
25	Yonkers, N. Y	.....	.....	10.67	10.67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	All other cities	1,391	255,562	.....	.....	149	11	11	3	6	4	22	14	13	27	15	23

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

11.—CLOTHING, MEN'S, FACTORY PRODUCT—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
3							3										17
20		20															18
7	6			1													19
31	5	6	16	1	1	1		1				3	3				20
26		1	2	23													21
8		6	1				1										22
29		29															23
																	24
14	3			6		3	1	1				33	33				25
157	83	50	10	3	3	4	2		2								26
655	182	134	187	95	29	23	4	1				18	18				27
34		2	7	15	5	4	1					3	2	1			28
495	216	35	228	12			1	2		1		4	1			3	29
507	198	134	41	24	28	23	48	9	2								30
3,282	332	992	628	584	391	189	129	17	13	5	2	28	24	3	1		31
145	35	27	70	5	5		3					13	13				32
14	6	5					1	2									33
48	33	12			2	1											34
1,249	151	296	434	179	123	17	32	11	6			114	112	2			35
128	12	112	1	1		1	1										36
6				1	2	3											37
																	38
14			7	3	2	1	1					7	7				39
220	1	4	206	5	2	2											40
3	1	1		1													41
1,471	536	371	234	104	112	69	37	6	2			39	33	5	1		42
87	20	10	44		11	1	1										43
43	18	9	10	4				1	1								44
1,094	396	224	116	104	26	208	16	2	1		1	81	81				45
347	84	84	16	71	42		30	20				7	7				46
56			3	50	2				1								47
712	423	126	90	43	18	8	3	1				1	1				48
76	4	19	43	4	6												49
83	35	13	11	14	2	2	3	3									50
85		10	15	35	13	12											51
598	227	182	57	54	33	18	14	6	6	1		10	10				52

12.—CLOTHING, WOMEN'S, FACTORY PRODUCT—Continued.

13,899	1,484	2,570	2,458	2,033	2,177	692	787	429	244	63	62	213	206	4		3	1
39	12	5	4	4	2		1	6	5								2
147	57	50	16	3	5	2	11	2	1			3	3				3
470	30	136	53	92	62	36	41	17	4	5	3	2	2				4
342	53	143	88	29	7	8	5	3	4	1	1	4	4				5
16	1	4	11														6
1,575	181	260	516	177	335	31	32	8	30	3	2	2	2				7
603	121	166	69	28	177	5	11	17	4	5		10	10				8
33		12	5	3	10	3											9
347	25	5		60	35	10	205		4		3						10
46	6	12	14	8	4	1			1								11
13		6	1	2	1	1		2									12
254	141	7	82	15	1	4	3			1		1	1				13
12	12																14
28	10	5	1	2	2	6	2										15
8,286	592	1,364	1,390	2,261	1,375	441	364	300	117	41	41	35	34	1			16
588	105	105	111	104	57	28	28	24	19	3	4	76	73	3			17
51						45	5			1		10	10				18
9			2	5	1	1											19
20	6		4	10													20
28	6	4	9	2	5	2						7	7				21
136	24	45	7		6	2	50			1	1	4	4				22
418	36	101	46	95	42	53	20	14	9	1	1	9	6			3	23
20	20																24
10	1	3		2			4										25
399	45	137	29	31	50	13	5	36	46	1	6	50	50				26

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

13.—COOPERAGE.

	CITIES.	Number of establishments reporting.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
1	Total	1,125	15,706	$8,319,065	1,119	.....	$1,063,713	5	.....	$3,805	127	.....	$119,350	6	.....	$3,144
2	Albany, N. Y	6	63	29,018	9	$16.74	7,256	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Allegheny, Pa	8	45	22,839	6	17.45	4,992	.....	.....	.....	1	$9.00	468	.....	.....	.....
4	Baltimore, Md	42	518	258,059	39	13.90	27,614	.....	.....	.....	1	7.69	400	.....	.....	.....
5	Binghamton, N. Y	3	7	3,750	3	11.38	1,750	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Boston, Mass	20	243	148,265	19	23.58	22,684	.....	.....	.....	5	19.23	5,000	.....	.....	.....
7	Brooklyn, N. Y	41	1,620	839,514	52	46.45	123,283	1	$15.00	585	10	32.91	15,688	.....	.....	.....
8	Buffalo, N. Y	29	439	201,961	29	15.89	23,724	1	9.62	500	1	19.23	1,000	.....	.....	.....
9	Burlington, Iowa	4	39	17,020	3	14.62	2,280	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Cambridge, Mass	14	105	56,349	17	14.09	12,668	.....	.....	.....	.....	.....	.....	1	$4.81	250
11	Camden, N. J	3	13	7,032	3	12.87	1,840	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	Charleston, S. C	6	314	126,269	5	32.23	8,100	.....	.....	.....	1	7.02	365	.....	.....	.....
13	Chicago, Ill	47	1,208	649,744	44	19.53	43,154	1	38.46	2,000	14	15.62	10,964	1	16.00	780
14	Cincinnati, Ohio	53	922	466,212	58	16.51	48,712	1	10.00	520	15	38.92	28,500	.....	.....	.....
15	Cleveland, Ohio	21	289	134,403	19	16.82	15,344	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Covington, Ky	18	84	50,000	17	15.92	13,450	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Davenport, Iowa	6	111	59,831	5	17.01	4,090	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Dayton, Ohio	11	63	23,442	13	11.13	5,886	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Detroit, Mich	9	150	79,262	12	15.62	9,840	.....	.....	.....	1	12.02	625	.....	.....	.....
20	Dubuque, Iowa	3	45	21,421	3	14.82	2,280	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Elmira, N. Y	4	8	2,560	4	9.47	1,210	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	Erie, Pa	4	21	9,144	4	9.42	1,960	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Evansville, Ind	10	114	35,646	5	10.17	2,644	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Galveston, Tex	8	32	25,672	4	17.79	3,700	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Gloucester, Mass	5	12	7,754	3	13.33	2,080	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Grand Rapids, Mich	5	26	13,382	4	14.83	2,924	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	Indianapolis, Ind	15	269	113,673	14	21.43	12,814	.....	.....	.....	1	24.62	1,200	.....	.....	.....
28	Jersey city, N. J	5	64	46,104	8	25.51	9,950	.....	.....	.....	1	13.46	700	.....	.....	.....
29	Kansas city, Kan	5	226	122,484	6	22.76	7,100	.....	.....	.....	4	11.26	2,342	.....	.....	.....
30	Lacrosse, Wis	10	70	32,459	1	17.31	900	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Lexington, Ky	4	49	26,240	4	26.37	4,800	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	Louisville, Ky	14	406	200,556	15	24.10	17,960	.....	.....	.....	5	18.64	4,684	.....	.....	.....
33	Milwaukee, Wis	62	578	316,225	64	12.15	39,647	.....	.....	.....	3	12.13	1,800	.....	.....	.....
34	Minneapolis, Minn	16	648	330,318	28	15.98	18,939	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Newark, N. J	7	65	34,923	9	18.08	7,208	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	New Bedford, Mass	4	17	12,385	4	21.97	4,285	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	New Haven, Conn	5	34	18,474	4	24.94	3,350	.....	.....	.....	1	10.44	520	1	3.85	150
38	New Orleans, La	71	665	299,336	60	14.83	42,112	.....	.....	.....	7	11.82	4,302	.....	.....	.....
39	Newport, Ky	4	13	4,954	4	11.53	2,299	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	New York, N. Y	82	719	554,239	104	23.70	120,794	.....	.....	.....	13	12.87	8,674	1	7.00	364
41	Norfolk, Va	6	55	17,687	6	15.71	3,745	.....	.....	.....	2	9.81	680	.....	.....	.....
42	Oshkosh, Wis	4	6	2,524	2	10.99	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Oswego, N. Y	9	37	15,745	7	10.48	2,497	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Peoria, Ill	8	519	270,168	10	20.58	10,700	.....	.....	.....	4	19.23	4,000	.....	.....	.....
45	Philadelphia, Pa	91	961	496,299	84	15.08	64,754	.....	.....	.....	7	15.12	5,374	.....	.....	.....
46	Pittsburg, Pa	17	221	139,460	16	18.79	15,266	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Portland, Me	7	87	65,451	9	44.70	20,724	.....	.....	.....	3	16.03	2,500	1	13.46	700
48	Portland, Ore	4	24	18,530	4	20.79	4,280	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Poughkeepsie, N. Y	5	187	121,676	8	27.64	11,320	.....	.....	.....	2	17.68	1,800	.....	.....	.....
50	Providence, R. I	6	36	20,362	6	17.01	5,050	.....	.....	.....	1	12.04	600	.....	.....	.....
51	Quincy, Ill	16	57	26,521	8	6.45	2,598	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Richmond, Va	8	111	33,303	9	11.63	5,190	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Rochester, N. Y	15	216	101,607	12	17.91	10,360	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Saginaw, Mich	4	16	7,536	3	11.18	1,720	.....	.....	.....	1	8.00	416	.....	.....	.....
55	St. Joseph, Mo	5	82	54,884	6	16.46	5,100	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	St. Louis, Mo	71	1,108	587,105	91	20.32	90,302	.....	.....	.....	5	16.00	4,160	1	17.31	900
57	St. Paul, Minn	5	18	10,050	5	17.24	3,400	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Salem, Mass	4	13	7,392	4	17.12	3,560	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	San Francisco, Cal	24	419	308,406	15	24.66	18,964	.....	.....	.....	3	19.04	2,970	.....	.....	.....
60	Syracuse, N. Y	14	76	37,054	12	13.75	7,715	.....	.....	.....	1	4.01	200	.....	.....	.....
61	Terre Haute, Ind	7	182	78,807	6	20.25	6,055	.....	.....	.....	2	6.73	700	.....	.....	.....
62	Toledo, Ohio	7	42	20,910	6	13.26	3,650	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Trenton, N. J	5	27	10,942	4	18.10	3,764	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Washington, D. C	8	53	23,880	8	12.65	4,880	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Wheeling, W. Va	6	32	17,610	5	12.08	2,924	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	York, Pa	10	27	6,244	3	9.27	944	1	7.69	200	.....	.....	.....	.....	.....	.....
67	Zanesville, Ohio	4	12	5,659	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	All other cities (a)	71	768	406,033	65	.....	62,092	.....	.....	.....	12	.....	8,718	.....	.....	.....

a Embraces Akron, Ohio, 2; Altoona, Pa., 1; Atlanta, Ga., 1; Augusta, Ga., 2; Bay city, Mich., 2; Bridgeport, Conn., 2; Canton, Ohio, 1; Columbus, Ohio, 1; Council Bluffs, Iowa, 1; Dallas, Tex., 2; Des Moines, Iowa, 2; Duluth, Minn., 1; Fall River, Mass., 1; Fort Wayne, Ind., 1; Fort Worth, Tex., 1; Harrisburg, Pa., 2; Hoboken, N. J., 1; Houston, Tex., 1; Jackson, Mich., 2; Joliet, Ill., 1; Kansas city, Mo., 1; Knoxville, Tenn., 1; Lancaster, Pa., 1; Lincoln, Neb., 2; Los Angeles, Cal., 1; Lowell, Mass., 1; Memphis, Tenn., 2; Mobile, Ala., 1; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 2; New Albany, Ind., 2; Newburg, N. Y., 1;

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

13.—COOPERAGE.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
6,618		$3,467,271	1		$260	117		$26,731	1,867		$777,888				71		$10,750	1
36	$10.19	15,630							13	$6.59	4,112							2
3	15.41	2,304																3
236	9.52	114,180							29	7.44	10,919							4
4	10.03	2,000																5
167	11.81	95,179							4	9.95	2,070							6
996	9.88	476,988							254	11.41	139,426							7
53	11.85	32,030							35	7.36	13,368							8
																		9
52	9.54	25,318							13	9.42	6,371							10
8	10.56	4,256							2	9.00	936							11
20	15.99	15,900							275	6.96	99,400							12
651	10.45	340,008				10	$4.80	2,496	71	8.90	32,523				2	$3.00	312	13
497	9.68	238,610							161	7.80	60,240							14
92	10.47	45,079				30	4.33	6,195	33	8.47	13,140				13	4.26	2,585	15
33	12.17	19,900							2	7.86	800							16
7	11.23	3,747							8	7.56	2,620							17
24	7.81	8,550							1	5.02	250							18
28	10.65	15,510							14	4.33	3,140							19
2	10.10	1,050																20
3	8.36	1,250																21
16	8.26	6,872				1	6.00	312										22
4	8.75	1,820							1	6.00	312							23
24	15.90	19,700							2	13.85	1,440							24
6	12.90	4,024																25
2	12.00	1,248							1	9.03	450							26
79	9.54	34,750							12	8.08	2,520				28	3.59	3,344	27
43	13.99	20,220							10	12.34	5,884				2	4.04	350	28
30	12.40	19,221							12	9.31	5,812				2	2.40	250	29
52	9.93	26,155				15	6.67	5,200	2	5.88	204							30
6	7.37	2,300							5	6.78	1,440							31
164	9.34	79,538				11	3.86	2,208	33	6.09	10,343				7	3.22	1,144	32
150	8.58	65,455							23	10.60	12,402							33
13	11.39	7,327							158	9.44	56,920				5	3.00	585	34
46	14.00	23,538							9	10.86	3,952							35
11	12.58	6,540																36
6	14.15	3,954							10	9.03	4,500							37
369	10.14	177,805				9	3.47	1,622	26	6.60	8,494							38
																		39
396	14.74	301,393				1	4.00	208	68	11.13	38,678							40
3	5.98	933							2	8.32	865							41
3	7.51	1,074																42
2	4.62	300																43
255	8.41	111,550							14	10.30	7,500							44
674	10.06	333,547				20	4.61	4,450	62	9.36	29,280							45
37	14.58	22,681							12	10.62	6,240							46
28	13.14	19,076							10	9.83	5,113							47
19	15.56	13,050							1	11.54	600							48
105	11.90	63,700							1	9.62	500							49
14	11.43	8,200							14	9.01	6,426							50
6	5.91	1,818																51
13	5.82	3,937							9	6.30	2,676							52
112	9.45	54,203							2	6.87	700							53
3	8.58	1,320																54
27	14.65	20,500							27	7.55	10,572							55
429	10.31	217,077				15	4.99	3,120	209	8.78	92,312							56
7	13.75	4,350																57
7	10.81	3,232							1	2.88	150							58
100	15.64	79,892				1	5.77	300	19	10.28	9,470				7	5.15	1,680	59
6	8.93	2,631							10	7.31	3,216							60
16	9.97	8,270							30	6.43	10,025				5	1.92	500	61
35	10.00	17,160							1	1.92	100							62
16	11.78	9,798							7	9.29	3,380							63
29	8.64	12,840							16	7.50	6,160							64
3	10.65	1,662							1	10.00	520							65
4	5.19	1,000																66
									1	8.31	360							67
336		184,521	1		260	4		620	131		39,078							68

Oakland, Cal., 2; Omaha, Neb., 2; Petersburg, Va., 1; Rockford, Ill., 1; Sacramento, Cal., 1; San Antonio, Tex., 1; Savannah, Ga., 1; Seattle, Wash., 1; Sioux city, Iowa, 1; Somerville, Mass., 2; South Bend, Ind., 1; Springfield, Ill., 1; Springfield, Ohio, 2; Tacoma, Wash., 1; Topeka, Kan., 1; Troy, N. Y., 1; Utica, N. Y., 1; Wilmington, Del., 1; Worcester, Mass., 1; Yonkers, N. Y., 2; Youngstown, Ohio, 1.

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

13.—COOPERAGE—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
1	Total	5,775	$2,847,053			9,731	406	365	744	661	913	1,560	1,752	1,698	1,040	360	232
2	Albany, N. Y	5	2,020	10.00	9.67	58	3	2	3	4	21	1	5	12	3	4	
3	Allegheny, Pa	35	15,075	9.75	9.75	10						2	2	2	3		1
4	Baltimore, Md	213	104,946	9.81	9.76	305	8	11	22	48	37	35	77	34	24	5	4
5	Binghamton, N. Y			10.00	10.00	7				1			5		1		
6	Boston, Mass	48	23,332	9.60	9.50	195	5	7	8	1	3	49	19	43	43	8	9
7	Brooklyn, N. Y	307	83,544	9.51	9.46	1,312	29	7	18	3	163	474	315	174	79	22	28
8	Buffalo, N. Y	320	131,339	9.93	9.79	118	1		11	11	9	13	19	31	17	2	4
9	Burlington, Iowa	36	14,740	10.00	9.50	3						1			2		
10	Cambridge, Mass	22	11,742	9.70	9.64	82	4	1	4		22	8	15	15	9	4	
11	Camden, N. J			9.67	9.67	13		1			1	4	1	5	1		
12	Charleston, S. C	13	2,504	9.67	9.67	301	3	4	272	1		2		4	1	11	3
13	Chicago, Ill	414	217,507	9.70	9.60	780	70	15	25	64	79	81	140	179	86	26	15
14	Cincinnati, Ohio	190	89,630	9.73	9.66	731	30	22	80	90	83	139	141	104	21	1	20
15	Cleveland, Ohio	102	52,060	9.76	9.71	144	1		6	10	14	48	25	30	3	3	4
16	Covington, Ky	32	15,850	9.89	9.89	52			1		2	1	7	24	12	5	
17	Davenport, Iowa	91	49,374	9.50	9.17	20	2	1	2	3			4	2	6		
18	Dayton, Ohio	25	8,750	10.09	10.00	38	6	2	3	4	9	2	8	1	1	2	
19	Detroit, Mich	95	50,638	10.00	10.00	55	6	8			3	14	5	13	3	1	2
20	Dubuque, Iowa	40	18,091	10.00	10.00	5							3		2		
21	Elmira, N. Y	1	100	9.75	9.75	7					4	2	1				
22	Erie, Pa			9.75	9.25	20		3		2	6	6	1	2			
23	Evansville, Ind	104	30,870	9.75	9.55	10		2	1	1		3	1	1	1		
24	Galveston, Tex	2	832	9.43	9.43	30	1						4	4	15	6	
25	Gloucester, Mass	3	1,050	9.60	9.60	9							3	3	3		
26	Grand Rapids, Mich	19	8,760	10.00	10.00	7						2	1	3		1	
27	Indianapolis, Ind	135	59,045	9.36	9.07	106	3	5	4	15	7	21	18	17	9	4	3
28	Jersey city, N. J			9.80	9.80	62							1	32	22	5	2
29	Kansas city, Kan	172	87,750	9.80	9.20	52			1	1	4	7	3	27	3	2	4
30	Lacrosse, Wis			10.00	10.00	55	1	2		1	1	31	6	11	2		
31	Lexington, Ky	34	17,700	11.25	11.25	15	3	3		1	3		2		1		2
32	Louisville, Ky	171	84,673	10.00	10.00	217	4		20	57	48	26	21	17	7	12	5
33	Milwaukee, Wis	338	196,921	9.81	9.76	240	34	7	16	11	22	37	35	41	32	5	
34	Minneapolis, Minn	444	246,547	9.94	9.25	199	1		6	81		10	64	14	16	4	3
35	Newark, N. J	1	225	10.00	9.71	64						2	8	25	25	4	
36	New Bedford, Mass	2	1,560	9.75	8.75	15							4	7	1	2	1
37	New Haven, Conn	12	6,000	9.80	9.40	21	1					3	10	3	1	1	2
38	New Orleans, La	194	64,998	9.72	9.69	462	24	6	27	57	35	59	112	100	90	5	7
39	Newport, Ky	9	2,655	10.00	10.00	4							2	2			
40	New York, N. Y	136	78,128	9.51	9.51	581	7	1		2	13	29	77	167	149	97	39
41	Norfolk, Va	42	11,464	9.50	9.50	13	2			2	3	2	1	1		2	
42	Oshkosh, Wis	1	450	10.00	9.50	5	1	1					2	1			
43	Oswego, N. Y	28	12,048	9.56	7.22	9	1	1	1		5			1			
44	Peoria, Ill	236	136,418	9.50	9.50	283		3	38	35	27	133	29	4	9	2	3
45	Philadelphia, Pa	114	58,894	9.80	9.55	827	2	94	4	10	119	112	198	167	101	13	7
46	Pittsburg, Pa	156	95,303	9.59	9.53	65		1				6	14	17	17	9	1
47	Portland, Me	36	17,338	10.00	9.14	50				2	4	5	5	20	8	2	4
48	Portland, Ore			10.00	9.50	24							1	9	13		1
49	Poughkeepsie, N. Y	71	44,356	10.20	9.80	116	5	5				17	5	70	7	3	4
50	Providence, R. I	1	50	10.00	10.00	35			2			12	4	13	3		1
51	Quincy, Ill	43	22,105	10.00	10.13	14		6	6			2					
52	Richmond, Va	80	21,500	9.88	9.63	31	6	5	2	2	6	1	4	2	3		
53	Rochester, N. Y	90	36,404	10.00	9.93	126		3	3	17	47	2	24	24	3		3
54	Saginaw, Mich	9	4,080	10.00	10.25	7				2	1		3	1			
55	St. Joseph, Mo	22	18,662	10.00	9.00	60	3	2		10	2	10	2	1	30		
56	St. Louis, Mo	358	179,234	9.62	9.49	734	67	49	57	64	85	78	102	102	80	17	24
57	St. Paul, Minn	6	2,900	10.00	10.00	12						1	3		7	1	
58	Salem, Mass	1	450	9.75	9.50	12	1				1	2	2	2	4		
59	San Francisco, Cal	274	195,130	9.54	9.56	137	4		6	6		3	3	33	46	29	7
60	Syracuse, N. Y	47	23,892	10.14	10.14	20	1		2	12	3	1	4	2	1	2	1
61	Terre Haute, Ind	123	53,257	9.57	9.00	54		9	12	9	8	3	3	5	1	1	3
62	Toledo, Ohio			10.00	8.57	42	1	1	1	1		4	31	2	1		
63	Trenton, N. J			10.00	10.00	27				1	1	7	5	8	3	1	1
64	Washington, D. C			8.88	8.88	53	4	4	8	4	3	7	19	2	2		
65	Wheeling, W. Va	23	12,504	9.83	9.83	9				1	1		3	3	1		
66	York, Pa	19	4,100	10.90	10.44	7		4	1			1	1				
67	Zanesville, Ohio	11	5,290	9.50	9.50	1					1						
68	All other cities	219	110,744			544	61	67	71	14	7	39	119	59	57	36	14

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

13.—COOPERAGE—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
12	2	1		2		1	1	1	3		1	188	150	16	22		1
																	2
																	3
																	4
																	5
																	6
1									1								7
1						1											8
																	9
1	1																10
																	11
																	12
2									1		1	12	6	6			13
1							1										14
												43	42	1			15
																	16
																	17
																	18
																	19
																	20
																	21
												1			1		22
																	23
																	24
																	25
																	26
												28	23	3	2		27
												2	2				28
												2	2				29
												15			15		30
																	31
												18	18				32
																	33
												5	5				34
																	35
																	36
1	1																37
												9	9				38
																	39
1				1								1	1				40
																	41
																	42
																	43
																	44
												20	20				45
																	46
1								1									47
																	48
																	49
																	50
																	51
																	52
																	53
																	54
																	55
1									1			15	11		4		56
																	57
																	58
												8	2	6			59
																	60
												5	5				61
																	62
																	63
																	64
																	65
1				1													66
																	67
1		1										4	4				68

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

14.—COTTON GOODS.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings.													
			Aggregates.		Officers or firm members actively engaged in the industry or in supervision.						Clerks.					
					Males above 16 years.			Females above 15 years.			Males above 16 years.			Females above 15 years.		
			Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	Total	375	113,751	$37,900,701	545	.....	$1,039,242	1	.....	$750	639	.....	$620,555	43	.....	$19,703
2	Atlanta, Ga.	3	1,092	262,077	7	$28.56	9,996	.....	.....	.....	21	$15.24	16,000	2	$12.64	1,264
3	Augusta, Ga.	9	2,982	709,525	13	39.67	23,800	.....	.....	.....	27	9.50	11,584	.....	.....	.....
4	Boston, Mass	3	260	95,040	3	28.00	4,200	.....	.....	.....	5	13.25	3,312	.....	.....	.....
5	Brooklyn, N. Y	5	131	70,494	6	33.92	9,510	.....	.....	.....	1	3.12	156	.....	.....	.....
6	Chester, Pa	11	2,369	798,623	18	26.37	23,070	.....	.....	.....	13	16.37	10,638	1	5.00	250
7	Cincinnati, Ohio	6	567	188,357	15	22.92	16,900	.....	.....	.....	12	22.37	13,144	1	13.00	600
8	Fall River, Mass	41	19,476	6,724,452	68	47.64	156,318	1	$17.14	750	68	16.12	53,912	.....	.....	.....
9	Fitchburg, Mass	4	1,212	464,415	5	81.36	20,000	.....	.....	.....	6	14.53	4,360	1	7.00	350
10	Holyoke, Mass	5	2,989	1,027,847	9	45.13	20,809	.....	.....	.....	12	30.01	18,006	2	13.56	1,356
11	Lancaster, Pa	4	1,165	322,572	3	37.00	5,550	.....	.....	.....	5	22.02	5,506	.....	.....	.....
12	Lawrence, Mass	6	4,756	1,630,581	10	80.43	40,216	.....	.....	.....	19	13.57	12,888	2	19.00	1,900
13	Lewiston, Me	6	4,927	1,515,200	13	75.67	45,400	.....	.....	.....	19	22.54	20,282	.....	.....	.....
14	Lincoln, R. I	4	3,863	1,430,386	10	32.80	16,400	.....	.....	.....	19	22.02	20,915	.....	.....	.....
15	Lowell, Mass	8	15,074	4,858,231	28	89.02	124,621	.....	.....	.....	74	24.06	89,024	20	7.35	7,347
16	Manchester, N. H	4	9,617	2,417,295	3	123.33	18,500	.....	.....	.....	61	23.05	70,308	.....	.....	.....
17	Newark, N. J	3	2,392	954,850	6	52.00	15,600	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	New Bedford, Mass	9	6,379	2,812,693	7	96.92	31,500	.....	.....	.....	42	32.44	66,512	4	10.40	2,080
19	New York, N. Y	8	251	122,178	9	26.00	11,700	.....	.....	.....	3	20.80	3,120	.....	.....	.....
20	Paterson, N. J	3	566	168,793	4	30.34	5,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	Pawtucket, R. I	15	3,239	1,071,684	19	37.40	34,281	.....	.....	.....	22	20.17	21,603	.....	.....	.....
22	Petersburg, Va	5	893	126,920	12	18.95	10,581	.....	.....	.....	2	11.16	1,000	.....	.....	.....
23	Philadelphia, Pa	123	7,080	2,883,596	138	23.65	154,103	.....	.....	.....	74	17.02	59,998	3	7.38	1,076
24	Providence, R. I	16	3,162	1,051,294	19	29.97	28,468	.....	.....	.....	24	17.97	21,568	1	6.00	300
25	Springfield, Mass	3	101	38,192	1	24.00	1,200	.....	.....	.....	1	18.00	900	.....	.....	.....
26	Taunton, Mass	8	2,000	708,825	9	34.44	15,500	.....	.....	.....	7	15.19	5,316	.....	.....	.....
27	Utica, N. Y	3	1,491	458,460	7	57.14	20,000	.....	.....	.....	8	17.25	6,901	.....	.....	.....
28	Woonsocket, R. I	8	2,842	842,302	18	34.44	31,000	.....	.....	.....	17	19.64	16,180	.....	.....	.....
29	Worcester, Mass	7	259	101,502	13	28.72	18,160	.....	.....	.....	5	22.38	5,595	.....	.....	.....
30	All other cities (a)	45	12,826	3,544,377	72	.....	126,829	.....	.....	.....	72	.....	70,827	6	.....	3,180

a Embraces Allegheny, Pa., 1; Baltimore, Md., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Charleston, S. C., 1; Cohoes, N. Y., 2; Dallas, Tex., 1; Dayton, Ohio, 1; Des Moines, Iowa, 2; Evansville, Ind., 1; Indianapolis, Ind., 1; Louisville, Ky., 2; Macon, Ga., 2; Malden, Mass., 2; Memphis, Tenn., 2; Montgomery, Ala., 1;

15.—CUTLERY AND EDGE TOOLS.

1	Total	300	3,732	1,072,909	347	.....	339,213	1	.....	1,500	87	.....	59,047	7	.....	1,862
2	Baltimore, Md	15	41	23,020	16	15.34	12,764	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Boston, Mass	17	53	35,698	21	14.92	15,900	.....	.....	.....	1	6.23	324	.....	.....	.....
4	Bridgeport, Conn	4	174	90,148	7	17.32	6,305	.....	.....	.....	8	11.30	4,700	.....	.....	.....
5	Brockton, Mass	6	41	25,275	8	16.78	6,582	.....	.....	.....	1	10.26	500	.....	.....	.....
6	Brooklyn, N. Y	10	34	22,614	10	13.69	7,120	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Buffalo, N. Y	9	78	46,557	8	11.08	3,672	.....	.....	.....	4	7.60	1,548	.....	.....	.....
8	Chicago, Ill	6	225	95,654	9	21.03	9,112	.....	.....	.....	2	19.15	1,950	.....	.....	.....
9	Cincinnati, Ohio	10	37	23,832	10	15.86	8,180	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Dayton, Ohio	3	29	16,840	1	19.23	1,000	.....	.....	.....	2	18.27	1,900	.....	.....	.....
11	Evansville, Ind	3	63	31,632	3	8.92	1,150	.....	.....	.....	1	15.38	800	.....	.....	.....
12	Grand Rapids, Mich	3	17	9,222	3	20.75	2,697	.....	.....	.....	1	3.85	200	.....	.....	.....
13	Haverhill, Mass	3	3	2,060	3	13.21	2,060	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	Indianapolis, Ind	4	18	9,730	5	16.92	4,400	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Louisville, Ky	3	220	60,700	4	21.15	4,124	.....	.....	.....	3	8.39	1,200	.....	.....	.....
16	Lynn, Mass	5	14	11,975	4	20.34	4,187	.....	.....	.....	1	12.00	624	.....	.....	.....
17	Meriden, Conn	3	125	68,111	3	22.41	3,350	.....	.....	.....	2	13.19	1,200	.....	.....	.....
18	Milwaukee, Wis	3	7	3,600	3	10.53	1,620	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Newark, N. J	10	433	209,824	14	22.60	16,060	.....	.....	.....	9	16.44	7,534	.....	.....	.....
20	New Haven, Conn	3	105	53,740	4	19.15	3,900	.....	.....	.....	1	15.38	800	.....	.....	.....
21	New Orleans, La	13	24	14,744	14	13.16	9,584	.....	.....	.....	.....	.....	.....	1	4.62	240
22	New York, N. Y	51	296	229,683	60	23.32	71,246	.....	.....	.....	1	10.03	500	.....	.....	.....
23	Philadelphia, Pa	33	167	105,046	31	20.74	31,058	1	28.85	1,500	9	10.77	4,902	.....	.....	.....
24	Portland, Me	4	5	3,275	4	13.82	2,875	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Rochester, N. Y	8	110	54,286	10	24.12	11,600	.....	.....	.....	3	12.00	1,872	1	4.81	250
26	St. Louis, Mo	9	94	59,983	14	19.79	13,719	.....	.....	.....	5	19.23	5,000	1	6.00	312
27	San Francisco, Cal	7	54	39,556	8	17.99	7,484	.....	.....	.....	1	18.00	936	.....	.....	.....
28	Syracuse, N. Y	4	9	5,390	5	15.17	3,550	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Worcester, Mass	5	81	53,511	7	20.49	7,414	.....	.....	.....	4	12.98	2,700	.....	.....	.....
30	All other cities (a)	46	1,175	567,203	58	.....	66,500	.....	.....	.....	28	.....	19,857	4	.....	1,060

a Embraces Albany, N. Y., 2; Allentown, Pa., 2; Atlanta, Ga., 1; Cambridge, Mass., 2; Canton, Ohio, 2; Chelsea, Mass., 1; Chester, Pa., 1; Cleveland, Ohio, 2; Cohoes, N. Y., 1; Columbus, Ohio, 2; Covington, Ky., 1; Davenport, Iowa, 2; Detroit, Mich., 1; Elizabeth, N. J., 1; Holyoke, Mass., 2; Hartford, Conn., 2; Kansas city, Mo., 1; Kingston, N. Y., 1; Lancaster, Pa., 1; Lowell, Mass., 1; Minneapolis, Minn., 1; Paterson, N. J., 1; Portland, Ore., 1; Providence, R. I., 1; Saginaw,

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

14.—COTTON GOODS.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
40,764	.....	$16,471,698	52,743	.....	$15,045,075	8,375	.....	$1,227,563	2,423	.....	$965,353	67	.....	$14,860	48	.....	$5,471	1
340	$5.69	96,798	252	$4.03	50,750	159	$2.06	16,341	32	$5.25	8,400	.....	.....	.....	.....	.....	.....	2
967	6.13	264,104	1,093	5.28	262,670	482	2.68	58,759	27	7.06	7,497	.....	.....	.....	.....	.....	.....	3
109	9.21	50,200	121	5.35	32,388	1	5.20	260	1	10.40	520	.....	.....	.....	.....	.....	.....	4
63	11.63	36,646	61	7.92	24,152	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
907	8.70	360,689	866	6.16	250,063	291	3.55	48,634	25	7.14	8,920	2	$1.43	143	3	$3.29	494	6
216	9.51	101,035	308	3.51	51,478	7	1.63	572	8	11.82	4,628	.....	.....	.....	.....	.....	.....	7
8,701	7.94	3,400,171	8,694	6.29	2,684,829	1,123	3.35	188,843	326	8.69	135,560	5	5.51	1,320	.....	.....	.....	8
552	9.27	254,254	464	6.45	148,149	171	3.61	30,438	13	10.77	6,864	.....	.....	.....	.....	.....	.....	9
874	8.58	374,910	1,455	5.61	408,442	232	3.74	43,404	45	8.33	18,732	.....	.....	.....	.....	.....	.....	10
332	8.29	137,569	540	5.14	138,763	250	2.05	25,631	24	7.80	9,364	1	3.78	189	.....	.....	.....	11
1,640	8.16	668,884	2,666	5.86	780,937	143	4.27	30,547	102	8.19	41,786	12	6.07	3,641	1	3.00	150	12
1,745	7.86	626,881	2,400	5.40	600,578	114	2.74	15,596	123	7.01	46,655	10	3.00	1,500	5	3.00	750	13
1,470	9.16	673,413	1,289	6.24	402,317	397	3.21	63,675	206	7.29	75,109	.....	.....	.....	.....	.....	.....	14
4,526	7.64	1,729,078	7,149	5.39	1,927,888	438	3.35	73,275	409	8.10	165,586	.....	.....	.....	.....	.....	.....	15
3,595	8.20	1,473,753	5,294	6.16	1,631,019	221	2.93	32,343	360	8.94	160,850	5	5.87	1,467	.....	.....	.....	16
565	12.96	366,207	1,630	6.59	537,426	171	2.75	23,498	20	12.12	12,119	.....	.....	.....	.....	.....	.....	17
2,978	8.08	1,202,143	2,838	6.49	900,357	340	2.89	49,046	113	7.28	40,048	4	7.59	1,517	.....	.....	.....	18
98	13.44	65,178	134	6.09	39,880	.....	.....	.....	1	6.00	300	.....	.....	.....	.....	.....	.....	19
274	9.66	93,926	278	6.94	64,344	1	3.50	175	9	10.36	4,848	.....	.....	.....	.....	.....	.....	20
1,057	8.00	434,368	1,324	5.56	344,448	269	3.48	43,803	72	7.81	26,864	.....	.....	.....	.....	.....	.....	21
160	6.69	48,528	344	3.28	51,985	170	1.70	13,201	5	7.09	1,625	.....	.....	.....	.....	.....	.....	22
2,522	10.62	1,270,606	3,123	7.21	1,094,677	516	3.00	74,988	68	8.38	27,830	.....	.....	.....	2	4.50	450	23
903	8.42	380,343	1,445	5.50	397,377	295	3.26	48,075	70	8.09	28,317	.....	.....	.....	.....	.....	.....	24
7	10.12	3,290	50	6.00	15,000	3	3.21	441	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
845	8.26	348,955	993	6.07	301,578	59	3.30	9,738	34	8.29	14,091	.....	.....	.....	.....	.....	.....	26
549	7.63	209,551	759	5.06	191,898	139	2.82	19,569	29	7.27	10,541	.....	.....	.....	.....	.....	.....	27
1,069	6.61	353,230	1,345	5.44	365,651	338	3.28	55,504	45	7.98	17,963	.....	.....	.....	1	3.12	156	28
37	12.03	21,486	143	5.31	35,814	.....	.....	.....	1	10.00	500	1	6.24	312	.....	.....	.....	29
3,663	.....	1,425,502	5,685	.....	1,310,217	2,045	.....	266,207	255	.....	89,818	27	.....	4,771	36	.....	3,471	30

Nashville, Tenn., 2; New Albany, Ind., 2; Newburg, N. Y., 1; New Orleans, La., 2; Oakland, Cal., 1; Oswego, N. Y., 1; Reading, Pa., 2; Rochester, N. Y., 2; Rockford, Ill., 1; St. Louis, Mo., 1; Salem, Mass., 1; Troy, N. Y., 1; Waterbury, Conn., 1; Wilkesbarre, Pa., 1; Wilmington, Del., 2; Wilmington, N. C., 1.

15.—CUTLERY AND EDGE TOOLS.

1,842	.....	1,055,103	63	.....	16,807	59	.....	9,922	357	.....	103,304	9	.....	1,700	11	.....	1,822	1
22	8.56	9,788	.....	.....	.....	.....	.....	.....	3	3.00	468	.....	.....	.....	.....	.....	.....	2
26	13.36	18,058	.....	.....	.....	.....	.....	.....	5	5.45	1,416	.....	.....	.....	.....	.....	.....	3
60	10.02	31,272	11	4.64	2,652	.....	.....	.....	21	11.00	12,012	3	5.00	780	.....	.....	.....	4
20	13.13	13,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
22	12.73	14,558	.....	.....	.....	.....	.....	.....	2	9.00	936	.....	.....	.....	.....	.....	.....	6
63	12.29	40,225	.....	.....	.....	1	4.62	20	2	10.50	1,092	.....	.....	.....	.....	.....	.....	7
164	8.84	72,370	12	4.17	2,496	31	3.27	5,044	2	7.68	782	.....	.....	.....	.....	.....	.....	8
27	11.20	15,652	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
26	10.31	13,940	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
28	9.09	13,230	.....	.....	.....	.....	.....	.....	5	8.08	2,100	.....	.....	.....	.....	.....	.....	11
8	13.26	4,825	.....	.....	.....	.....	.....	.....	5	6.92	1,500	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
55	9.99	25,962	.....	.....	.....	.....	.....	.....	10	7.24	3,450	6	3.22	920	1	4.00	208	15
9	15.38	7,164	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
22	12.64	13,717	.....	.....	.....	.....	.....	.....	1	9.89	450	.....	.....	.....	.....	.....	.....	17
3	12.04	1,800	.....	.....	.....	.....	.....	.....	1	3.61	180	.....	.....	.....	.....	.....	.....	18
233	9.42	113,135	15	4.20	3,276	12	2.92	1,820	8	8.40	3,340	.....	.....	.....	.....	.....	.....	19
9	21.12	9,840	3	3.53	550	.....	.....	.....	3	7.85	1,225	.....	.....	.....	.....	.....	.....	20
7	12.68	4,616	.....	.....	.....	.....	.....	.....	1	3.85	200	.....	.....	.....	1	2.00	104	21
216	13.71	151,830	.....	.....	.....	2	5.00	520	16	6.76	5,379	.....	.....	.....	.....	.....	.....	22
90	11.37	52,636	.....	.....	.....	7	3.64	1,318	5	6.54	1,700	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7.69	400	.....	.....	.....	.....	.....	.....	24
47	10.63	25,526	.....	.....	.....	.....	.....	.....	29	6.12	9,046	.....	.....	.....	.....	.....	.....	25
60	11.56	34,452	10	9.62	5,000	.....	.....	.....	4	7.21	1,500	.....	.....	.....	.....	.....	.....	26
38	15.02	29,676	.....	.....	.....	6	3.85	1,200	1	5.00	260	.....	.....	.....	.....	.....	.....	27
4	11.02	1,840	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
54	12.48	34,511	5	5.77	1,500	.....	.....	.....	11	12.91	7,386	.....	.....	.....	.....	.....	.....	29
529	.....	301,171	7	.....	1,333	.....	.....	.....	221	.....	48,482	.....	.....	.....	9	.....	1,510	30

Mich., 1; Scranton, Pa., 1; Seattle, Wash., 1; Springfield, Mass., 2; Springfield, Ohio, 1; Taunton, Mass, 1; Toledo, Ohio, 1; Waterbury, Conn., 2; Wilkesbarre, Pa., 1; Williamsport, Pa., 1; Wilmington, Del., 1.

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

14.—COTTON GOODS—Continued.

	CITIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.		AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK.											
		Piecoworkers.				Males above 16 years.											
		Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
1	Total	8,103	$2,481,431	.....	.....	44,371	6,045	4,085	7,500	5,376	4,729	4,928	5,167	3,312	1,789	688	752
2	Atlanta, Ga	279	62,528	11.00	11.00	400	215	79	22	24	.....	11	3	12	27	1	6
3	Augusta, Ga	373	81,111	11.00	11.00	1,034	390	193	288	58	10	22	15	6	18	10	24
4	Boston, Mass	20	4,160	10.00	10.00	118	4	.....	2	3	1	83	2	13	7	1	2
5	Brooklyn, N. Y	.....	.....	10.00	10.40	70	1	.....	1	4	2	14	17	13	12	3	3
6	Chester, Pa	243	95,713	10.00	10.00	963	31	39	337	164	42	118	73	88	41	19	11
7	Cincinnati, Ohio	.....	.....	10.00	10.00	251	23	6	16	24	40	20	58	9	30	9	16
8	Fall River, Mass	490	107,749	10.00	10.00	9,163	1,243	899	1,498	1,016	1,244	1,164	1,207	540	185	86	81
9	Fitchburg, Mass	.....	.....	10.00	10.00	576	67	25	41	100	23	176	28	88	21	2	5
10	Holyoke, Mass	360	142,688	10.00	10.00	940	83	60	172	119	52	164	126	70	53	31	10
11	Lancaster, Pa	.....	.....	10.25	10.00	364	101	22	52	76	23	22	19	20	14	9	6
12	Lawrence, Mass	161	49,632	10.12	10.12	1,771	189	119	314	301	261	166	213	143	34	19	12
13	Lewiston, Me	498	157,558	10.00	10.00	1,900	287	210	328	238	178	214	235	111	39	30	21
14	Lincoln, R. I	472	178,557	10.25	10.25	1,705	96	105	342	266	294	172	207	118	58	16	31
15	Lowell, Mass	2,430	741,412	10.00	10.03	5,037	602	396	1,226	756	528	605	438	217	85	46	138
16	Manchester, N. H	78	28,995	10.00	10.00	4,019	270	268	747	656	454	556	540	289	118	66	55
17	Newark, N. J	.....	.....	9.83	9.83	591	14	13	117	17	12	28	82	90	191	13	14
18	New Bedford, Mass	53	19,490	10.00	10.00	3,140	375	316	453	368	411	218	593	271	51	41	43
19	New York, N. Y	6	2,000	9.31	9.31	111	.....	1	3	.....	4	.....	4	53	30	13	3
20	Paterson, N. J	.....	.....	10.17	10.17	287	75	12	20	28	17	22	28	61	16	4	4
21	Pawtucket, R. I	476	166,317	10.00	10.00	1,170	67	132	200	113	186	140	146	73	69	24	20
22	Petersburg, Va	.....	.....	10.50	10.90	179	69	15	21	20	8	10	13	11	2	10	.....
23	Philadelphia, Pa	634	109,859	9.88	9.81	2,802	176	221	154	241	238	285	470	446	382	93	96
24	Providence, R. I	405	146,846	10.00	10.00	1,016	55	88	236	119	154	90	96	78	73	12	15
25	Springfield, Mass	39	17,361	10.00	10.00	9	.....	.....	1	1	.....	2	1	2	1	1	.....
26	Taunton, Mass	53	13,647	10.00	10.00	895	167	88	135	95	125	72	64	112	14	9	14
27	Utica, N. Y	.....	.....	10.00	10.00	593	116	61	76	108	23	43	105	24	20	5	12
28	Woonsocket, R. I	9	2,618	10.00	10.00	1,149	345	104	149	102	148	93	99	37	30	33	9
29	Worcester, Mass	59	19,635	9.82	9.21	56	1	1	1	.....	1	4	15	13	4	1	15
30	All other cities	965	243,555	.....	.....	4,002	983	612	548	359	250	414	270	304	104	72	86

15.—CUTLERY AND EDGE TOOLS—Continued.

1	Total	949	382,629	.....	.....	2,633	220	97	91	318	154	223	334	425	552	109	110
2	Baltimore, Md	.....	.....	9.73	9.67	41	10	1	1	1	1	.....	12	5	8	1	1
3	Boston, Mass	.....	.....	9.00	8.88	53	2	.....	5	2	1	.....	9	17	12	4	1
4	Bridgeport, Conn	64	32,427	10.00	9.75	96	3	.....	15	9	3	14	19	22	6	4	1
5	Brockton, Mass	12	4,884	9.75	9.75	29	.....	1	2	.....	1	1	2	5	14	3	.....
6	Brooklyn, N. Y	.....	.....	9.30	9.20	34	2	.....	2	1	5	4	2	2	14	2	.....
7	Buffalo, N. Y	.....	.....	10.00	10.00	77	2	1	1	.....	4	3	26	19	16	4	1
8	Chicago, Ill	5	3,900	9.33	9.33	177	1	.....	.....	148	1	1	2	2	7	11	4
9	Cincinnati, Ohio	.....	.....	9.50	9.50	37	.....	.....	1	2	1	5	11	10	5	2	.....
10	Dayton, Ohio	.....	.....	10.00	10.00	29	2	4	1	2	1	3	5	5	4	2	.....
11	Evansville, Ind	26	14,352	10.00	10.00	37	5	3	2	2	7	5	4	6	3	.....	.....
12	Grand Rapids, Mich	.....	.....	9.33	9.33	17	1	.....	2	2	1	2	1	5	2	.....	1
13	Haverhill, Mass	.....	.....	8.00	8.00	3	.....	.....	.....	.....	.....	1	.....	.....	2	.....	.....
14	Indianapolis, Ind	13	5,330	9.75	9.75	5	.....	.....	.....	.....	.....	.....	1	.....	4	.....	.....
15	Louisville, Ky	141	24,836	9.33	9.33	72	.....	1	1	33	.....	6	7	15	5	1	3
16	Lynn, Mass	.....	.....	10.00	10.00	14	.....	.....	.....	.....	.....	.....	4	3	4	1	2
17	Meriden, Conn	97	49,304	10.00	9.67	28	.....	.....	.....	2	.....	1	7	11	6	.....	1
18	Milwaukee, Wis	.....	.....	9.00	8.33	7	1	.....	.....	.....	.....	.....	3	3	.....	.....	.....
19	Newark, N. J	142	64,659	9.80	9.70	264	37	24	4	18	26	10	53	42	26	15	9
20	New Haven, Conn	85	37,425	9.67	9.67	17	.....	.....	1	1	.....	.....	2	1	2	7	3
21	New Orleans, La	.....	.....	9.23	9.23	22	1	.....	3	2	1	1	4	3	5	1	1
22	New York, N. Y	1	208	9.00	9.62	293	9	4	5	10	5	16	24	43	143	19	15
23	Philadelphia, Pa	24	11,932	9.70	9.64	135	8	11	6	3	6	12	12	37	30	5	5
24	Portland, Me	.....	.....	10.00	10.00	5	.....	.....	.....	1	.....	1	2	.....	.....	1	.....
25	Rochester, N. Y	20	5,992	9.50	9.50	89	4	.....	12	12	7	14	20	7	7	2	4
26	St. Louis, Mo	.....	.....	9.11	9.11	83	.....	.....	3	5	1	3	8	1	59	.....	3
27	San Francisco, Cal	.....	.....	9.71	9.71	48	1	1	.....	.....	.....	.....	2	2	40	1	1
28	Syracuse, N. Y	.....	.....	10.00	10.00	9	.....	.....	.....	1	1	.....	3	1	2	1	.....
29	Worcester, Mass	.....	.....	10.00	10.00	76	3	2	.....	2	3	3	17	16	22	8	.....
30	All other cities	319	127,290	.....	.....	836	128	44	24	50	78	117	72	142	104	14	54

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

14.—COTTON GOODS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
52,854	14,997	10,722	12,391	7,398	4,086	2,230	757	236	17	20	.....	8,423	7,930	484	8	1	1
254	224	28	.....	1	.....	.....	.....	.....	1	.....	.....	159	159	.....	.....	.....	2
1,093	468	275	106	244	.....	.....	.....	.....	.....	.....	.....	482	482	.....	.....	.....	3
121	74	10	12	12	5	7	1	.....	.....	.....	.....	1	.....	1	.....	.....	4
61	11	13	14	4	2	5	9	3	.....	.....	.....	.....	.....	.....	.....	.....	5
869	277	189	120	236	33	11	3	.....	.....	.....	.....	294	275	19	.....	.....	6
309	278	26	.....	4	.....	.....	.....	1	.....	.....	.....	7	7	.....	.....	.....	7
8,700	1,718	1,490	1,967	1,315	1,272	769	140	28	1	.....	.....	1,123	930	193	.....	.....	8
465	105	50	52	108	5	145	.....	.....	.....	.....	.....	171	151	20	.....	.....	9
1,457	342	247	485	324	50	8	.....	.....	1	.....	.....	232	232	.....	.....	.....	10
541	206	82	191	60	1	1	.....	.....	.....	.....	.....	250	250	.....	.....	.....	11
2,080	605	503	892	374	206	76	22	.....	2	.....	.....	144	140	4	.....	.....	12
2,410	647	620	647	227	144	99	25	1	.....	.....	.....	119	119	.....	.....	.....	13
1,289	198	257	334	219	220	52	9	.....	.....	.....	.....	397	391	4	1	1	14
7,169	2,942	1,571	1,489	683	347	111	26	.....	.....	.....	.....	438	438	.....	.....	.....	15
5,299	824	1,327	1,369	739	466	304	252	18	.....	.....	.....	221	217	4	.....	.....	16
1,630	281	121	453	629	142	4	.....	.....	.....	.....	.....	171	164	.....	7	.....	17
2,846	479	456	625	541	444	135	157	9	.....	.....	.....	340	280	60	.....	.....	18
134	27	11	25	54	14	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
278	54	43	60	99	1	20	.....	1	.....	.....	.....	1	1	.....	.....	.....	20
1,324	306	350	400	140	78	50	.....	.....	.....	.....	.....	269	265	4	.....	.....	21
344	339	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	170	170	.....	.....	.....	22
3,126	447	662	626	534	270	308	82	107	10	20	.....	518	487	31	.....	.....	23
1,446	296	442	508	157	33	9	1	.....	.....	.....	.....	295	292	3	.....	.....	24
50	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	.....	.....	25
993	279	216	242	168	71	14	3	.....	.....	.....	.....	59	59	.....	.....	.....	26
759	196	51	504	8	.....	.....	.....	.....	.....	.....	.....	139	139	.....	.....	.....	27
1,345	462	210	270	268	113	16	4	2	.....	.....	.....	339	339	.....	.....	.....	28
144	42	50	22	8	11	5	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
5,718	2,870	1,417	928	242	158	78	17	6	2	.....	.....	2,081	1,940	141	.....	.....	30

15.—CUTLERY AND EDGE TOOLS—Continued.

80	41	22	4	2	.....	4	6	.....	.....	.....	1	70	67	3	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
14	5	7	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	7
12	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31	31	.....	.....	.....	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
15	6	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	12	.....	.....	.....	19
3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	22
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	7	7	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
11	.....	.....	1	.....	.....	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	26
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
5	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	9	8	1	.....	.....	30
11	6	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

16.—DYEING AND FINISHING TEXTILES.

	CITIES.	Number of establishments reporting.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.													
			Aggregates.		Officers or firm members actively engaged in the industry or in supervision.						Clerks.					
					Males above 16 years.			Females above 15 years.			Males above 16 years.			Females above 15 years.		
			Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
1	Total	191	11,133	$5,507,012	262	.....	$386,054	2	.....	$1,900	185	.....	$148,348	24	.....	$9,954
2	Brooklyn, N. Y	4	115	59,105	5	$23.47	5,492	.....	.....	.....	8	$16.02	6,663	.....	.....	.....
3	Chicago, Ill	3	21	10,424	4	13.79	2,632	.....	.....	.....	.....	.....	.....	1	$9.62	500
4	Fall River, Mass	3	674	222,398	1	167.82	8,000	.....	.....	.....	4	21.37	4,074	.....	.....	.....
5	Jersey city, N. J	3	26	13,850	3	31.73	2,750	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Lawrence, Mass	4	1,619	463,705	1	57.69	3,000	.....	.....	.....	4	9.62	2,000	1	9.23	480
7	Lowell, Mass	4	294	152,757	3	47.62	6,500	1	$8.03	400	6	25.64	8,000	1	7.69	400
8	New York, N. Y	32	981	640,494	37	32.20	56,656	1	34.62	1,500	16	12.62	10,120	1	7.20	312
9	Paterson, N. J	22	1,266	721,586	29	30.46	44,060	.....	.....	.....	25	15.17	19,081	.....	.....	.....
10	Pawtucket, R. I	9	1,624	453,298	12	38.94	24,300	.....	.....	.....	23	13.69	16,191	8	7.83	3,256
11	Philadelphia, Pa	78	2,710	1,436,627	119	27.06	150,829	.....	.....	.....	50	17.11	42,148	4	9.76	1,830
12	Providence, R. I	6	1,661	733,780	16	54.40	44,315	.....	.....	.....	24	18.87	23,224	3	8.23	1,248
13	All other cities (a)	23	1,342	604,088	32	.....	38,120	.....	.....	.....	25	.....	16,847	5	.....	1,928

a Embraces Allegheny, Pa., 1; Allentown, Pa., 1; Baltimore, Md., 1; Boston, Mass., 1; Camden, N. J., 2; Chelsea, Mass., 1; Cincinnati, Ohio, 1; Cohoes, N. Y., 1; Hoboken, N. J., 1; Lancaster, Pa., 2; Lewiston, Me., 1; Long Island city, N. Y., 2; Malden, Mass., 1; Minneapolis, Minn., 1; Newburg, N. Y., 1; Somerville, Mass., 1; Wheeling, W. Va., 1; Wilmington, Del., 1; Woonsocket, R. I., 1; Worcester, Mass., 1.

17.—FLOURING AND GRIST MILL PRODUCTS.

1	Total	608	11,232	7,237,249	864	.....	1,270,037	1	.....	500	870	.....	801,079	53	.....	25,157
2	Akron, Ohio	4	452	225,207	5	74.52	15,500	.....	.....	.....	15	24.79	15,900	6	8.39	2,100
3	Auburn, N. Y	3	15	8,655	2	14.13	1,255	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Augusta, Ga	3	38	20,374	4	16.66	3,320	.....	.....	.....	8	19.84	7,220	.....	.....	.....
5	Baltimore, Md	11	240	172,548	11	47.55	26,888	.....	.....	.....	43	17.94	39,460	.....	.....	.....
6	Binghamton, N. Y	5	53	31,628	8	18.12	7,500	.....	.....	.....	6	20.77	6,480	1	8.08	420
7	Bloomington, Ill	4	43	28,180	8	16.80	6,624	.....	.....	.....	4	17.87	3,600	.....	.....	.....
8	Boston, Mass	5	39	23,844	6	19.49	5,132	.....	.....	.....	2	16.50	1,680	1	9.80	75
9	Brooklyn, N. Y	5	166	142,480	9	47.18	21,408	.....	.....	.....	14	21.02	15,164	.....	.....	.....
10	Buffalo, N. Y	8	189	114,737	6	30.73	8,790	.....	.....	.....	23	17.78	20,420	.....	.....	.....
11	Canton, Ohio	5	34	18,847	1	20.00	1,040	.....	.....	.....	1	12.02	625	.....	.....	.....
12	Charleston, S. C	7	69	32,144	14	14.42	10,432	.....	.....	.....	10	12.97	6,744	.....	.....	.....
13	Chicago, Ill	16	301	202,259	19	27.09	24,656	.....	.....	.....	27	19.62	27,540	3	13.90	2,168
14	Cincinnati, Ohio	13	105	63,657	18	23.77	19,520	.....	.....	.....	6	14.67	3,972	.....	.....	.....
15	Cleveland, Ohio	6	126	80,476	10	32.86	15,700	.....	.....	.....	11	21.55	11,300	.....	.....	.....
16	Columbus, Ohio	3	27	16,174	4	16.12	2,934	.....	.....	.....	2	20.19	2,100	.....	.....	.....
17	Council Bluffs, Iowa	3	35	17,730	5	24.66	3,900	.....	.....	.....	4	24.59	2,850	.....	.....	.....
18	Dallas, Tex	3	52	45,844	3	36.92	5,600	.....	.....	.....	5	19.78	5,144	.....	.....	.....
19	Davenport, Iowa	3	57	42,820	3	35.29	5,200	.....	.....	.....	12	26.43	15,120	.....	.....	.....
20	Dayton, Ohio	5	87	62,466	16	24.62	10,900	.....	.....	.....	8	15.19	6,120	.....	.....	.....
21	Denver, Colo	5	101	87,496	6	38.35	11,800	.....	.....	.....	9	26.49	12,284	.....	.....	.....
22	Des Moines, Iowa	6	24	14,916	7	15.82	5,450	.....	.....	.....	1	14.45	720	.....	.....	.....
23	Detroit, Mich	9	110	65,891	15	19.32	14,564	.....	.....	.....	5	10.86	2,824	3	7.91	1,200
24	Dubuque, Iowa	3	12	7,042	4	16.63	3,460	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Elmira, N. Y	3	25	14,420	3	17.31	2,700	.....	.....	.....	4	14.02	2,016	.....	.....	.....
26	Erie, Pa	5	72	48,537	13	22.84	15,340	.....	.....	.....	6	16.32	5,020	.....	.....	.....
27	Evansville, Ind	11	166	85,652	20	26.75	21,620	.....	.....	.....	10	21.67	8,450	.....	.....	.....
28	Fort Wayne, Ind	7	63	38,058	15	17.97	13,160	.....	.....	.....	5	10.52	2,600	.....	.....	.....
29	Fort Worth, Tex	4	55	34,591	3	20.84	2,980	.....	.....	.....	4	16.90	3,516	.....	.....	.....
30	Gloucester, Mass	3	6	3,150	3	9.62	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	Grand Rapids, Mich	10	136	82,819	12	28.62	14,450	.....	.....	.....	12	16.47	9,740	2	10.00	1,040
32	Indianapolis, Ind	12	205	100,505	17	19.91	14,885	.....	.....	.....	9	23.46	8,335	1	8.65	300
33	Jackson, Mich	5	58	26,425	7	30.40	6,224	.....	.....	.....	8	13.18	4,068	.....	.....	.....
34	Joliet, Ill	3	23	10,805	5	16.70	3,762	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Kansas city, Mo	6	125	73,941	11	24.85	13,300	.....	.....	.....	11	16.74	9,070	1	11.54	600
36	Kingston, N. Y	3	14	7,696	1	10.00	520	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Lacrosse, Wis	4	94	56,564	.....	.....	.....	.....	.....	.....	6	24.83	7,100	.....	.....	.....
38	Lawrence, Mass	3	58	32,798	2	28.85	3,000	.....	.....	.....	3	10.26	1,600	4	8.71	1,812
39	Lexington, Ky	3	35	24,500	6	22.95	7,160	.....	.....	.....	4	14.13	2,040	.....	.....	.....
40	Los Angeles, Cal	5	93	123,592	14	86.45	62,933	.....	.....	.....	9	24.01	11,235	1	12.00	624
41	Louisville, Ky	8	126	79,266	13	30.73	19,040	.....	.....	.....	19	16.03	14,140	.....	.....	.....
42	Lowell, Mass	3	12	5,373	3	10.85	1,410	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Memphis, Tenn	4	55	40,984	6	27.20	7,484	.....	.....	.....	6	26.49	6,400	.....	.....	.....
44	Milwaukee, Wis	10	370	241,171	20	43.47	39,185	.....	.....	.....	26	25.74	33,680	.....	.....	.....
45	Minneapolis, Minn	25	1,621	1,043,858	58	43.19	105,134	.....	.....	.....	85	27.94	102,446	3	16.96	2,040
46	Mobile, Ala	4	41	11,080	.....	.....	.....	.....	.....	.....	5	9.52	1,568	.....	.....	.....
47	New Albany, Ind	3	27	18,302	7	23.30	8,000	.....	.....	.....	1	10.77	560	.....	.....	.....
48	Newark, N. J	3	22	16,904	4	25.96	5,400	.....	.....	.....	3	13.97	2,180	.....	.....	.....
49	New York, N. Y	9	476	384,211	15	101.41	79,100	.....	.....	.....	28	17.59	25,612	.....	.....	.....
50	Norfolk, Va	3	23	10,220	4	19.12	3,480	.....	.....	.....	1	9.00	468	.....	.....	.....
51	Oakland, Cal	3	46	29,130	4	22.44	3,500	.....	.....	.....	5	21.92	5,700	.....	.....	.....

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

16.—DYEING AND FINISHING TEXTILES.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
8,119	.....	$4,126,639	1,074	.....	$301,660	240	.....	$51,885	859	.....	$345,873	59	.....	$15,664	34	.....	$6,976	1
82	$9.59	40,394	14	$5.00	3,640	.....	.....	.....	6	$9.35	2,916	.....	.....	.....	.....	.....	.....	2
12	12.84	6,456	3	6.00	936	.....	.....	.....	1	9.62	500	.....	.....	.....	.....	.....	.....	3
474	8.09	157,483	89	6.08	21,116	53	$5.25	11,320	35	9.21	14,246	.....	.....	.....	7	$6.29	2,100	4
21	14.26	10,380	.....	.....	.....	.....	.....	.....	2	8.31	720	.....	.....	.....	.....	.....	.....	5
744	9.64	372,800	161	6.15	51,491	.....	.....	.....	100	6.00	31,200	8	$6.57	2,734	.....	.....	.....	6
251	9.62	123,693	18	6.55	5,958	.....	.....	.....	14	10.85	7,806	.....	.....	.....	.....	.....	.....	7
709	14.13	505,380	154	5.24	40,262	7	4.77	1,700	26	12.15	14,800	6	5.42	1,550	5	4.81	1,250	8
1,020	11.03	575,768	41	6.78	14,144	1	2.88	150	89	8.56	38,227	.....	.....	.....	1	3.13	156	9
665	8.90	305,428	154	5.83	46,701	33	3.38	5,797	76	7.62	30,018	.....	.....	.....	.....	.....	.....	10
2,098	10.69	1,075,306	137	5.79	37,507	24	3.44	4,106	216	9.74	99,672	.....	.....	.....	5	4.21	1,004	11
1,105	9.10	510,921	188	5.22	50,144	30	3.36	5,184	213	6.64	71,872	32	5.12	8,304	16	3.00	2,466	12
938	.....	442,630	115	.....	29,671	92	.....	23,628	81	.....	33,796	13	.....	3,076	.....	.....	.....	13

17.—FLOURING AND GRIST MILL PRODUCTS.

5,186	.....	3,194,941	48	.....	14,463	10	.....	1,898	3,922	.....	1,835,269	78	.....	20,470	13	.....	2,650	1
63	14.41	34,825	.....	.....	.....	.....	.....	.....	290	10.02	137,013	69	5.07	17,860	.....	.....	.....	2
10	12.83	6,200	.....	.....	.....	.....	.....	.....	3	8.03	1,200	.....	.....	.....	.....	.....	.....	3
19	8.78	7,534	.....	.....	.....	.....	.....	.....	7	7.17	2,300	.....	.....	.....	.....	.....	.....	4
94	14.19	67,892	.....	.....	.....	.....	.....	.....	78	8.64	34,128	.....	.....	.....	.....	.....	.....	5
26	10.32	13,868	.....	.....	.....	.....	.....	.....	12	5.38	3,360	.....	.....	.....	.....	.....	.....	6
14	13.11	9,116	.....	.....	.....	.....	.....	.....	17	10.52	8,840	.....	.....	.....	.....	.....	.....	7
26	12.57	14,833	.....	.....	.....	.....	.....	.....	4	10.54	2,124	.....	.....	.....	.....	.....	.....	8
84	16.69	72,414	.....	.....	.....	.....	.....	.....	50	11.08	33,443	.....	.....	.....	.....	.....	.....	9
60	14.01	41,699	.....	.....	.....	.....	.....	.....	94	8.64	40,828	.....	.....	.....	.....	.....	.....	10
18	10.98	10,275	.....	.....	.....	.....	.....	.....	6	8.80	2,747	.....	.....	.....	.....	.....	.....	11
22	6.95	7,866	.....	.....	.....	.....	.....	.....	23	5.94	7,102	.....	.....	.....	.....	.....	.....	12
133	13.54	85,215	15	5.69	4,440	.....	.....	.....	99	11.01	56,680	5	6.00	1,560	.....	.....	.....	13
46	13.27	29,003	11	5.03	1,800	.....	.....	.....	24	8.78	9,362	.....	.....	.....	.....	.....	.....	14
51	12.52	30,230	2	4.20	400	.....	.....	.....	51	9.40	22,646	1	4.20	260	.....	.....	.....	15
15	11.27	8,792	.....	.....	.....	.....	.....	.....	6	7.53	2,348	.....	.....	.....	.....	.....	.....	16
9	18.04	5,120	.....	.....	.....	.....	.....	.....	17	11.08	5,860	.....	.....	.....	.....	.....	.....	17
31	17.62	28,100	.....	.....	.....	.....	.....	.....	13	10.36	7,000	.....	.....	.....	.....	.....	.....	18
18	12.38	10,100	.....	.....	.....	.....	.....	.....	23	11.51	12,141	.....	.....	.....	1	4.81	250	19
38	11.81	23,000	.....	.....	.....	.....	.....	.....	25	10.59	13,446	.....	.....	.....	.....	.....	.....	20
29	16.54	24,804	.....	.....	.....	1	6.00	312	56	13.45	38,296	.....	.....	.....	.....	.....	.....	21
14	11.49	7,766	.....	.....	.....	.....	.....	.....	2	9.83	980	.....	.....	.....	.....	.....	.....	22
52	12.06	31,660	.....	.....	.....	.....	.....	.....	35	9.19	15,643	.....	.....	.....	.....	.....	.....	23
8	8.61	3,582	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
8	11.68	4,860	.....	.....	.....	.....	.....	.....	10	7.58	3,944	.....	.....	.....	.....	.....	.....	25
47	10.46	25,527	.....	.....	.....	.....	.....	.....	6	8.80	2,650	.....	.....	.....	.....	.....	.....	26
89	11.29	38,850	.....	.....	.....	1	6.02	300	46	9.16	16,432	.....	.....	.....	.....	.....	.....	27
26	11.63	14,685	1	8.65	375	.....	.....	.....	14	9.76	6,368	.....	.....	.....	.....	.....	.....	28
26	14.54	17,769	.....	.....	.....	.....	.....	.....	22	10.18	10,326	.....	.....	.....	.....	.....	.....	29
3	10.73	1,650	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
96	10.81	50,879	.....	.....	.....	.....	.....	.....	14	9.93	6,710	.....	.....	.....	.....	.....	.....	31
113	11.92	55,357	2	2.88	250	.....	.....	.....	63	9.65	21,378	.....	.....	.....	.....	.....	.....	32
36	11.91	13,514	.....	.....	.....	.....	.....	.....	7	12.03	2,619	.....	.....	.....	.....	.....	.....	33
13	11.51	5,187	.....	.....	.....	2	4.76	330	3	12.58	1,526	.....	.....	.....	.....	.....	.....	34
28	15.42	20,846	.....	.....	.....	.....	.....	.....	49	9.50	22,625	.....	.....	.....	.....	.....	.....	35
11	10.91	6,240	.....	.....	.....	.....	.....	.....	2	9.00	936	.....	.....	.....	.....	.....	.....	36
24	17.99	21,048	.....	.....	.....	.....	.....	.....	64	9.26	28,416	.....	.....	.....	.....	.....	.....	37
4	15.33	3,188	.....	.....	.....	.....	.....	.....	37	9.98	19,198	.....	.....	.....	.....	.....	.....	38
15	12.47	9,726	.....	.....	.....	.....	.....	.....	10	9.00	4,680	.....	.....	.....	.....	.....	.....	39
38	15.05	29,748	.....	.....	.....	.....	.....	.....	31	11.82	19,052	.....	.....	.....	.....	.....	.....	40
23	15.78	16,612	.....	.....	.....	.....	.....	.....	71	9.39	29,474	.....	.....	.....	.....	.....	.....	41
9	10.16	3,963	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
16	19.12	13,400	.....	.....	.....	.....	.....	.....	22	8.99	8,700	.....	.....	.....	.....	.....	.....	43
129	13.77	79,820	.....	.....	.....	.....	.....	.....	156	10.19	77,086	.....	.....	.....	.....	.....	.....	44
1,062	14.45	635,891	.....	.....	.....	.....	.....	.....	412	11.45	198,097	1	9.62	260	.....	.....	.....	45
13	11.27	4,592	.....	.....	.....	.....	.....	.....	23	6.92	4,920	.....	.....	.....	.....	.....	.....	46
15	11.12	8,034	.....	.....	.....	.....	.....	.....	4	8.30	1,708	.....	.....	.....	.....	.....	.....	47
11	12.24	7,004	.....	.....	.....	.....	.....	.....	3	11.54	1,800	.....	.....	.....	.....	.....	.....	48
252	14.70	192,626	8	9.86	4,100	.....	.....	.....	147	9.17	70,117	.....	.....	.....	1	3.00	156	49
8	10.03	3,520	.....	.....	.....	.....	.....	.....	9	6.44	2,596	.....	.....	.....	1	4.00	156	50
19	16.08	9,930	.....	.....	.....	.....	.....	.....	18	12.08	10,000	.....	.....	.....	.....	.....	.....	51

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

16.—DYEING AND FINISHING TEXTILES—Continued.

	CITIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.		AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK.											
		Piecework ers.				Males above 16 years.											
		Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
1	Total	275	$112,059			9,425	769	310	659	1,486	886	1,421	1,432	1,139	615	394	314
2	Brooklyn, N. Y			10.00	10.00	101	6	4	5	13	32	7	6	8	6	9	5
3	Chicago, Ill			9.67	9.67	17						3	2	9	3		
4	Fall River, Mass	11	4,059	10.60	10.00	514	98	20	56	72	100	58	39	16	22	20	13
5	Jersey city, N. J			10.00	10.00	26				1	3		1	16	2	1	2
6	Lawrence, Mass			10.00	10.00	849	151	27	172	208	72	53	45	38	28	54	1
7	Lowell, Mass			10.00	10.00	274	13	7	20	32	62	45	29	28	12	7	19
8	New York, N. Y	19	6,864	9.67	9.73	788	5	6	21	44	55	58	117	166	153	105	58
9	Paterson, N. J	60	30,000	10.02	9.98	1,163	11	22	21	49	59	512	158	132	87	72	40
10	Pawtucket, R. I	53	21,607	10.00	10.00	776	61	34	31	215	94	135	89	59	24	12	22
11	Philadelphia, Pa	57	18,135	9.98	9.98	2,483	134	48	73	145	130	408	701	510	179	68	87
12	Providence, R. I	34	16,102	10.00	10.00	1,358	242	45	124	523	80	68	90	69	38	23	47
13	All other cities	41	15,292			1,076	48	97	136	184	190	74	155	88	61	23	20

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

1	Total	187	70,785			10,842	111	169	392	564	554	1,840	1,994	2,071	1,689	677	781
2	Akron, Ohio	4	2,000	11.00	11.00	373	2	18	15	18	73	57	67	77	21	19	6
3	Auburn, N. Y			11.67	12.33	15			1	1		2	4	2	4	1	
4	Augusta, Ga			10.33	10.00	38	3	10	9	2	1		3	1	1	1	7
5	Baltimore, Md	14	4,180	10.64	10.45	226	3	2	5	10	28	35	52	33	29	9	20
6	Binghamton, N. Y			10.40	10.80	52	3	7	1	3	7	14	1	4	7	2	3
7	Bloomington, Ill			10.25	10.25	43				2	4	9	8	11	5	2	2
8	Boston, Mass			10.40	10.40	38						5	10	12	6	5	
9	Brooklyn, N. Y			10.20	10.20	166	4	4	1		1	9	24	75	23	13	12
10	Buffalo, N. Y	6	3,000	10.25	10.25	183	11	14	1	12	4	25	41	36	20	9	10
11	Canton, Ohio	8	4,160	11.40	10.40	26			1		2	5	14	2	1	1	
12	Charleston, S. C			10.00	10.00	69	10	9	14	7	3	1	9	4	10	2	
13	Chicago, Ill			10.63	10.56	278	1		4		9	24	93	56	49	30	12
14	Cincinnati, Ohio			10.08	10.08	94			1	8	2	16	18	28	13	2	6
15	Cleveland, Ohio			11.17	11.50	123		2	5	3	5	43	23	21	4	9	8
16	Columbus, Ohio			11.00	11.00	27				6		8	4	5	1	1	2
17	Council Bluffs, Iowa			10.67	10.67	35	1				1	7	3	10	3	3	7
18	Dallas, Tex			11.33	11.33	52						9	11	3	14	11	4
19	Davenport, Iowa			10.67	10.67	56			2	1	2	1		35	1		14
20	Dayton, Ohio			11.40	11.40	87			1	1	4	30	8	11	12	9	11
21	Denver, Colo			10.00	10.00	100								56	27	8	9
22	Des Moines, Iowa			10.00	10.00	24				1	3	3	6	4	5	2	
23	Detroit, Mich			10.89	11.00	107		4	1	5	13	26	21	15	13	4	5
24	Dubuque, Iowa			10.00	10.00	12				2	4		2		4		
25	Elmira, N. Y			10.00	10.00	25		1	1	5	1	5	3	3	5	1	
26	Erie, Pa			11.20	11.20	72	1		2	7	4	22	7	9	7	7	6
27	Evansville, Ind			11.27	11.27	165	2	1	2	21	27	35	28	13	9	14	13
28	Fort Wayne, Ind	2	780	10.57	10.14	60			1	4	2	6	24	10	9	2	2
29	Fort Worth, Tex			12.00	12.00	55						22		11	19	2	1
30	Gloucester, Mass			10.00	9.50	6					1	3		2			
31	Grand Rapids, Mich			9.80	9.60	134	3		4	13	10	15	40	23	16	4	6
32	Indianapolis, Ind			11.42	10.58	202	1	1	39	4	5	51	38	19	24	10	10
33	Jackson, Mich			11.40	11.75	58		1		4	4	19	5	5	15	3	2
34	Joliet, Ill			10.33	10.33	21						2	7	7	2	3	
35	Kansas city, Mo	25	7,500	10.33	10.33	99				5	1	44	12	6	15	7	9
36	Kingston, N. Y			10.00	10.00	14					1	4	6	1	2		
37	Lacrosse, Wis			11.00	11.00	94				24	10	13	15	7	16	8	1
38	Lawrence, Mass	8	4,000	10.67	10.67	46				8	1	22	6	5	2	1	1
39	Lexington, Ky			10.33	10.33	35	2	1	2	3		10		4	1	10	2
40	Los Angeles, Cal			10.00	10.00	92			1			2	1	48	17	3	20
41	Louisville, Ky			10.88	10.88	126	2	3	3	7	20	27	18	15	15	5	11
42	Lowell, Mass			10.00	10.00	12				1	1	4	2	2	2		
43	Memphis, Tenn	5	5,000	11.25	10.88	50				4		22	1	3	1	2	17
44	Milwaukee, Wis	39	11,400	11.40	11.40	331	2	3	5	16	3	75	95	28	42	20	42
45	Minneapolis, Minn			10.92	10.87	1,617				1	36	66	389	509	407	77	132
46	Mobile, Ala			10.00	9.75	41	1	1	15	8		1	6	8	1		
47	New Albany, Ind			12.33	12.33	27	1			7		1	3	6	6	1	2
48	Newark, N. J	1	520	10.00	10.00	21						1	8	6	3	2	1
49	New York, N. Y	25	12,500	9.83	9.83	442	1	3	5	15	9	110	58	50	145	22	24
50	Norfolk, Va			12.00	12.00	22		2	5	3	2	2	3	1	3	1	
51	Oakland, Cal			10.67	10.67	46				2			7	13	13	7	4

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

16.—DYEING AND FINISHING TEXTILES—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
1,159	384	276	330	83	37	35	12		1		1	274	224	13	19	18	1
14	7		7														2
4		1	2			1											3
89	54	9	9	4	3	10						60	43		17		4
																	5
170	33	65	69	2		1											6
20	3	5	6	3	1	2											7
102	95	13	30	2	6	6	9				1	12	9	3			8
41	3	9	6	5	12	5	1					2	2				9
102	28	13	72	45		4						33	33				10
141	38	36	52	8	5	1	1					29	26	1	2		11
223	65	88	50	5	9	4	1		1			46	46				12
133	58	37	27	9	1	1						92	65	9		18	13

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

180	24	82	16	2	13	17	12	7	6		1	23	18	2	3		1
75		69	1		2	3											2
																	3
																	4
																	5
1					1												6
																	7
1						1											8
																	9
																	10
																	11
																	12
23	11	3	5			2			2								13
11	6	5															14
3	3																15
																	16
																	17
																	18
												1	1				19
																	20
												1			1		21
																	22
3		1	1				1										23
																	24
																	25
																	26
												1			1		27
1					1												28
																	29
																	30
2					1			1									31
3	2				1												32
																	33
												2	1		1		34
1							1										35
																	36
																	37
4			1			3											38
																	39
1								1									40
																	41
																	42
																	43
																	44
4						1	2				1						45
																	46
																	47
																	48
8					3	1	2	2				1	1				49
												1	1				50
																	51

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
52	Omaha, Neb	3	14	$9,516	3	$17.67	$2,756				1	$15.00	$780			
53	Oshkosh, Wis	5	22	11,420	1	19.23	1,000									
54	Oswego, N. Y	6	74	45,051	12	18.59	11,600				6	15.71	4,900			
55	Peoria, Ill	7	59	37,402	9	18.16	8,500	1	$9.62	$500	3	18.84	2,816	1	$15.38	$800
56	Petersburg, Va	4	51	22,838	8	16.26	6,660				3	8.19	1,260			
57	Philadelphia, Pa	23	131	80,142	22	19.46	20,917				5	12.68	2,966			
58	Pittsburg, Pa	3	94	78,950	9	27.99	13,100				9	21.79	10,200	1	8.65	450
59	Portland, Me	3	16	9,442	5	17.38	4,180				1	16.35	850			
60	Quincy, Ill	5	103	63,505	6	28.26	8,205				4	20.44	3,542	1	12.00	520
61	Richmond, Va	4	180	94,025	9	40.33	18,300				11	15.05	8,150			
62	Rochester, N. Y	17	231	161,480	28	35.39	46,001				17	13.30	11,698	3	9.21	1,436
63	Rockford, Ill	3	38	21,023	3	22.78	3,060				1	17.31	900			
64	Sacramento, Cal	3	73	61,341	9	27.80	12,530				9	25.00	11,050			
65	Saginaw, Mich	4	73	30,939	3	48.58	4,000				5	17.78	2,850			
66	St. Joseph, Mo	5	123	70,284	9	24.11	10,815				19	15.35	14,200	1	12.59	600
67	St. Louis, Mo	20	763	559,877	38	48.16	83,000				69	21.73	71,404	5	11.37	2,760
68	St. Paul, Minn	3	49	19,788	3	19.44	758				7	19.62	4,250			
69	San Francisco, Cal	11	218	194,684	14	44.74	32,380				20	21.50	22,355	2	14.04	1,400
70	Savannah, Ga	3	19	8,064	2	25.00	2,600				1	10.00	520			
71	Scranton, Pa	5	54	35,263	3	28.72	4,480				6	19.94	6,220			
72	Sioux city, Iowa	3	41	32,620	4	25.96	5,400				6	19.81	6,180			
73	South Bend, Ind	3	26	14,128												
74	Springfield, Mo	6	58	29,809	7	28.30	9,075				3	19.43	2,400			
75	Terre Haute, Ind	12	236	98,750	15	21.13	9,429				9	21.09	7,425	1	5.13	200
76	Toledo, Ohio	8	152	79,515	7	32.66	11,748				8	16.74	5,548	3	10.83	1,220
77	Topeka, Kan	8	124	86,424	12	37.27	19,500				8	17.36	6,960	1	9.62	500
78	Trenton, N. J	5	38	23,972	5	25.00	6,500				1	10.00	520			
79	Troy, N. Y	3	46	30,522	3	44.17	6,700				4	21.15	4,400			
80	Utica, N. Y	3	39	27,232	7	24.74	8,900				4	20.87	4,340			
81	Washington, D. C	6	149	85,718	6	39.91	11,500				19	16.56	15,718			
82	Wichita, Kan	6	46	34,286	12	22.56	12,320				3	14.90	2,324			
83	Wilkesbarre, Pa	3	29	14,690	3	17.00	2,210				2	11.54	1,050			
84	Wilmington, N. C	4	33	12,389	5	17.69	3,067				4	13.62	2,242			
85	Worcester, Mass	3	22	13,147	4	19.74	3,250				1	13.46	700			
86	Zanesville, Ohio	5	35	18,097	4	16.06	3,340				2	15.38	1,600			
87	All other cities (a)	96	1,351	840,525	124		166,356				113		82,060	8		2,323

a Embraces Albany, N. Y., 2; Allegheny, Pa., 1; Altoona, Pa., 2; Atlanta, Ga., 2; Bay city, Mich., 2; Birmingham, Ala., 1; Bridgeport, Conn., 2; Brockton, Mass., 1; Burlington, Iowa, 2; Camden, N. J., 1; Chattanooga, Tenn., 1; Cohoes, N. Y., 1; Covington, Ky., 2; Duluth, Minn., 2; Elizabeth, N. J., 1; Fall River, Mass., 2; Fitchburg, Mass., 2; Galveston, Tex., 2; Harrisburg, Pa., 1; Hartford, Conn., 2; Haverhill, Mass., 2; Holyoke, Mass., 2; Jersey city, N. J., 2; Johnstown, Pa., 1; Kansas city, Kan., 1; Knoxville, Tenn., 2; Lancaster, Pa., 1; Lewiston, Me., 2; Lincoln, R. I., 1; Long Island city, N. Y., 1; Lynn, Mass., 2; Macon, Ga., 2;

18.—FOUNDRY AND MACHINE SHOP PRODUCTS.

1	Total	3,847	181,812	111,775,881	6,006		9,390,949	30		26,214	5,362		4,893,985	376		182,500
2	Akron, Ohio	13	665	391,134	22	27.35	28,310				11	17.76	9,425	3	6.91	749
3	Albany, N. Y	20	1,058	644,758	32	37.58	58,464				32	20.85	30,263	1	4.81	250
4	Allegheny, Pa	20	1,264	674,161	43	34.92	70,966	1	12.00	624	39	19.16	34,702	1	10.00	520
5	Allentown, Pa	15	499	244,105	18	29.70	26,186				8	17.64	6,650	2	5.31	552
6	Atlanta, Ga	14	622	309,174	18	23.69	20,330				19	22.20	21,354	1	12.00	624
7	Auburn, N. Y	4	205	132,185	6	22.56	7,040				6	15.38	4,800			
8	Baltimore, Md	65	3,436	1,837,450	93	29.14	134,294				115	15.99	91,749	6	5.96	1,848
9	Bay city, Mich	9	323	198,766	18	26.60	24,320				12	15.74	9,736	1	10.00	520
10	Binghamton, N. Y	13	188	118,043	19	24.23	21,469									
11	Birmingham, Ala	9	352	214,454	19	28.36	27,280				10	18.73	9,740	1	9.23	480
12	Bloomington, Ill	6	181	103,199	7	25.78	7,735				8	21.35	7,600			
13	Boston, Mass	179	4,723	3,315,242	224	29.00	330,657	1	12.59	600	190	19.96	196,130	19	10.93	10,512
14	Bridgeport, Conn	19	1,257	717,655	33	32.77	55,808				40	17.49	35,886	4	9.96	2,050
15	Brockton, Mass	11	86	59,111	14	20.11	13,336				1	6.92	360			
16	Brooklyn, N. Y	170	7,827	5,686,974	258	41.30	546,948				283	22.50	326,430	10	10.71	5,570
17	Buffalo, N. Y	63	4,756	2,509,105	100	34.40	172,442				152	17.73	134,188	21	8.69	9,462
18	Burlington, Iowa	5	241	148,100	9	33.28	15,000				6	19.35	5,200			
19	Cambridge, Mass	15	1,075	704,081	16	33.59	27,440				49	22.20	56,750	1	4.81	250
20	Camden, N. J	13	1,068	613,172	23	28.04	32,808				12	14.99	9,355			
21	Canton, Ohio	9	280	174,377	13	18.51	11,791				10	10.38	5,400	2	7.69	800
22	Charleston, S. C	4	227	139,788	12	27.82	17,360				1	13.85	720			
23	Chattanooga, Tenn	14	627	300,908	24	26.58	32,772				12	13.47	8,377			
24	Chelsea, Mass	5	341	217,999	11	43.94	23,800				6	21.53	6,250	1	15.00	780
25	Chester, Pa	6	537	323,985	11	27.25	15,588				10	17.92	9,318	2	9.77	1,016
26	Chicago, Ill	213	13,130	7,797,613	353	30.36	543,452	3	10.26	1,600	476	17.90	438,621	38	12.72	24,688
27	Cincinnati, Ohio	126	5,699	3,414,193	232	28.43	338,252				207	15.37	163,854	20	9.74	10,128
28	Cleveland, Ohio	102	7,424	4,057,613	206	32.84	333,013				198	16.91	168,909	14	8.29	6,035
29	Cohoes, N. Y	8	165	105,191	7	22.59	6,950				3	15.41	2,404			
30	Columbus, Ohio	24	1,299	734,514	33	33.75	56,457				54	16.95	46,848	3	6.67	1,040
31	Council Bluffs, Iowa	3	35	23,325	4	19.93	4,080									

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
5	$13.80	$3,588							5	$9.20	$2,392							52
16	9.93	8,264							5	8.29	2,156							53
36	10.17	19,043							20	9.14	9,508							54
27	12.25	16,400							18	9.35	8,386							55
19	9.59	9,200							21	5.28	5,718							56
77	11.19	43,815	1	$6.00	$312				25	9.55	11,924				1	$4.00	$208	57
64	14.78	49,200							11	10.49	6,000							58
8	8.84	3,372							2	10.00	1,040							59
71	13.37	42,748							21	8.99	8,490							60
114	8.63	50,775							43	7.73	16,300				3	3.42	500	61
75	13.18	48,818							108	9.67	53,536							62
22	12.41	12,048							12	9.53	5,015							63
27	15.01	21,241							28	12.54	16,520							64
20	17.52	9,644							45	10.74	14,445							65
21	16.89	17,689							51	9.34	23,220							66
371	15.03	258,697							278	10.69	143,476				2	5.42	540	67
30	13.92	12,550							9	10.29	2,230							68
57	17.65	49,259	1	5.45	260	2	$3.91	$390	120	14.10	87,980	2	$5.77	$600				69
8	8.44	3,512							8	5.61	2,332							70
24	11.71	14,561	1	5.77	300				20	9.37	9,702							71
19	15.28	15,100							12	9.52	5,940							72
22	11.73	11,416	1	6.00	312				1	11.54	600							73
20	12.57	11,462							22	8.03	6,872							74
105	12.16	45,904							106	8.18	35,792							75
90	10.79	45,957							41	8.68	14,442							76
46	17.35	31,496							57	10.07	27,968							77
31	10.35	16,692							1	5.00	260							78
6	11.62	3,500							33	9.40	15,022							79
17	11.23	9,880							9	7.28	3,362							80
38	15.14	28,020							86	7.16	30,480							81
23	13.81	15,974							8	8.82	3,668							82
16	10.37	7,546							8	9.96	3,884							83
14	10.43	4,340							8	6.70	2,700				1	4.62	240	84
11	11.54	6,102							6	11.52	3,095							85
19	10.32	8,851	1	4.81	250				9	8.67	4,056							86
597		369,908	4		1,664	4		566	478		217,013				3		600	87

Manchester, N. H., 2; Montgomery, Ala., 1; Muskegon, Mich., 1; Nashville, Tenn., 2; New Bedford, Mass., 1; Newburg, N. Y., 1; New Orleans, La., 1; Newport, Ky., 1; Paterson, N. J., 2; Pawtucket, R. I., 1; Portland, Ore., 2; Poughkeepsie, N. Y., 1; Providence, R. I., 2; Racine, Wis., 1; Reading, Pa., 1; Salt Lake, Utah, 2; San Antonio, Tex., 2; Somerville, Mass., 1; Springfield, Ill., 2; Springfield, Mass., 2; Springfield, Ohio, 2; Syracuse, N. Y., 2; Tacoma, Wash., 2; Taunton, Mass., 1; Waterbury, Conn., 1; Wheeling, W. Va., 1; Wilmington, Del., 1; Williamsport, Pa., 2; Woonsocket, R. I., 2; Youngstown, Ohio, 2.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS.

113,574		71,271,550	541		157,658	470		99,800	36,645		15,240,509	122		32,029	461		87,627	1
									132	7.13	48,260							2
461	12.11	276,890							109	8.24	45,427				3	4.20	600	3
781	13.04	469,165	8	5.63	2,340				244	7.77	81,398							4
819	12.33	419,249							210	6.98	67,232				2	4.62	380	5
259	10.75	143,105							117	6.17	34,415				7	2.95	768	6
460	10.15	231,683																7
174	12.55	113,577				3	4.00	624	16	7.38	6,144							8
2,017	11.32	1,154,552				1	2.00	104	791	7.32	298,156				27	4.14	5,762	9
224	12.02	138,117							68	7.41	26,073							10
105	11.52	95,574	1	7.69	400	3	3.85	600							2	4.50	468	11
122	15.84	99,230				10	2.88	1,500	129	6.67	44,580							12
47	11.35	23,064							50	11.92	28,300							13
3,480	12.95	2,318,565	10	5.94	3,091	2	5.77	600	633	9.01	294,235	1	2.60	135	1	3.00	156	14
547	12.13	342,686							346	8.32	145,435	1	5.77	300	68	4.25	14,410	15
63	14.02	41,433	1	3.00	156	1	1.25	27	2	5.14	535							16
5,240	13.49	3,651,795	11	4.20	2,392	2	3.94	410	1,161	9.70	578,296	21	4.00	4,368				17
2,293	11.01	1,281,803	1	12.00	624				697	8.22	276,092	6	4.00	1,248	8	3.00	438	18
116	15.02	79,300							93	8.04	32,700							19
967	11.95	599,296							42	9.32	20,345							20
424	14.13	310,137							573	7.90	235,366				1	4.00	208	21
184	10.63	109,315							15	8.91	6,835							22
183	11.16	106,168							28	10.33	15,040							23
220	12.03	136,859							321	6.31	105,065				10	3.35	1,736	24
131	14.38	92,417							17	9.84	8,061							25
396	12.04	247,995	1	5.77	300				97	7.62	38,438							26
8,111	11.05	4,624,458	25	5.71	6,436	93	4.12	19,864	2,694	9.84	1,359,140	9	5.47	2,080	28	4.44	5,820	27
															3	4.67	728	28
4,003	11.34	2,333,189	2	7.00	728	6	2.92	910	880	7.66	345,473				10	3.69	1,918	29
4,372	10.58	2,356,825	63	3.93	12,873	61	4.02	12,469	1,186	8.30	498,922	5	3.37	877				30
136	12.00	84,688							13	7.55	5,105				16	3.82	3,057	31
732	11.62	437,226	2	8.33	866				340	7.12	127,220							
31	12.57	19,245																

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
52	Omaha, Neb			10.33	11.00	14				2	1		2	3	4	1	1
53	Oshkosh, Wis			10.20	10.40	22	1		1	5	4	3	4	1	3		
54	Oswego, N. Y			10.00	9.83	74		3	2	5	19	7	8	12	12	3	3
55	Peoria, Ill			10.20	10.00	57	1			4	3	17	13	5	6	4	4
56	Petersburg, Va			12.00	12.00	51	7	8	6		13	5		5	4	3	
57	Philadelphia, Pa			10.20	10.20	129		3	4	6	7	23	22	35	18	7	4
58	Pittsburg, Pa			10.67	10.67	93				1		13	34	12	8	20	5
59	Portland, Me			10.00	10.00	16			4			2	3	2	3	2	
60	Quincy, Ill			11.80	11.40	102	1	2	1	2	2	31	19	21	10	8	5
61	Richmond, Va			11.50	11.50	177	9	3	61	35	14	8	6	5	24	2	10
62	Rochester, N. Y			10.59	10.59	228	1	1		9	6	76	50	30	28	3	24
63	Rockford, Ill			10.00	10.00	38				2	1	11	14	4	4		2
64	Sacramento, Cal			10.00	10.00	73							2	36	8	10	17
65	Saginaw, Mich			10.00	10.00	73			2	1		20	12	21	7	6	4
66	St. Joseph, Mo	22	$3,760	11.20	11.20	100	3	10				39	5	2	25	9	7
67	St. Louis, Mo			11.20	11.20	756	6	5	8	15	18	134	200	142	81	83	61
68	St. Paul, Minn			11.00	10.00	49						4	9	21	7	7	1
69	San Francisco, Cal			10.41	10.23	211			2	4	1	5	15	55	79	17	33
70	Savannah, Ga			9.33	9.33	10	2	6	2	3			3			1	2
71	Scranton, Pa			10.00	10.40	53	2		1		2	14	16	12	2	1	3
72	Sioux city, Iowa			11.67	11.00	41						14	2	11	7	3	4
73	South Bend, Ind	2	1,800	9.75	9.75	23					2	5	8	6	2		
74	Springfield, Mo			10.83	10.50	58	1		3	11	5	13	5	3	6	5	6
75	Terre Haute, Ind			11.17	11.08	235	5	2	10	67	23	25	28	34	25	8	8
76	Toledo, Ohio	3	600	10.38	10.88	146			3	16	13	52	44	8	5	2	3
77	Topeka, Kan			11.13	11.13	123		1	1			52	9	22	9	13	16
78	Trenton, N. J			12.40	12.40	38		2			1	13	4	13		2	3
79	Troy, N. Y			10.67	10.67	46				8		15	10	2	5	3	3
80	Utica, N. Y	2	750	10.00	10.00	37	3		1		2	4	8	8	3	2	6
81	Washington, D. C			12.00	11.33	149	1	7	8	43	23	5	12	16	12	11	11
82	Wichita, Kan			10.33	10.33	46	1				9	6	3	8	9	6	4
83	Wilkesbarre, Pa			9.33	9.33	29		2	2	2		8	5	6	3	1	
84	Wilmington, N. C	1	300	10.75	10.25	31			13	1	1	2	3	4	4	3	
85	Worcester, Mass			10.00	10.00	22						5	9	2	3	3	
86	Zanesville, Ohio			10.00	10.00	34	1		1	2	12	2	2	7	7		
87	All other cities	20	8,535			1,312	12	27	109	76	68	294	201	182	183	73	87

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

1	Total	18,225	10,393,051			161,587	7,010	3,793	7,523	12,020	11,832	20,234	19,561	34,277	33,186	6,462	5,604
2	Akron, Ohio	36	27,500	10.15	10.00	626	23	27	7	26	70	111	39	212	83	16	12
3	Albany, N. Y	92	38,249	9.00	9.80	954	24	12	9	22	30	180	34	402	117	16	108
4	Allegheny, Pa	117	66,702	9.65	9.55	1,145	107	20	31	20	121	265	68	157	286	32	38
5	Allentown, Pa			10.00	9.97	495	24	1	36	157	26	23	120	59	31	7	11
6	Atlanta, Ga			10.00	9.00	614	24	17	109	126	37	59	25	49	128	23	17
7	Auburn, N. Y			10.00	10.00	202	4		7	19	20	11	22	84	32	1	2
8	Baltimore, Md	386	150,985	9.93	9.83	3,016	290	116	69	247	549	189	240	791	388	66	71
9	Bay city, Mich			10.00	9.83	322	10	1	10	60	11	28	58	91	35	7	11
10	Binghamton, N. Y			10.00	9.92	184	4	2	7	9	5	29	11	75	20	10	12
11	Birmingham, Ala	59	31,176	10.11	9.78	280	8	11	37	71	6	3	3	27	90	12	12
12	Bloomington, Ill	60	36,500	10.00	9.50	112	5			11	20	22	5	15	21	6	7
13	Boston, Mass	162	160,561	9.85	9.78	4,527	111	95	124	88	250	543	523	942	1,438	203	210
14	Bridgeport, Conn	218	121,080	9.95	9.95	966	21	36	58	88	77	165	94	227	149	23	28
15	Brockton, Mass	4	3,264	9.86	9.86	80	3	2	2	1	1	2	2	24	34	3	6
16	Brooklyn, N. Y	841	570,765	9.87	9.81	6,942	193	124	158	139	235	677	949	1,463	2,267	377	360
17	Buffalo, N. Y	1,483	629,808	9.95	9.87	3,242	178	56	112	260	366	524	465	728	360	76	117
18	Burlington, Iowa	17	15,900	10.20	10.00	224	16		8	8	49	22	14	42	49	10	6
19	Cambridge, Mass			9.80	9.53	1,074	6	14	19	10	6	40	94	714	112	20	39
20	Camden, N. J	35	25,298	9.69	9.69	1,032	47	13	21	65	227	136	152	210	118	19	24
21	Canton, Ohio	56	49,236	10.00	9.67	222	3	2	4	33	25	43	37	55	14		6
22	Charleston, S. C	3	500	10.00	10.00	224	11	2	10	5	5	13	70	65	20	8	6
23	Chattanooga, Tenn	40	16,099	9.86	9.75	577	13	25	272	48	3	17	20	48	103	15	13
24	Chelsea, Mass	175	86,691	10.00	10.00	165		3	1	2	4	28	27	32	48	5	15
25	Chester, Pa	20	11,280	10.00	10.00	514	16	36	5	61	58	23	50	141	92	15	17
26	Chicago, Ill	1,300	771,454	9.94	9.88	11,634	153	113	573	155	407	1,895	1,563	2,678	3,219	525	353
27	Cincinnati, Ohio	346	220,931	9.87	9.85	5,322	414	231	276	312	464	488	622	1,297	934	127	157
28	Cleveland, Ohio	1,309	605,772	9.20	9.24	5,962	266	69	408	520	773	1,209	690	1,086	664	109	172
29	Cohoes, N. Y	6	6,044	10.00	10.00	159	5	1	8	15	5	9	13	54	41	4	4
30	Columbus, Ohio	110	61,800	9.81	9.69	1,168	145	18	36	166	118	97	104	301	114	39	30
31	Council Bluffs, Iowa			10.00	10.00	35	1				9		1	3	20		1

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

17.—FLOURING AND GRIST MILL PRODUCTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
																	52
																	53
																	54
2						1			1								55
																	56
1			1									1	1				57
1					1												58
																	59
1								1									60
												3	3				61
3					1	1	1										62
																	63
																	64
																	65
1								1									66
5				1			2	1	1			2		2			67
																	68
5		2	1			1			1			2	2				69
																	70
1		1															71
																	72
1			1														73
																	74
1		1															75
3					1	1			1								76
1						1											77
																	78
																	79
																	80
																	81
																	82
																	83
												1	1				84
																	85
1	1																86
12	1		5	1	1	1	3					7	7				87

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

1,069	235	219	167	77	77	74	92	77	34	9	8	931	790	63	38	40	1
3		2				1											2
9	1	4	3	1								3	3				3
2							1	1									4
2		2										2	2				5
1								1				7	7				6
												3	3				7
6	1	1	2	2								28	28				8
1							1										9
1				1								3	3				10
1						1						12	12				11
																	12
31	2	4	5	1	1	3	10	3	1	1		3	1	2			13
5		1		2		1		1				68	68				14
1	1											1	1				15
42	31	4	1				1	3	1	1		2	1	1			16
28	8	3	1		1	2	11	2				3	3				17
																	18
1	1																19
												1	1				20
2		1				1											21
																	22
												10	10				23
1									1								24
3		1			1		1										25
75	8	18	7	1	6	3	8	17	3	4		121	77	30	14		26
22	2		2		4	3	6	5				9	8			1	27
82	59		11	5	3	2	1	1				71	62	2	7		28
																	29
5		2			2		1					16	7	9			30
																	31

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

	CITIES.	Number of establishments reporting.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS.													
			Aggregates.		Officers or firm members actively engaged in the industry or in supervision.						Clerks.					
					Males above 16 years.			Females above 15 years.			Males above 16 years.			Females above 15 years.		
			Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
32	Covington, Ky	9	168	$85,468	14	$21.52	$15,250				5	$17.84	$3,672			
33	Dallas, Tex	7	129	88,125	8	25.20	8,627				3	18.85	2,940			
34	Davenport, Iowa	8	171	97,957	12	25.52	15,151				40	20.94	42,780	4	$7.10	$1,476
35	Dayton, Ohio	26	1,212	773,294	58	28.37	80,780				15	22.35	17,430	1	12.00	624
36	Denver, Colo	17	540	450,194	27	33.40	46,032	1	$46.15	$2,400						
37	Des Moines, Iowa	13	267	166,931	20	22.37	23,188				10	10.89	5,664			
38	Detroit, Mich	57	4,823	2,670,062	110	31.94	180,046	2	11.00	1,144	155	17.84	139,677	11	9.67	5,450
39	Dubuque, Iowa	8	294	167,227	15	30.17	23,400				8	15.59	6,350	2	7.69	800
40	Duluth, Minn	3	64	46,703	2	24.42	2,540				1	11.54	600	1	15.00	780
41	Elizabeth, N. J	10	662	464,176	19	54.61	52,300				15	16.10	12,280	1	10.49	500
42	Elmira, N. Y	6	276	165,718	13	34.75	22,360				15	13.68	10,668			
43	Erie, Pa	24	2,394	1,466,458	45	36.30	83,062				62	19.49	61,094	8	10.20	4,198
44	Evansville, Ind	13	662	359,432	30	27.95	41,300				35	15.56	27,104	1	11.54	600
45	Fall River, Mass	20	325	328,458	24	23.58	29,428	1	8.65	450	2	14.23	1,480			
46	Fitchburg, Mass	23	706	458,386	34	33.90	57,292				9	11.11	5,200	2	9.82	1,000
47	Fort Wayne, Ind	8	972	478,326	15	18.93	14,068	2	26.37	2,400	10	16.34	7,860			
48	Galveston, Tex	6	69	55,789	8	23.56	9,800									
49	Gloucester, Mass	5	23	11,714	4	15.60	2,383									
50	Grand Rapids, Mich	18	558	322,106	29	28.29	41,620				25	14.26	17,946	4	4.97	1,022
51	Harrisburg, Pa	5	167	84,330	9	23.72	11,100				3	20.50	3,198	2	8.00	832
52	Hartford, Conn	17	1,427	939,638	29	40.34	59,524				26	12.60	16,928	2	11.54	1,200
53	Haverhill, Mass	8	96	65,163	8	18.97	7,460				6	14.23	4,439	1	7.00	364
54	Hoboken, N. J	6	234	185,564	6	42.63	13,300				2	28.85	3,000			
55	Holyoke, Mass	13	837	530,418	30	26.89	41,888				47	22.39	54,618	1	9.23	480
56	Houston, Texas	4	96	58,069	6	31.44	9,400				1	9.62	500	2	8.65	900
57	Indianapolis, Ind	31	1,434	809,023	62	27.41	87,822				42	16.78	36,598	11	8.51	4,866
58	Jackson, Mich	10	266	123,030	15	16.86	12,473				20	13.27	12,650	4	8.14	1,579
59	Jersey city, N. J	33	975	675,700	52	26.17	68,437				32	18.71	30,158			
60	Joliet, Ill	7	173	105,585	7	17.01	5,970				3	17.31	2,700	1	10.10	525
61	Kansas city, Kan	6	488	323,943	15	29.45	22,560				6	12.81	3,940			
62	Kansas city, Mo	21	374	272,448	32	25.55	40,630				5	19.55	4,850	4	10.48	2,100
63	Kingston, N. Y	3	71	42,072	3	25.64	4,000				1	17.85	928			
64	Knoxville, Tenn	12	265	136,487	17	25.29	21,640				3	21.79	3,400			
65	Lacrosse, Wis	5	78	43,585	1	24.00	1,248				1	7.50	390	1	9.06	432
66	Lancaster, Pa	17	375	178,365	23	17.57	20,630	1	3.85	200	11	10.89	6,205	1	4.81	250
67	Lawrence, Mass	25	776	454,948	23	31.67	37,608				9	15.49	7,050	1	8.00	416
68	Lexington, Ky	3	21	13,220	5	17.07	4,400				1	8.08	420			
69	Lewiston, Me	5	193	108,501	8	24.26	9,986				2	7.69	800			
70	Lincoln, R. I	6	36	16,029	5	19.20	3,495									
71	Little Rock, Ark	4	115	80,580	5	23.08	6,000	1	15.00	780	8	20.43	8,500	1	11.54	600
72	Long Island city, N. Y.	7	420	232,796	7	68.79	25,040				10	19.23	10,000			
73	Los Angeles, Cal	10	172	128,933	15	26.37	17,797				4	14.71	3,060			
74	Louisville, Ky	32	2,315	1,334,947	61	35.85	103,763				60	16.94	50,600	6	11.10	3,342
75	Lowell, Mass	43	2,493	1,336,479	56	29.13	84,103				33	20.48	35,152	7	9.12	3,310
76	Lynn, Mass	28	426	285,295	41	17.62	36,812	1	14.42	750	5	13.00	3,380	2	6.37	662
77	Macon, Ga	5	173	95,390	8	16.92	7,000									
78	Manchester, N. H	11	633	268,616	16	35.04	27,862	1	19.23	1,000	13	18.53	11,365			
79	Memphis, Tenn	8	718	406,832	12	34.01	21,222				14	19.12	13,670	3	11.67	1,770
80	Meriden, Conn	8	716	370,310	15	45.07	34,030				11	16.60	9,100			
81	Milwaukee, Wis	44	3,263	1,736,352	82	33.37	129,623				62	19.02	60,249	7	10.76	3,544
82	Minneapolis, Minn	36	733	509,280	65	22.13	69,869				29	21.61	31,584	1	12.00	624
83	Mobile, Ala	5	111	61,350	4	23.56	4,900				1	20.77	1,080			
84	Montgomery, Ala	3	72	47,230	6	26.65	8,200				3	16.05	2,400			
85	Muskegon, Mich	5	105	68,159	11	21.87	12,508				2	17.31	1,800			
86	Nashville, Tenn	8	428	239,408	14	28.66	20,800				44	17.66	40,395			
87	New Albany, Ind	6	279	140,211	9	21.51	9,320				2	14.99	1,299			
88	Newark, N. J	74	2,246	1,403,500	113	29.31	162,914				49	17.16	42,842	6	8.74	2,728
89	New Bedford, Mass	15	209	126,306	23	19.44	23,168				7	10.52	3,828	6	5.45	1,700
90	Newburg, N. Y	4	387	241,460	5	40.00	10,400				9	25.25	11,818			
91	New Haven, Conn	25	833	567,213	50	32.06	83,146	1	9.03	450	22	16.18	18,478	4	9.86	2,050
92	New Orleans, La	34	1,077	721,879	50	34.53	86,793	1	15.00	780	45	14.95	34,260	2	8.37	870
93	Newport, Ky	3	405	191,873	6	87.55	21,625				5	24.42	5,820			
94	Newton, Mass	3	224	122,926	9	22.68	10,613									
95	New York, N. Y	343	10,381	8,088,047	466	35.01	835,696	1	23.08	1,200	378	20.09	389,239	8	9.20	3,826
96	Norfolk, Va	7	173	106,251	9	22.73	9,901				7	12.97	4,720			
97	Oakland, Cal	6	86	71,631	12	19.43	11,304				1	4.73	200			
98	Omaha, Neb	10	321	255,334	21	33.67	36,620				1	19.23	1,000	2	7.36	765
99	Oshkosh, Wis	12	142	90,269	11	22.24	12,431				2	24.37	2,534	1	3.46	180
100	Oswego, N. Y	7	286	126,901	13	20.00	11,700				5	17.31	4,500			
101	Paterson, N. J	29	3,051	1,716,801	43	29.45	63,226				46	15.41	36,461	1	7.50	390
102	Pawtucket, R. I	13	740	425,901	32	25.82	42,820				6	16.99	5,300	1	3.46	180
103	Peoria, Ill	14	291	187,321	24	23.99	27,236	1	11.54	600	13	18.49	11,300	3	8.73	1,210
104	Petersburg, Va	5	150	69,168	8	17.10	7,004				4	12.29	2,530			
105	Philadelphia, Pa	345	17,422	11,133,324	464	30.74	723,672	5	16.87	4,332	536	15.77	432,063	30	10.61	16,463
106	Pittsburg, Pa	75	5,623	3,382,175	137	34.68	240,460				136	18.38	125,647	1	7.69	400

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.

Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
55	$12.19	$33,246							62	$7.59	$22,000							32
114	13.26	76,690							7	7.71	2,808							33
125	10.38	65,064							9	7.41	3,181							34
758	12.36	477,834	5	$3.65	$950	1	$2.00	$104	314	9.50	154,652				5	$3.29	$856	35
399	15.99	331,173							97	10.42	52,535							36
169	13.02	113,190							15	7.62	5,910				3	4.80	749	37
2,418	10.90	1,341,201	6	7.37	2,300	5	4.42	1,150	1,029	7.68	402,427				30	3.50	5,000	38
261	10.02	134,237				5	3.69	880	3	10.00	1,560							39
57	14.10	40,868							3	12.28	1,915							40
496	13.22	336,816							85	8.80	36,612							41
201	11.63	116,410							47	7.01	16,280							42
1,266	12.68	821,392				4	5.84	1,215	576	8.11	235,095							43
370	10.28	181,608				1	3.37	175	60	8.09	22,590				1	3.85	200	44
425	10.52	232,539	30	5.40	10,956	4	3.13	650	121	6.42	40,420							45
426	11.10	245,014							145	7.77	58,086							46
420	11.69	246,587							464	7.31	172,563							47
55	15.36	43,585							6	7.71	2,404							48
16	13.51	8,603							3	4.67	728							49
403	11.06	229,105	1	9.81	170	2	3.00	312	78	7.31	28,867				1	3.50	182	50
126	9.39	61,504	10	5.00	2,600				17	5.76	5,096							51
1,093	11.19	634,892	2	6.00	624				135	9.94	68,564	1	$6.15	$300				52
81	12.70	52,900																53
211	14.72	161,464							15	10.00	7,800							54
581	11.79	355,467	1	9.62	500				164	7.80	65,879							55
33	14.18	24,055							16	9.23	6,838				31	7.30	11,775	56
1,013	10.74	563,903	1	8.00	416	1	3.50	182	269	6.78	94,884							57
193	9.53	87,032	2	5.00	412				5	8.15	2,031							58
685	13.52	477,987							174	9.61	82,898							59
135	11.71	82,036							11	6.46	3,694				1	2.77	144	60
257	14.08	186,313				1	3.61	180	180	9.12	83,694							61
227	14.42	162,743							85	8.92	38,225				5	4.60	1,150	62
60	11.31	35,272				5	4.20	1,092	2	7.50	780							63
127	11.42	72,994							98	5.44	25,140							64
65	11.65	38,155							10	6.68	3,360							65
316	8.88	142,116	1	6.73	350	2	3.89	405	11	5.61	3,209							66
659	11.18	380,827	24	6.26	7,400				33	7.49	12,787							67
15	10.80	8,400																68
169	10.57	92,806							14	6.74	4,909							69
25	11.14	10,044							6	9.58	2,490							70
78	13.46	54,600							17	6.22	5,500							71
178	13.69	126,712							142	7.50	56,044							72
118	15.14	90,478							32	10.33	17,187				1	3.00	156	73
928	12.10	558,134	2	6.00	624	18	4.00	3,744	649	7.94	257,430	10	3.68	1,820	35	2.69	4,734	74
1,973	10.02	1,027,417	12	6.63	4,134	1	2.88	150	411	8.53	182,213							75
295	12.36	188,937							59	10.06	30,834							76
111	12.39	70,950							54	6.26	17,440							77
326	9.87	148,044	12	6.84	4,269				265	6.60	76,076							78
310	14.58	227,863							379	7.23	142,307							79
586	9.98	290,780	62	6.42	19,750				32	8.86	14,150	10	4.91	2,500				80
1,727	11.74	1,013,915	3	5.93	925				1,064	7.22	382,177				15	4.49	3,500	81
447	14.15	319,268	2	9.62	1,000	2	2.85	185	159	8.67	69,944							82
55	14.83	41,528							46	5.56	13,068				5	3.08	774	83
44	13.09	29,100							19	7.74	7,530							84
70	12.02	43,760							22	8.81	10,082							85
85	11.33	49,954				19	4.63	4,576	106	7.85	43,250							86
168	9.88	83,505							29	9.67	13,750							87
1,447	12.30	904,432	11	5.71	3,268	10	3.50	1,820	389	8.53	171,408				26	3.10	4,148	88
164	11.00	93,714	2	5.00	520				5	8.08	2,336							89
267	13.19	183,112							106	6.55	36,130							90
519	12.92	348,098	4	8.00	1,664				165	8.82	75,627							91
757	13.14	512,455				1	3.33	144	205	7.78	82,683				1	2.77	144	92
154	11.18	82,240							240	7.18	82,188							93
215	10.05	112,313																94
7,513	15.16	5,879,452	8	7.13	2,966	19	7.91	7,660	1,394	8.93	640,521	8	5.56	2,312	2	3.13	325	95
131	12.33	83,801							26	5.86	7,829							96
61	18.16	53,344							12	12.09	6,783							97
196	16.44	166,479							101	9.61	50,470							98
121	11.45	72,012							5	7.92	2,058							99
129	10.82	70,808							139	5.53	39,893							100
1,636	11.67	983,734	99	5.18	25,680	17	3.69	3,202	256	8.79	115,560							101
394	11.14	227,707							153	9.47	75,383							102
140	13.41	89,979				2	3.37	350	71	9.15	28,137							103
100	9.43	48,751							38	5.52	10,883							104
11,680	12.86	7,748,022	18	7.61	5,474	53	3.04	10,006	3,101	8.25	1,312,427	7	5.74	2,064	9	3.16	1,464	105
3,533	12.11	2,169,580				12	4.00	2,444	1,397	8.22	582,228	4	3.13	650	7	3.41	1,240	106

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

	Cities.	Average number of employés in each class and average weekly earnings—continued. Piecework. Number.	Piecework. Total wages.	Average number of hours in ordinary day of labor. May to November.	November to May.	Weekly rates of wages paid and average number of employés at each rate, including officers, firm members, and clerks, but not those employed on piecework. Males above 16 years. Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
32	Covington, Ky	32	$11,300	9.83	9.83	136	5	.....	4	41	6	3	12	35	18	7	5
33	Dallas, Tex	.....	.....	9.86	9.71	129	1	.....	5	2	6	6	10	45	42	3	9
34	Davenport, Iowa	22	11,621	10.00	9.44	149	3	.....	17	8	10	28	27	27	20	3	6
35	Dayton, Ohio	27	13,862	9.88	9.77	1,170	23	12	13	62	67	343	124	245	197	50	34
36	Denver, Colo	.....	.....	9.79	9.15	538	7	3	12	6	1	4	39	99	206	31	30
37	Des Moines, Iowa	50	18,200	10.00	9.62	214	10	5	2	.....	27	19	24	77	31	12	7
38	Detroit, Mich	1,057	591,667	9.96	9.91	3,712	244	131	303	642	250	479	307	472	712	103	69
39	Dubuque, Iowa	.....	.....	10.00	9.63	287	4	12	8	9	9	16	191	14	11	2	11
40	Duluth, Minn	.....	.....	10.00	9.33	63	.....	.....	1	.....	.....	.....	25	8	24	4	1
41	Elizabeth, N. J	46	25,668	9.70	9.70	615	2	3	9	2	4	81	283	47	137	32	15
42	Elmira, N. Y	.....	.....	10.00	10.00	276	23	8	7	22	4	42	20	101	32	9	8
43	Erie, Pa	433	260,402	10.00	9.96	1,949	174	39	58	138	153	260	240	496	261	65	65
44	Evansville, Ind	164	85,855	10.15	9.77	495	61	8	18	27	9	79	95	88	65	24	21
45	Fall River, Mass	9	12,535	9.96	9.96	572	34	14	86	81	30	87	64	109	65	5	7
46	Fitchburg, Mass	90	91,794	9.96	9.87	614	63	14	19	60	52	98	81	106	83	16	22
47	Fort Wayne, Ind	61	34,848	10.00	9.56	999	76	8	41	181	164	90	122	162	46	10	9
48	Galveston, Tex	.....	.....	10.00	9.83	69	1	1	.....	1	2	3	8	2	40	7	4
49	Gloucester, Mass	.....	.....	9.80	9.80	23	2	2	1	.....	1	.....	1	5	11	.....	.....
50	Grand Rapids, Mich	15	2,882	10.11	10.00	535	37	17	19	67	34	42	68	90	143	6	12
51	Harrisburg, Pa	.....	.....	9.96	9.50	155	4	9	15	39	20	10	2	28	20	4	4
52	Hartford, Conn	139	157,006	9.82	9.71	1,283	61	69	37	79	146	58	292	142	310	54	35
53	Haverhill, Mass	.....	.....	10.00	10.00	95	1	2	1	1	.....	16	5	31	34	1	3
54	Hoboken, N. J	.....	.....	9.83	9.83	234	5	1	1	.....	.....	15	17	87	98	2	8
55	Holyoke, Mass	13	11,586	10.00	10.00	822	35	13	48	106	79	82	77	150	149	55	28
56	Houston, Tex	7	4,601	10.00	9.50	56	.....	.....	3	.....	15	2	4	5	19	1	7
57	Indianapolis, Ind	35	20,352	9.81	9.81	1,386	90	61	51	202	75	207	169	364	100	30	37
58	Jackson, Mich	27	6,853	9.80	9.70	233	15	3	23	25	10	53	30	28	36	4	6
59	Jersey city, N. J	32	16,220	9.88	9.88	943	10	24	26	14	41	112	163	196	272	46	39
60	Joliet, Ill	15	10,516	10.21	9.50	156	8	8	1	7	1	13	2	82	32	1	1
61	Kansas city, Kan	29	27,256	10.00	9.75	458	.....	.....	2	.....	3	188	10	105	138	5	7
62	Kansas city, Mo	16	22,750	10.00	9.71	349	4	2	.....	2	4	87	51	33	138	17	11
63	Kingston, N. Y	.....	.....	10.00	10.00	66	1	.....	8	6	.....	19	6	14	9	1	2
64	Knoxville, Tenn	20	13,313	10.00	9.92	245	57	5	24	19	18	4	23	50	32	6	7
65	Lacrosse, Wis	.....	.....	10.00	9.40	77	8	1	5	3	3	7	16	16	14	2	2
66	Lancaster, Pa	9	5,000	10.00	9.82	361	36	20	27	43	29	49	91	38	20	3	5
67	Lawrence, Mass	27	8,860	9.94	9.94	724	38	22	39	82	47	44	144	200	79	16	13
68	Lexington, Ky	.....	.....	10.00	10.00	21	.....	.....	.....	1	3	.....	9	2	4	.....	2
69	Lewiston, Me	.....	.....	10.00	10.00	193	1	16	29	31	26	33	22	20	12	.....	3
70	Lincoln, R. I	.....	.....	10.00	10.00	36	1	1	1	1	3	8	3	10	6	2	.....
71	Little Rock, Ark	5	4,600	9.75	9.50	108	4	5	13	12	10	7	9	13	15	14	6
72	Long Island city, N. Y.	83	15,000	10.00	10.00	337	14	1	41	20	11	46	64	35	86	13	6
73	Los Angeles, Cal	2	255	9.10	9.10	169	2	2	9	4	.....	6	5	44	74	10	13
74	Louisville, Ky	546	350,756	10.03	9.75	1,698	100	58	52	348	153	252	172	223	226	60	54
75	Lowell, Mass	.....	.....	9.87	9.85	2,473	59	79	346	334	245	386	380	389	193	39	23
76	Lynn, Mass	23	23,920	9.78	9.71	400	16	15	12	16	14	18	67	91	108	35	8
77	Macon, Ga	.....	.....	10.00	10.00	173	.....	.....	49	50	5	6	.....	20	37	5	1
78	Manchester, N. H	.....	.....	10.00	10.00	620	16	21	131	72	63	123	79	76	20	11	8
79	Memphis, Tenn	.....	.....	9.69	9.38	715	6	30	14	248	15	61	22	207	73	23	16
80	Meriden, Conn	.....	.....	10.00	10.00	644	5	97	43	38	101	83	74	70	105	9	19
81	Milwaukee, Wis	303	142,419	9.88	9.50	2,935	272	34	151	184	522	340	245	580	489	34	84
82	Minneapolis, Minn	28	16,806	9.94	9.54	700	13	4	2	7	19	85	94	166	226	36	43
83	Mobile, Ala	.....	.....	10.00	9.60	106	15	.....	10	16	1	11	4	6	36	3	4
84	Montgomery, Ala	.....	.....	10.00	10.00	72	.....	2	11	.....	.....	1	.....	37	15	4	2
85	Muskegon, Mich	.....	.....	10.00	10.00	105	3	2	.....	6	8	23	12	21	21	6	3
86	Nashville, Tenn	160	80,433	9.88	9.75	249	32	4	49	25	7	11	8	22	61	24	6
87	New Albany, Ind	71	32,337	10.00	9.67	208	21	9	8	51	16	12	12	23	44	9	3
88	Newark, N. J	195	109,940	9.99	9.95	1,998	104	71	47	72	91	196	378	381	526	45	87
89	New Bedford, Mass	2	1,040	10.00	9.60	199	3	3	1	37	30	12	15	42	44	4	8
90	Newburg, N. Y	.....	.....	10.00	10.00	387	23	13	20	32	12	59	43	95	66	9	15
91	New Haven, Conn	68	37,700	10.00	10.00	756	3	19	22	22	35	120	101	216	146	40	32
92	New Orleans, La	15	3,750	9.85	9.46	1,057	48	9	82	107	43	185	80	138	254	55	56
93	Newport, Ky	.....	.....	8.33	8.33	405	12	9	.....	120	96	50	75	29	4	5	5
94	Newton, Mass	.....	.....	10.00	10.00	224	10	5	20	25	28	30	66	22	12	1	5
95	New York, N. Y	584	324,850	9.66	9.65	9,751	242	140	172	258	307	728	1,158	1,999	3,446	623	676
96	Norfolk, Va	.....	.....	10.00	10.00	173	21	5	7	24	9	.....	1	24	75	3	4
97	Oakland, Cal	.....	.....	9.83	9.67	86	5	3	.....	1	.....	1	6	13	28	25	4
98	Omaha, Neb	.....	.....	10.00	9.50	319	.....	1	5	4	10	36	38	59	107	35	24
99	Oshkosh, Wis	2	1,054	9.83	9.33	139	12	3	4	8	.....	10	11	57	28	2	4
100	Oswego, N. Y	.....	.....	9.43	9.00	286	31	7	64	32	16	38	33	38	16	3	8
101	Paterson, N. J	953	488,548	10.00	10.00	1,981	63	48	89	345	130	290	163	162	646	26	19
102	Pawtucket, R. I	154	74,511	10.00	10.00	585	7	6	11	25	69	76	175	116	69	13	18
103	Peoria, Ill	37	28,509	9.86	9.50	248	15	9	.....	14	4	30	16	44	77	12	18
104	Petersburg, Va	.....	.....	10.00	9.60	150	33	13	14	11	9	15	20	22	8	4	1
105	Philadelphia, Pa	1,510	877,337	9.89	9.90	15,781	594	359	676	876	1,126	1,892	1,592	4,577	3,065	500	524
106	Pittsburg, Pa	396	259,527	9.69	10.06	5,203	260	146	158	237	546	1,135	432	736	1,276	150	127

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
																	32
																	33
																	34
9	5	2					2					6	6				35
2								1			1						36
												3	1		2		37
19	2	2		3	6	1		2	2	1		35	35				38
2		1				1						5	5				39
1									1								40
1							1										41
																	42
8	1					2	2	2	1			4		4			43
1							1					2	2				44
40	9	5	19	4	2		1					4	4				45
2		1						1									46
2											2						47
																	48
																	49
5	1	2	1			1						3	3				50
12		10			2												51
5			3				2										52
1				1													53
																	54
2						2											55
2					2							31	3	3		25	56
12	2	1		2	1		4	2				1	1				57
6		2	2				2										58
																	59
1							1					1	1				60
												1	1				61
4		1						3				5	3		2		62
												5	5				63
																	64
1						1											65
3	2		1									2	2				66
25	3	6	8	5	2	1											67
																	68
																	69
																	70
2							1		1								71
																	72
												1	1				73
18	10		2	1	1	2			2			53	51	2			74
19	4	1	2	2	2	7		1				1	1				75
3			2					1									76
																	77
13		1	7	1		2	1		1								78
3							2	1									79
72	3	45	14			10											80
10		2	1	2	2	1		1			1	15	15				81
3				1				2				2	2				82
												5	5				83
																	84
																	85
												10	19				86
																	87
17	6	3	1	1	1	1	3	1				36	36				88
8		7		1													89
																	90
9		1	1	1	1	2	2	1									91
3				1		1			1			2	2				92
																	93
																	94
25	2	6	8	1	2		4	1		1		21	7			14	95
																	96
																	97
2		1				1											98
1	1																99
																	100
100	19	50	6	5	16	1	2		1			17	14	3			101
1	1																102
4			2				1	1				2	2				103
																	104
60	3	11	7	4	10	3	4	7	10		1	62	61	1			105
5	4			1								19	19				106

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

	CITIES.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings.													
			Aggregates.		Officers or firm members actively engaged in the industry or in supervision.						Clerks.					
					Males above 16 years.			Females above 15 years.			Males above 16 years.			Females above 15 years.		
			Average number.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.
107	Portland, Me	12	404	$220,825	18	$28.18	$25,155				10	$17.35	$8,270	2	$4.88	$508
108	Portland, Ore	14	367	335,764	22	37.89	41,500				5	22.59	5,800			
109	Poughkeepsie, N. Y	4	101	60,154	7	25.07	9,016				4	16.33	3,325			
110	Providence, R. I	59	5,912	3,494,447	105	33.48	180,890	1	$15.00	$780	144	18.12	135,493	6	8.75	2,693
111	Quincy, Ill	16	786	494,561	34	27.58	46,110				34	20.84	34,628	1	10.44	520
112	Racine, Wis	6	288	121,551	10	17.93	8,800				5	11.11	2,780	1	11.54	600
113	Reading, Pa	15	1,061	571,359	32	19.93	31,521				25	13.16	16,385			
114	Richmond, Va	15	1,329	660,344	31	34.81	52,037				19	18.39	17,530			
115	Rochester, N. Y	53	1,623	1,060,337	90	26.19	121,162				48	18.08	44,416	8	7.04	2,060
116	Rockford, Ill	11	337	170,196	12	21.25	13,260				11	15.07	8,620	1	11.54	600
117	Sacramento, Cal	6	104	93,369	7	26.78	9,400									
118	Saginaw, Mich	10	465	296,771	18	27.01	25,224				17	17.95	15,828	1	10.00	520
119	St. Joseph, Mo	3	66	42,038	3	15.00	2,340									
120	St. Louis, Mo	103	6,345	3,877,946	193	40.12	374,745	1	28.85	1,500	250	19.05	233,290	14	10.11	7,051
121	St. Paul, Minn	13	366	243,984	21	27.41	28,860				9	15.94	7,134	1	9.23	480
122	Salem, Mass	11	151	91,057	15	20.41	13,621				8	15.63	6,502			
123	Salt Lake, Utah	7	143	108,016	8	22.96	8,855				2	13.27	1,380			
124	San Antonio, Tex	4	131	92,600	7	27.80	10,120				9	22.86	10,700			
125	San Francisco, Cal	97	2,796	2,377,152	114	31.92	183,606				98	19.80	100,623	2	12.69	1,320
126	Savannah, Ga	4	147	98,699	3	26.92	4,200				6	21.41	6,680			
127	Scranton, Pa	5	985	488,824	9	51.25	22,320				35	18.00	30,611			
128	Seattle, Wash	9	253	229,454	15	25.64	20,000				5	24.23	6,300			
129	South Bend, Ind	4	84	45,706	2	23.08	2,400				2	11.54	1,200			
130	Springfield, Ill	6	145	98,425	8	25.34	10,460				4	18.75	3,900			
131	Springfield, Mass	13	562	338,412	19	33.30	32,036				15	22.72	17,425			
132	Springfield, Mo	3	29	18,536	1	31.47	1,500									
133	Springfield, Ohio	18	1,106	611,763	26	31.47	42,210				41	17.42	36,691	7	5.71	2,028
134	Syracuse, N. Y	28	814	490,145	54	21.55	59,683				20	17.68	18,158	1	10.50	546
135	Tacoma, Wash	4	152	136,376	7	31.90	11,300				2	20.19	2,100			
136	Taunton, Mass	15	1,505	852,066	47	23.43	45,438				19	20.39	19,347			
137	Terre Haute, Ind	7	154	82,657	13	21.34	12,412	1	7.69	200	2	19.13	1,451			
138	Toledo, Ohio	16	566	323,063	23	25.83	29,632				9	12.11	5,300	1	9.62	500
139	Topeka, Kan	5	80	48,794	5	19.37	4,785				1	2.40	125			
140	Trenton, N. J	17	1,171	606,612	17	22.60	19,830				23	14.78	17,578	2	9.00	936
141	Troy, N. Y	30	1,815	988,345	50	42.50	96,041				43	18.69	95,836	3	12.72	1,956
142	Utica, N. Y	11	448	246,496	14	40.82	29,540				12	15.22	9,500			
143	Washington, D. C	16	311	172,297	17	25.42	20,270				4	11.41	1,929	1	5.77	300
144	Waterbury, Conn	14	527	359,693	22	35.16	40,000				8	15.89	6,612	1	9.13	475
145	Wheeling, W. Va	5	198	119,407	10	25.74	12,716				8	15.61	6,391			
146	Wilkesbarre, Pa	10	307	162,335	5	25.77	6,700				19	16.99	16,496			
147	Williamsport, Pa	11	359	194,263	18	19.37	16,600				12	14.84	8,716	2	6.34	652
148	Wilmington, Del	18	1,521	888,900	35	38.64	69,995				39	15.01	30,436	1	4.81	250
149	Woonsocket, R. I	10	264	153,066	12	22.20	13,852				4	10.00	2,080			
150	Worcester, Mass	78	3,575	2,200,179	98	33.30	165,308	2	36.54	3,800	67	15.07	52,273	8	10.83	4,480
151	Yonkers, N. Y	13	426	301,958	25	35.25	45,820	1	12.00	624	52	22.90	61,924			
152	York, Pa	6	387	205,404	12	34.37	21,300				8	12.94	5,384			
153	Youngstown, Ohio	5	249	152,963	9	29.70	13,900				4	9.90	2,060			
154	Zanesville, Ohio	5	253	139,524	10	31.38	15,638				7	14.26	4,914			
155	All other cities (a)	20	838	505,123	29		42,718				19		17,104	3		312

a Embraces Altoona, Pa., 1; Augusta, Ga., 2; Fort Worth, Tex., 2; Johnstown, Pa., 1; Lincoln, Neb., 2; McKeesport, Pa., 1; Malden, Mass., 2; Pueblo, Colo., 2; Sioux city, Iowa, 2; Somerville, Mass., 2; Wichita, Kan., 2; Wilmington, N. C., 1.

19.—FURNISHING GOODS, MEN'S.

1	Total	548	20,817	7,114,785	681		894,476	62		23,617	587		510,882	29		14,957
2	Albany, N. Y	3	241	101,272	2	34.44	2,500				24	16.57	18,180	1	5.00	130
3	Baltimore, Md	32	1,036	296,583	34	19.84	34,648	2	8.84	900	6	14.74	4,600			
4	Boston, Mass	16	541	197,652	24	19.58	24,176				16	16.86	13,914			
5	Brooklyn, N. Y	22	481	165,313	18	24.66	22,089	10	7.42	3,305	9	18.76	8,780			
6	Buffalo, N. Y	6	451	63,711	8	16.76	5,520									
7	Charleston, S. C	8	35	7,335	4	10.30	1,100	5	7.52	750						
8	Chicago, Ill	22	973	419,939	29	32.15	46,734	1	15.38	800	30	15.92	23,876	4	10.82	2,204
9	Cincinnati, Ohio	53	982	300,841	42	21.64	46,063	21	8.52	8,395	37	19.84	38,126	5	9.32	2,424
10	Detroit, Mich	4	292	95,816	5	19.13	4,808				26	9.37	11,000			
11	Los Angeles, Cal	11	41	16,022	16	9.41	7,422									
12	Lowell, Mass	4	143	62,801	7	25.62	9,325							5	20.19	5,250
13	Memphis, Tenn	3	31	7,900	1	15.00	780				1	13.85	720			
14	Milwaukee, Wis	5	294	66,671	7	22.86	7,330				5	10.00	2,600			
15	Minneapolis, Minn	3	43	19,664	4	20.07	4,000				2	12.04	1,200			
16	New Orleans, La	10	358	73,650	7	25.29	9,204	3	9.05	1,412	2	23.08	2,400			

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.																		
Operatives and skilled.									Unskilled.									
Males above 16 years.			Females above 15 years.			Children.			Males above 16 years.			Females above 15 years.			Children.			
Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	Number.	Average weekly earnings per employé.	Total wages.	
293	$11.85	$161,296							81	$7.09	$25,596							107
286	17.26	250,892	4	$15.10	$3,140				41	12.27	25,432							108
71	10.78	39,093							11	6.29	3,545							109
3,502	11.97	2,177,509	14	7.30	5,283	1	$2.62	$125	1,813	7.75	728,226	28	$6.37	$9,274	8	$3.11	$1,202	110
234	11.42	132,660	1	3.09	154	2	2.50	260	215	8.32	87,910				10	3.08	1,500	111
48	12.22	29,823							128	7.66	47,456				6	2.00	624	112
449	11.48	245,020	1	4.81	250	1	4.62	240	328	8.92	126,783							113
721	10.93	395,756							514	6.94	167,137							114
1,156	12.68	741,399	1	9.62	500	4	4.17	800	168	8.19	70,804				15	2.65	2,070	115
237	9.85	121,118				3	3.46	540	73	6.91	25,968							116
85	17.54	77,509							11	11.03	6,310							117
324	12.37	207,668							105	8.71	47,531							118
44	13.98	31,978							19	7.81	7,720							119
3,923	11.56	2,276,410	20	5.45	5,600	25	3.31	4,137	1,038	8.04	420,619				21	3.40	3,624	120
266	13.41	177,636							69	8.31	29,824							121
112	12.90	66,286							16	6.88	4,648							122
122	14.04	91,681							11	10.87	6,100							123
53	15.28	42,120							62	9.20	29,660							124
1,977	17.19	1,741,893	1	5.96	310	55	5.12	13,924	535	12.07	331,904	1	3.00	156	1	3.00	156	125
83	15.76	68,035							55	6.92	19,784							126
568	11.55	315,381							292	6.06	85,441							127
145	19.30	145,070							88	12.69	58,084							128
42	12.75	27,856							38	7.21	14,250							129
128	12.48	82,448				1	4.50	234	4	6.65	1,383							130
372	10.93	209,789	2	12.50	1,300				154	9.72	77,862							131
24	13.07	15,580							4	7.00	1,456							132
540	11.24	312,717				3	2.77	432	250	8.32	107,058							133
629	11.42	370,626	2	7.25	754				99	6.61	33,995							134
91	19.86	90,768							52	12.20	32,209							135
719	13.49	487,449	10	3.37	1,750				638	7.45	245,082							136
113	12.27	61,145	1	2.79	115	2	5.29	550	16	6.58	4,084							137
423	11.34	243,987				1	3.00	156	63	6.99	22,488				1	3.85	200	138
65	12.11	40,008							9	7.00	3,276							139
634	11.67	381,974	1	6.00	312				490	7.27	184,747							140
496	13.26	313,076							388	8.10	143,497	1	6.41	250	9	2.82	1,100	141
203	11.67	126,586	1	5.00	260				143	8.35	56,610							142
214	12.46	128,321							75	6.32	21,477							143
352	13.96	255,304							135	7.64	53,607	9	7.90	3,695				144
132	11.85	77,883				1	2.92	152	36	7.47	13,737							145
184	11.67	107,471							99	6.42	31,668							146
298	10.59	160,294							29	5.46	8,001							147
732	12.78	485,084				3	2.67	416	571	7.03	208,640				5	3.70	962	148
234	10.90	132,645	9	6.04	2,829				5	8.69	2,260							149
2,510	11.84	1,533,393	21	7.27	7,943				549	8.39	238,110				2	3.16	329	150
245	12.27	156,130							79	8.17	33,572							151
336	9.70	169,270							31	5.86	9,450							152
139	13.83	99,946							93	7.52	36,357				4	3.37	700	153
121	11.05	61,667				1	1.92	100	65	7.59	25,205							154
580		375,726							187		67,183				20		2,080	155

19.—FURNISHING GOODS, MEN'S.

1,645		1,018,498	4,912		1,610,478	85		13,690	142		56,677	318		82,654	13		2,096	1
2	15.37	1,432	1	4.81	250				8	8.05	3,000							2
92	10.60	50,370	506	4.96	130,109	7	2.70	934	8	8.17	3,400	40	4.62	9,600				3
34	12.47	21,770	124	7.11	45,832				2	12.25	1,274							4
60	9.96	31,060	48	6.46	15,734	1	4.00	208	1	6.00	312	4	3.05	614				5
15	13.52	8,200	35	5.81	9,568													6
			3	4.46	425													7
69	17.33	60,700	687	6.63	230,238	5	3.00	780	4	7.21	1,500				4	3.77	775	8
42	11.42	24,740	132	4.62	31,607	2	4.57	416	20	7.52	7,820	8	3.48	1,448	1	2.50	130	9
25	10.58	13,200	236	5.54	65,908													10
16	7.79	6,480							2	6.00	624							11
26	12.17	16,449	46	5.43	12,978	3	2.85	444	2	5.72	595							12
																		13
17	8.33	6,932	5	4.20	999							35	2.91	5,300				14
6	14.71	4,400	4	7.07	1,440													15
12	10.50	6,552	78	4.12	16,692													16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

	CITIES.	AVERAGE NUMBER OF EMPLOYÉS IN EACH CLASS AND AVERAGE WEEKLY EARNINGS—continued.		AVERAGE NUMBER OF HOURS IN ORDINARY DAY OF LABOR.		WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK.											
		Pieceworkers.				Males above 16 years.											
		Number.	Total wages.	May to November.	November to May.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.
107	Portland, Me			9.75	9.75	402	13	9	15	17	47	46	38	131	58	9	19
108	Portland, Ore	9	$9,000	9.79	9.36	354	6	3	6	4		5	3	73	110	108	36
109	Poughkeepsie, N. Y	8	5,175	10.00	10.00	93	6	2	6	1	7	7	29	16	12	4	3
110	Providence, R. I	290	252,882	9.97	10.06	5,564	209	170	209	755	547	686	690	1,163	818	178	139
111	Quincy, Ill	255	190,810	9.91	9.75	517	35	10	17	110	37	73	39	63	81	24	28
112	Racine, Wis	90	31,468	9.92	9.25	191	26	8	9	28	10	37	24	31	12	6	
113	Reading, Pa	225	150,260	9.93	9.60	834	37	25	95	180	36	47	73	89	173	52	27
114	Richmond, Va	44	27,884	9.87	9.77	1,285	82	19	253	181	46	190	113	263	86	34	18
115	Rochester, N. Y	133	76,286	9.93	9.84	1,462	61	34	31	33	39	211	283	320	338	66	46
116	Rockford, Ill			10.00	10.00	333	40	18	20	34	33	9	73	68	32	2	4
117	Sacramento, Cal	1	150	9.50	9.17	103		3				2	7	13	40	32	6
118	Saginaw, Mich			10.00	9.80	464	11	8	4	20	14	85	21	200	72	10	19
119	St. Joseph, Mo			9.67	9.33	66	1	3	3	3	3	11	3	9	30		
120	St. Louis, Mo	860	550,961	9.84	9.73	5,404	159	123	134	346	592	693	969	956	1,019	194	219
121	St. Paul, Minn			9.92	9.46	365	9	1	16	2	3	56	49	83	122	10	14
122	Salem, Mass			9.93	9.75	151	5	8	5	2	1	5	15	65	32	7	6
123	Salt Lake, Utah			10.00	9.71	143		2	2	3	4	3	12	35	56	20	6
124	San Antonio, Tex			9.75	9.75	131		4				53	1	5	54	3	11
125	San Francisco, Cal	12	3,260	9.73	9.60	2,724	64	56	95	58	40	52	170	585	787	648	169
126	Savannah, Ga			10.00	10.00	147	20	3	16	16	8	17	1	7	34	20	5
127	Scranton, Pa	81	35,071	9.80	9.40	904	101		92	166	111	37	67	211	76	21	22
128	Seattle, Wash			10.00	10.00	253			3	2	1		2	84	63	79	19
129	South Bend, Ind			10.00	8.88	84	2	6	1	39		2	4	17	12		1
130	Springfield, Ill			10.00	9.33	144	6	1	5	1	14	15	12	20	57	5	8
131	Springfield, Mass			9.69	9.69	560	8	3	24	21	54	89	161	110	56	10	24
132	Springfield, Mo			10.00	9.00	29		2		4		3		4	15		1
133	Springfield, Ohio	239	110,627	9.83	9.64	857	36	32	29	72	161	103	106	159	99	31	29
134	Syracuse, N. Y	9	6,383	10.00	9.93	802	46	11	27	66	35	105	123	191	155	20	23
135	Tacoma, Wash			10.13	9.25	152								63	7	70	12
136	Taunton, Mass	72	53,000	10.00	9.80	1,423	164	83	75	197	118	118	235	207	123	89	14
137	Terre Haute, Ind	6	2,700	9.86	9.14	144	11	4	4	4	14	17	16	15	47	4	8
138	Toledo, Ohio	45	20,800	10.00	9.88	518	16	5	69	40	10	75	105	71	102	14	11
139	Topeka, Kan			10.00	10.00	80	3		7	2		23		9	33	3	
140	Trenton, N. J	4	1,235	9.88	9.76	1,104	22	1	106	220	110	157	298	138	91	7	14
141	Troy, N. Y	825	396,589	9.87	9.70	977	34	47	43	101	43	191	93	143	207	31	44
142	Utica, N. Y	75	30,000	10.00	10.00	372	3	3	25	40	85	56	14	82	41	12	11
143	Washington, D. C			9.06	9.00	310	30	10	15	38	17	24	15	42	82	17	11
144	Waterbury, Conn			10.00	10.00	517	9	32	29	22	9	78	42	95	138	57	26
145	Wheeling, W. Va	11	8,528	9.60	9.60	186	6	5	4	14	14	22	17	49	46	4	5
146	Wilkesbarre, Pa			10.00	9.80	307	16	5	10	61	24	9	31	108	22	12	9
147	Williamsport, Pa			10.00	9.27	357	47	9	14	28	16	28	70	79	57	6	3
148	Wilmington, Del	135	93,117	10.00	9.72	1,377	105	23	51	384	94	56	108	333	168	23	32
149	Woonsocket, R. I			10.00	10.00	255	2	4	8	2	34	37	73	59	24	6	6
150	Worcester, Mass	318	194,543	9.95	9.92	3,224	132	91	123	181	159	590	450	709	553	151	85
151	Yonkers, N. Y	24	3,888	9.81	9.73	401	10	10	16	9	6	74	23	109	110	14	20
152	York, Pa			10.00	9.83	387	25		40	3	33	63	137	53	23	5	5
153	Youngstown, Ohio			9.80	10.00	245	6	13	7	14	48	29	9	46	53	15	5
154	Zanesville, Ohio	49	32,000	10.00	10.00	203	11	6	9	37	10	16	27	52	26	3	6
155	All other cities					815	36	56	42	18	65	58	108	150	220	43	19

19.—FURNISHING GOODS, MEN'S—Continued.

1	Total	12,343	2,886,700			3,055	221	103	191	171	122	163	253	419	705	274	433
2	Albany, N. Y	203	75,780	9.83	9.67	36		2	5	5	1	1	4	7	8		3
3	Baltimore, Md	341	61,972	9.73	9.73	140	9	7	5	8	13	2	10	55	9	13	9
4	Boston, Mass	341	90,686	9.56	9.63	76	4		3		5		3	15	30	13	3
5	Brooklyn, N. Y	330	83,211	9.64	9.68	88		1	2	42			6	4	22	3	8
6	Buffalo, N. Y	393	40,423	9.67	9.67	23	5		1	1		2	2	3	4	3	2
7	Charleston, S. C	23	5,000	10.00	10.00	4					1		3				
8	Chicago, Ill	140	52,332	9.05	9.09	132		2	6	2	2	8	2	23	24	45	18
9	Cincinnati, Ohio	672	139,642	9.58	9.58	141	6	5	4	7	15	13	19	15	24	14	19
10	Detroit, Mich			10.00	10.00	56		4	3	5	17	7	6	7	2	3	2
11	Los Angeles, Cal	7	1,496	10.45	10.36	34		3	11	7	2	3	1	5	2		
12	Lowell, Mass	54	17,760	10.00	10.00	35	2	2	2	2	4	5	7	3	2		6
13	Memphis, Tenn	29	6,400	9.00	9.00	2								1	1		
14	Milwaukee, Wis	225	43,600	9.40	9.40	29	8	4		2			2	5	1	6	1
15	Minneapolis, Minn	27	8,624	10.00	10.00	12		1						3	4	4	
16	New Orleans, La	256	37,390	9.60	9.60	21		1			1		11	1	1	4	2

SELECTED INDUSTRIES IN 165 PRINCIPAL CITIES, BY CITIES: 1890—Continued.

18.—FOUNDRY AND MACHINE SHOP PRODUCTS—Continued.

WEEKLY RATES OF WAGES PAID AND AVERAGE NUMBER OF EMPLOYÉS AT EACH RATE, INCLUDING OFFICERS, FIRM MEMBERS, AND CLERKS, BUT NOT THOSE EMPLOYED ON PIECEWORK—continued.

Females above 15 years.												Children.					
Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over but under $8.	$8 and over but under $9.	$9 and over but under $10.	$10 and over but under $12.	$12 and over but under $15.	$15 and over but under $20.	$20 and over but under $25.	$25 and over.	Total number.	Under $5.	$5 and over but under $6.	$6 and over but under $7.	$7 and over.	
2	1	1															107
4								1	3								108
																	109
49	3	6	28	5		3	1	1	1	1		9	9				110
2	1						1					12	12				111
1							1					6	6				112
1	1											1	1				113
																	114
9	2	2			2	2	1					19	18	1			115
1							1					3	3				116
																	117
1							1										118
																	119
35	16		1	3		3	3	7	1		1	46	44	1	1		120
1						1											121
																	122
																	123
																	124
4	1	1					1	1				56	40	4	12		125
																	126
																	127
																	128
																	129
												1	1				130
2								2									131
																	132
7	2		3	1			1					3	3				133
3				2			1										134
																	135
10	10																136
2	1			1								2	2				137
1						1						2	2				138
																	139
3			1		1	1											140
4			1				1	1	1			9	9				141
1		1															142
1		1															143
10			2	3	3	1	1										144
												1	1				145
																	146
2	1					1											147
1	1											8	8				148
9		2	5	2													149
31		1	7	10	3	4	1	1	2		2	2	2				150
1								1									151
																	152
												4	4				153
												1	1				154
3	3											20	20				155

19.—FURNISHING GOODS, MEN'S—Continued.

5,321	1,241	933	687	483	1,576	230	117	26	21	6	1	93	90	1		1	1
2	1	1															2
548	256	183	34	60	5	4	6					7	7				3
124	1	10	85	3	9	14	2										4
62	18	9	5	8	12	6	2	1	1			1	1				5
35	6	2	26		1												6
8	3	1		1	3												7
692	123	30	164	95	218	43	7	3	8	1		9	9				8
166	65	65	9	6	4	5	12					3	2	1			9
236	77	74	50	18	10		7										10
																	11
51	26	9	1		6	3	2			4		3	3				12
																	13
40	34		3	1				1	1								14
4		2			2												15
81	77	1	2						1								16

TABLE 6.—DETAILED STATEMENT OF EMPLOYÉS AND WAGES FOR 50

19.—FURNISHING GOODS, MEN'S—Continued.

	Cities.	Number of establishments reporting.	Average number of employés in each class and average weekly earnings. Aggregates. Average number.	Aggregates. Total wages.	Officers or firm members actively engaged in the industry or in supervision. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.	Clerks. Males above 16 years. Number.	Males above 16 years. Average weekly earnings per employé.	Males above 16 years. Total wages.	Females above 15 years. Number.	Females above 15 years. Average weekly earnings per employé.	Females above 15 years. Total wages.
17	Newport, Ky	3	25	$7,931	2	$15.38	$1,600	1	$9.62	$500						
18	New York, N. Y	149	5,523	2,649,330	203	37.52	378,609	12	6.62	3,815	230	$20.12	$231,752	8	$8.74	$3,115
19	Norfolk, Va	4	152	28,045	6	15.25	3,700				2	7.93	275	2	5.50	572
20	Philadelphia, Pa	67	1,406	520,572	56	26.62	72,723	6	12.26	3,480	47	17.54	42,022	1	6.00	312
21	Portland, Ore	3	33	16,950	13	13.54	9,150									
22	Richmond, Va	4	232	57,118	6	25.41	7,157				4	13.46	2,800			
23	Rochester, N. Y	9	239	103,250	17	28.10	23,870				13	27.00	18,250			
24	St. Paul, Minn	3	62	25,710	2	15.00	1,560				3	23.08	3,600			
25	San Francisco, Cal	33	1,082	466,307	86	10.72	47,861				18	14.98	14,020	1	5.77	300
26	Troy, N. Y	17	5,049	1,006,774	25	58.01	69,250				79	14.28	57,083	1	6.73	350
27	All other cities (a)	54	1,007	337,628	57		53,207	1		260	33		14,784	1		300

a Embraces Allentown, Pa., 1; Atlanta, Ga., 1; Binghamton, N. Y., 2; Brockton, Mass., 1; Chelsea, Mass., 2; Columbus, Ohio, 2; Davenport, Iowa, 1; Dayton, Ohio, 1; Denver, Colo., 1; Des Moines, Iowa, 1; Evansville, Ind., 1; Fort Worth, Tex., 1; Galveston, Tex., 2; Grand Rapids, Mich., 1; Houston, Tex., 1; Jersey city, N. J., 1; Kansas city, Mo., 2; Lewiston, Me., 1; Lincoln, Neb., 1; Lynn, Mass., 1; Malden, Mass., 1; Nashville, Tenn., 2; Newark, N. J., 2; New Haven,

20.—FURNITURE, CHAIRS.

1	Total	139	6,240	2,834,296	199		268,360	1		900	159		120,922	24		11,011
2	Baltimore, Md	4	270	103,596	2	30.28	4,000				19	14.07	13,684			
3	Binghamton, N. Y	4	180	83,889	5	22.49	5,700				2	20.07	2,000			
4	Boston, Mass	8	124	77,655	12	20.81	12,400				4	19.23	4,000			
5	Brooklyn, N. Y	5	81	51,759	7	19.86	7,015				2	10.58	1,100	1	5.77	300
6	Chicago, Ill	8	589	306,656	18	24.92	22,840				23	14.10	16,380	1	11.54	600
7	Cincinnati, Ohio	11	314	135,822	14	21.58	15,020				9	12.18	5,700	1	7.69	400
8	Indianapolis, Ind	5	461	155,539	12	23.40	14,400				3	19.23	3,000	4	8.41	1,750
9	Milwaukee, Wis	3	141	71,979	4	18.77	3,660				1	10.00	520			
10	Newport, Ky	5	15	8,846	5	15.05	3,718									
11	New York, N. Y	14	371	248,188	22	35.60	39,260				7	16.31	5,936			
12	Philadelphia, Pa	15	308	177,908	13	27.71	18,374				15	14.15	11,038			
13	Rochester, N. Y	6	435	177,400	15	28.42	21,800				6	12.39	3,812	2	10.03	1,000
14	St. Louis, Mo	6	815	409,683	13	42.26	28,020				15	15.61	11,904	3	9.21	1,436
15	San Francisco, Cal	3	43	26,236	3	27.56	4,240				2	26.59	2,650	1	15.58	810
16	All other cities (a)	42	2,093	799,140	54		67,313	1		900	51		39,198	11		4,715

a Embraces Akron, Ohio, 1; Allegheny, Pa., 1; Allentown, Pa., 2; Buffalo, N. Y., 1; Cambridge, Mass., 1; Canton, Ohio, 2; Chelsea, Mass., 1; Cleveland, Ohio, 1; Columbus, Ohio, 1; Dallas, Tex., 2; Dayton, Ohio, 1; Denver, Colo., 1; Detroit, Mich., 2; Evansville, Ind., 1; Fitchburg, Mass., 1; Grand Rapids, Mich., 1; Joliet, Ill., 1;

21.—FURNITURE, FACTORY PRODUCT.

1	Total	1,058	47,289	27,247,285	1,686		2,318,775	12		10,852	1,162		1,115,141	91		41,075
2	Allentown, Pa	7	452	176,374	19	21.71	19,023				10	14.87	6,284	1	3.67	175
3	Atlanta, Ga	4	393	203,256	8	28.61	11,900				5	13.46	3,500			
4	Baltimore, Md	22	1,101	544,190	30	28.03	43,608				25	16.21	20,856			
5	Boston, Mass	88	2,125	1,327,603	125	20.86	133,070	2	8.35	832	41	18.78	39,546	8	9.76	3,000
6	Bridgeport, Conn	3	22	16,898	3	27.56	4,300									
7	Brooklyn, N. Y	27	893	647,904	41	29.84	62,574				23	22.51	26,438			
8	Buffalo, N. Y	22	1,130	612,212	38	26.31	50,564				31	16.13	25,400	3	8.53	1,220
9	Burlington, Iowa	7	279	117,845	12	28.70	14,240				11	20.32	9,950			
10	Cambridge, Mass	11	636	425,349	15	19.93	15,330				9	17.78	8,322	2	9.00	936
11	Chattanooga, Tenn	3	264	113,180	7	31.87	11,600				5	18.92	4,920	1	9.62	500
12	Chicago, Ill	149	7,706	4,459,950	229	25.23	295,244	3	12.82	2,000	185	21.23	199,820	16	9.85	8,149
13	Cincinnati, Ohio	62	3,134	1,656,855	102	23.07	118,732	2	14.42	1,500	48	16.30	39,437	4	7.53	1,500
14	Cleveland, Ohio	18	323	168,543	25	22.37	27,430				9	17.31	7,800	3	8.00	1,075
15	Columbus, Ohio,	5	220	118,513	8	30.59	12,460				5	18.92	4,920	1	9.23	480
16	Dayton, Ohio	4	180	82,853	9	18.57	8,650				6	13.14	4,100			
17	Denver, Colo	5	115	106,084	4	37.50	7,800				5	20.00	5,200			
18	Detroit, Mich	16	669	355,125	31	20.46	32,410				29	13.53	20,410			
19	Dubuque, Iowa	3	88	35,212	3	24.00	3,080				3	12.18	1,900			
20	Evansville, Ind	9	656	273,263	26	17.54	21,810				10	21.65	10,600			
21	Grand Rapids, Mich	31	4,347	2,145,467	72	36.54	131,132				71	18.97	69,804	14	9.46	6,844
22	Indianapolis, Ind	21	1,163	578,384	43	24.55	52,020				31	15.88	24,860	2	6.73	700
23	Jersey city, N. J	3	62	40,628	3	28.51	4,448				1	19.23	1,000			
24	Kansas city, Mo	7	158	98,480	9	20.72	13,400				2	15.05	1,500			
25	Knoxville, Tenn	5	138	54,094	12	10.51	6,560				4	10.62	2,208			
26	Louisville, Ky	12	621	272,126	25	26.94	32,280				5	18.55	4,380	1	7.00	364
27	Macon, Ga	4	119	42,012	10	9.81	5,100									
28	Milwaukee, Wis	16	893	430,498	35	25.47	45,278				14	17.94	12,440	1	5.77	250
29	Minneapolis, Minn	9	503	244,151	19	28.99	26,880				17	16.31	13,786	2	11.21	1,020
30	Muskegon, Mich	3	273	125,779	7	25.22	9,180				1	15.00	780			
31	Nashville, Tenn	4	456	206,824	10	32.27	16,780				14	17.00	12,420			