TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PORTLAND, ME.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
45	Saddlery and harness	14	$25,340	$20,870	.....	$200	$2,382	$3,686	$6,940	$7,662
46	Shipbuilding	8	29,000	61,389	.....	.....	5,300	27,250	8,930	19,909
47	Soap and candles. (See also Grease and tallow.)	3	10,100	11,277	.....	500	1,675	3,087	2,289	3,726
48	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	16	41,260	58,332	.....	2,000	7,610	12,450	14,560	21,712
49	Tobacco, cigars and cigarettes	3	2,000	11,534	$32	200	1,250	2,651	3,101	4,300
50	Trunks and valises	4	20,200	21,325	.....	.....	800	1,900	3,950	14,675
51	Watch, clock, and jewelry repairing	14	24,630	9,870	.....	.....	5,625	2,360	260	1,625
52	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	5	10,900	8,185	.....	.....	1,610	2,020	2,380	2,175
53	All other industries (a)	86	345,970	2,388,169	142,828	272,983	599,549	340,794	381,423	650,592

PORTLAND, ORE.

1	All industries	560	3,154,200	16,863,568	4,764,749	2,364,785	2,701,127	1,727,606	2,508,054	2,797,247
2	Awnings, tents, and sails	3	81,600	455,623	.....	.....	22,060	113,500	146,500	173,563
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	14	42,000	26,350	.....	1,500	9,050	4,675	2,825	8,300
4	Bookbinding and blank-book making. (See also Printing and publishing.)	3	28,000	47,900	.....	.....	28,000	5,700	3,700	10,500
5	Boots and shoes, custom work and repairing	20	38,000	30,095	8,000	4,000	4,500	3,870	1,925	7,800
6	Bread and other bakery products	11	93,000	107,749	.....	.....	46,450	22,832	7,399	31,068
7	Brick and tile. (See also Clay and pottery products.)	8	27,300	489,410	257,900	25,350	36,360	10,850	97,450	61,500
8	Bridges	4	7,650	521,800	71,250	56,150	44,500	80,000	215,000	54,900
9	Carpentering	63	72,000	972,715	331,900	143,200	38,325	53,250	218,400	187,640
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	11	70,000	168,851	50,000	10,000	40,900	15,150	24,450	28,351
11	Chemicals. (See also Paints.)	3	40,000	66,250	.....	.....	8,000	42,600	5,150	10,500
12	Clothing, men's, custom work and repairing	19	130,000	130,790	6,000	3,500	7,715	75,100	12,200	26,275
13	Clothing, men's, factory product	5	85,450	119,715	.....	.....	1,975	19,000	85,440	13,300
14	Clothing, women's, dressmaking	8	58,000	37,025	.....	.....	2,500	17,925	10,185	6,415
15	Clothing, women's, factory product	3	46,000	74,400	.....	.....	1,900	43,000	16,000	13,500
16	Coffins and burial cases, trimming and finishing	5	47,000	54,525	.....	.....	7,925	15,500	4,500	26,600
17	Confectionery	8	98,000	289,895	50,000	25,000	48,500	34,075	44,300	88,020
18	Cooperage	4	5,000	19,925	8,000	2,800	2,075	2,900	1,900	2,250
19	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	15	147,000	90,675	.....	.....	11,250	23,700	35,900	19,825
20	Dyeing and cleaning	3	9,100	3,950	.....	.....	2,100	400	900	550
21	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	14	65,000	682,978	149,000	17,000	210,187	29,025	142,516	135,250
22	Furnishing goods, men's. (See also Shirts.)	3	21,750	6,140	.....	.....	1,090	600	2,100	2,350
23	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	10	57,000	85,750	.....	.....	3,600	27,100	17,250	37,800
24	Furniture, factory product	8	200,000	481,362	50,000	70,000	49,862	31,500	145,500	134,500
25	Hand stamps	3	6,600	5,550	.....	.....	3,400	650	900	600
26	Ice, artificial	3	13,500	251,500	52,500	47,500	140,000	500	1,000	10,000
27	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	30,000	59,600	.....	.....	6,600	17,000	15,500	20,500
28	Liquors, malt. (See also Bottling.)	3	.....	673,965	221,343	140,936	127,167	44,843	68,540	71,136
29	Lock and gun smithing	3	7,000	3,575	.....	.....	1,500	550	850	675
30	Looking-glass and picture frames	4	28,500	19,750	.....	.....	2,750	7,500	4,500	5,000
31	Lumber and other mill products from logs or bolts.	8	10,820	1,250,749	398,000	80,500	196,500	121,925	138,639	315,135
32	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	8	74,500	455,950	24,000	9,000	86,000	120,750	100,700	115,500
33	Marble and stone work. (See also Monuments and tombstones.)	6	10,700	63,650	35,000	2,400	3,175	3,925	12,250	6,900
34	Masonry, brick and stone. (See also Plastering and stuccowork.)	31	48,000	941,700	328,500	121,450	39,750	62,900	238,900	150,200
35	Millinery, custom work	12	81,000	41,000	.....	.....	1,550	14,700	17,050	7,700
36	Painting and paper hanging	34	86,000	134,800	27,500	5,500	13,550	24,175	25,540	38,535
37	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	25,000	59,395	.....	.....	5,300	19,700	18,895	15,500
38	Paving and paving materials	10	8,650	157,810	52,250	28,000	17,200	2,900	30,010	27,450
39	Photography	9	91,600	38,875	.....	.....	19,000	7,300	5,475	7,100
40	Plastering and stuccowork (See also Masonry, brick and stone.)	13	7,600	109,350	52,000	14,400	4,150	2,050	19,225	17,525
41	Plumbing and gas fitting	16	76,000	172,975	10,000	1,000	17,250	39,975	37,153	67,597

a Embraces agricultural implements, 2; babbitt metal and solder, 1; bicycle and tricycle repairing, 1; boot and shoe cut stock, 2; boot and shoe findings, 1; bottling, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; bridges, 1; bronze castings, 1; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese and butter, urban dairy product, 1; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; fancy articles, not elsewhere specified, 2; fertilizers, 2; files, 1; flavoring extracts, 2; food preparations, 1; fruits and vegetables, canning and preserving, 2; fur goods, 1; furnishing goods, men's, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 2; grease and tallow, 1; hairwork, 2; hand stamps, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

PORTLAND, ME.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$3,335	$2,724	$149	$173	$28	.....	$106	$155	45	$22,804	12	$8,980	.....	.....	45
4,541	2,315	454	367	100	.....	120	1,185	60	39,185	11	9,250	2	$760	46
3,438	1,110	64	37	5	.....	.....	2,222	8	5,231	5	3,900	.....	.....	47
6,880	4,435	290	336	265	.....	315	1,239	86	52,033	19	14,317	.....	.....	48
1,968	200	1,561	27	.....	.....	.....	180	17	8,706	2	1,380	.....	.....	49
2,257	1,970	88	69	.....	.....	.....	130	19	10,390	6	3,420	.....	.....	50
3,424	2,525	106	56	25	.....	79	633	36	19,585	10	6,694	.....	.....	51
1,374	1,144	138	92	.....	.....	.....	.....	16	9,224	5	3,924	.....	.....	52
178,695	34,251	20,518	15,982	34,999	.....	7,842	65,103	1,512	705,146	138	128,879	7	3,018	53

PORTLAND, ORE.

1,220,577	343,713	148,553	76,958	100,900	$163,600	94,755	292,098	9,731	7,592,920	1,006	1,318,997	72	53,586	1
17,192	6,140	1,155	1,987	370	.....	3,000	4,540	66	48,780	12	17,360	1	840	2
7,586	5,330	420	405	375	600	170	286	66	61,921	15	20,300	.....	.....	3
7,714	2,780	175	384	300	.....	225	3,850	73	32,070	4	3,468	2	1,324	4
5,898	4,673	493	111	.....	.....	.....	621	53	40,067	23	19,933	.....	.....	5
22,845	11,160	515	1,226	1,204	.....	800	7,940	135	104,404	27	34,300	.....	.....	6
8,064	3,280	2,113	196	1,200	.....	400	875	280	142,750	13	28,650	.....	.....	7
8,550	700	1,050	600	300	.....	2,400	3,500	516	379,700	11	17,200	.....	.....	8
126,155	9,178	4,206	3,956	1,635	97,500	4,504	5,176	1,049	1,001,198	77	122,900	.....	.....	9
15,284	8,331	417	1,205	1,115	.....	2,216	2,000	103	91,026	17	20,820	.....	.....	10
8,245	4,800	550	675	1,100	.....	640	480	24	26,220	6	15,000	.....	.....	11
18,295	15,120	277	1,143	.....	.....	12	1,743	168	113,303	26	26,770	1	700	12
56,823	6,420	158	745	.....	48,000	800	700	73	50,060	8	7,020	.....	.....	13
7,215	6,767	150	180	.....	.....	.....	112	133	53,954	1	1,300	10	9,154	14
6,223	4,620	388	800	.....	.....	.....	415	81	41,960	5	5,300	6	4,200	15
7,051	5,140	280	366	75	.....	390	800	14	12,200	8	7,200	.....	.....	16
33,456	10,260	3,334	1,654	725	.....	1,100	16,383	162	99,056	28	26,664	5	2,950	17
4,835	550	235	105	70	3,500	300	75	24	18,530	4	4,280	.....	.....	18
23,180	16,260	1,131	2,239	.....	.....	1,190	2,360	68	60,360	30	35,310	1	350	19
1,398	1,140	3	15	.....	.....	.....	240	15	10,000	4	4,250	.....	.....	20
35,791	8,168	1,758	4,924	4,830	.....	2,500	13,611	367	335,764	27	47,300	.....	.....	21
2,295	1,980	61	105	.....	.....	.....	149	33	16,950	13	9,150	.....	.....	22
8,910	6,710	135	707	150	.....	180	1,028	92	79,768	18	22,100	.....	.....	23
59,554	20,380	2,161	7,499	2,567	.....	8,488	18,459	353	274,724	43	57,676	2	1,260	24
890	800	20	47	.....	.....	.....	29	7	4,890	4	3,200	.....	.....	25
7,175	1,500	925	2,250	1,000	.....	1,000	500	24	23,420	4	6,000	.....	.....	26
5,130	3,300	350	385	.....	.....	500	595	32	33,094	8	11,050	.....	.....	27
137,718	.....	81,890	3,008	12,500	.....	.....	40,320	68	65,690	11	15,190	.....	.....	28
1,285	840	100	50	50	.....	75	170	6	4,310	2	2,200	.....	.....	29
4,128	3,210	150	110	.....	.....	.....	658	23	20,140	7	7,820	.....	.....	30
58,816	1,560	2,208	5,150	33,070	.....	6,467	10,361	405	327,852	28	44,540	.....	.....	31
23,665	8,580	1,700	2,995	2,500	.....	1,360	6,530	243	186,792	25	30,654	.....	.....	32
3,866	1,310	270	205	200	.....	96	1,785	31	31,720	8	10,000	.....	.....	33
27,387	6,112	3,918	1,761	2,225	.....	4,215	9,156	1,454	1,202,657	47	76,635	.....	.....	34
11,486	9,390	290	583	.....	.....	330	893	78	41,904	4	4,680	18	13,865	35
14,639	10,498	1,021	1,023	325	.....	726	1,046	368	304,995	61	72,780	3	1,300	36
5,158	2,640	288	400	.....	.....	.....	1,830	23	16,522	4	6,500	1	600	37
16,212	995	1,090	462	380	10,000	2,075	1,210	177	142,240	11	17,000	.....	.....	38
11,637	9,840	115	357	.....	.....	632	693	54	42,024	11	15,720	1	1,500	39
5,635	900	671	260	50	1,000	820	1,934	114	117,900	19	27,600	.....	.....	40
11,722	9,254	611	566	170	.....	200	921	189	153,198	31	34,218	1	600	41

hardware, 2; hats and caps, not including wool hats, 2; iron and steel, 1; ironwork, architectural and ornamental, 2; ivory and bone work, 1; jewelry and instrument cases, 1; lasts, 1; lime and cement, 1; lumber and other mill products from logs or bolts, 2; matches, 1; mineral and soda waters, 2; musical instruments and materials, not specified, 1; nets and seines, 2; paints, 1; perfumery and cosmetics, 1; photolithographing and engraving, 1; pickles, preserves, and sauces, 2; plated and britannia ware, 1; refrigerators, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; sausage, 1; shirts, 1; show cases, 1; stationery goods, not elsewhere specified, 1; stencils and brands, 1; sugar and molasses, refining, 2; surgical appliances, 1; taxidermy, 1; umbrellas and canes, 2; woodenware, not elsewhere specified, 1; wool hats, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES.

PORTLAND, ME.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
45	Saddlery and harness	25	$11,174	2	$400			3	$1,800	3	$450
46	Shipbuilding	47	29,175								
47	Soap and candles. (See also Grease and tallow.)	3	1,331								
48	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	65	36,966					2	750		
49	Tobacco, cigars and cigarettes	5	1,904	2	520			8	4,902		
50	Trunks and valises	5	2,470					8	4,500		
51	Watch, clock, and jewelry repairing	26	12,841								
52	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	11	5,900								
53	All other industries	950	454,769	161	38,170	6	$781	156	54,786	94	24,743

PORTLAND, ORE.—Continued.

1	All industries	7,740	5,785,284	476	192,549	96	18,903	295	204,870	46	18,732
2	Awnings, tents, and sails	34	20,980	19	9,600						
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	51	41,621								
4	Bookbinding and blank-book making. (See also Printing and publishing.)	18	11,386	39	13,292					10	2,600
5	Boots and shoes, custom work and repairing	23	16,014	1	200			6	3,920		
6	Bread and other bakery products	88	65,448	3	970	17	3,686				
7	Brick and tile. (See also Clay and pottery products.)	267	114,100								
8	Bridges	505	362,500								
9	Carpentering	972	878,298								
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	86	70,206								
11	Chemicals. (See also Paints.)	13	9,120	5	2,100						
12	Clothing, men's, custom work and repairing	33	24,856	13	4,540	1	312	85	51,181	9	4,944
13	Clothing, men's, factory product	40	31,040					25	12,000		
14	Clothing, women's, dressmaking	2	1,500	120	42,000						
15	Clothing, women's, factory product	5	3,960	45	22,500	10	2,500	10	3,500		
16	Coffins and burial cases, trimming and finishing	6	5,000								
17	Confectionery	84	56,136	45	13,306						
18	Cooperage	20	14,250								
19	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	37	24,700								
20	Dyeing and cleaning	5	3,500	6	2,250						
21	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	327	276,324	4	3,140			9	9,000		
22	Furnishing goods, men's. (See also Shirts.)	20	7,800								
23	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	61	47,992	11	8,476			2	1,200		
24	Furniture, factory product	249	133,904	6	2,100	3	780	50	29,004		
25	Hand stamps	2	1,440			1	250				
26	Ice, artificial	20	17,420								
27	Jewelry. (See also Watch, clock, and jewelry repairing.)	22	21,680			2	364				
28	Liquors, malt. (See also Bottling.)	57	50,500								
29	Lock and gun smithing	4	2,110								
30	Looking-glass and picture frames	16	12,320								
31	Lumber and other mill products from logs or bolts.	377	283,312								
32	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	211	153,018			3	720	4	2,400		
33	Marble and stone work. (See also Monuments and tombstones.)	23	21,720								
34	Masonry, brick and stone. (See also Plastering and stuccowork.)	1,404	1,124,622			2	1,000	1	400		
35	Millinery, custom work			50	21,359					6	2,000
36	Painting and paper hanging	302	230,415			2	500				
37	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	13	8,414	5	1,008						
38	Paving and paving materials	160	122,240					6	3,000		
39	Photography	23	16,000	17	8,304			2	500		
40	Plastering and stuccowork. (See also Masonry, brick and stone.)	91	89,050			1	50	3	1,200		
41	Plumbing and gas fitting	155	116,844	1	600			1	936		

BY SPECIFIED INDUSTRIES: 1890—Continued.

PORTLAND, ME.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$20,200	$19,930	$220	.....	.....	$50	$53,847	$42,642	$11,205	45
.....	.....	28,120	24,093	27	.....	.....	4,000	79,579	31,730	47,849	46
.....	.....	28,730	28,142	578	.....	.....	10	52,200	52,200	.....	47
.....	.....	45,677	42,142	619	$150	.....	2,766	116,893	65,550	51,343	48
.....	.....	8,133	7,258	60	.....	.....	815	20,000	20,000	.....	49
.....	.....	19,700	18,935	90	.....	.....	675	48,544	44,744	3,800	50
.....	.....	7,780	7,637	83	.....	.....	60	36,288	7,000	29,288	51
.....	.....	13,724	11,745	500	100	$200	1,179	29,448	27,015	2,433	52
.....	.....	2,221,022	1,803,209	62,154	4,002	3,515	348,142	3,551,121	3,246,502	304,619	53

PORTLAND, ORE.—Continued.

.....	.....	12,807,106	11,796,140	169,838	7,510	84,228	749,390	25,427,603	20,692,639	4,734,964	1
.....	.....	369,085	368,080	780	.....	.....	225	458,058	457,808	250	2
.....	.....	44,358	33,983	6,600	.....	.....	3,775	130,501	63,101	67,400	3
.....	.....	28,700	20,500	250	200	.....	7,750	76,400	76,400	.....	4
.....	.....	22,035	21,425	160	.....	.....	450	73,304	40,913	32,391	5
.....	.....	283,126	237,718	7,758	.....	100	37,550	504,497	504,497	.....	6
.....	.....	37,180	.....	35,080	.....	.....	2,100	264,400	264,400	.....	7
.....	.....	444,670	406,500	970	1,200	.....	36,000	965,000	965,000	.....	8
.....	.....	1,814,620	1,670,665	125	.....	.....	143,830	3,273,905	1,649,800	1,624,105	9
.....	.....	56,175	48,695	1,530	.....	.....	5,950	190,820	103,820	87,000	10
.....	.....	59,100	48,400	400	.....	.....	10,300	155,000	155,000	.....	11
.....	.....	135,923	132,293	330	.....	.....	3,300	307,822	229,942	77,880	12
.....	.....	299,540	296,500	40	.....	.....	3,000	462,970	462,970	.....	13
.....	.....	98,629	96,229	50	.....	.....	2,350	178,750	55,000	123,750	14
.....	.....	84,175	83,000	75	.....	.....	1,100	149,220	147,720	1,500	15
.....	.....	36,570	35,170	.....	.....	.....	1,400	67,625	67,425	200	16
.....	.....	285,404	266,004	11,100	.....	.....	8,300	536,700	536,700	.....	17
.....	.....	18,099	17,955	20	.....	.....	124	46,189	43,800	2,389	18
.....	.....	74,775	72,400	110	250	300	1,715	184,675	166,675	18,000	19
.....	.....	3,090	2,000	340	.....	.....	750	16,300	1,000	15,300	20
.....	.....	385,827	278,610	18,540	180	1,050	86,847	899,636	826,206	73,430	21
.....	.....	22,450	20,000	200	.....	.....	2,250	48,600	32,700	15,900	22
.....	.....	115,410	108,880	30	.....	2,000	4,500	256,550	208,350	48,200	23
.....	.....	558,596	544,721	5,575	300	5,000	3,000	1,159,125	1,150,125	9,000	24
.....	.....	2,300	2,275	25	.....	.....	.....	12,700	7,500	5,200	25
.....	.....	22,900	6,000	15,100	300	.....	1,500	135,000	135,000	.....	26
.....	.....	41,400	40,400	.....	.....	.....	1,000	92,654	77,654	15,000	27
.....	.....	143,563	115,672	18,801	.....	.....	9,000	533,348	533,348	.....	28
.....	.....	2,870	2,280	90	.....	.....	500	9,770	700	9,070	29
.....	.....	16,550	16,400	.....	.....	.....	150	48,700	45,700	3,000	30
.....	.....	434,320	424,192	.....	.....	4,952	5,176	949,007	921,027	27,980	31
.....	.....	377,300	346,350	50	2,000	15,000	13,900	745,520	635,520	110,000	32
.....	.....	18,400	18,200	50	.....	.....	150	69,400	69,400	.....	33
.....	.....	1,478,385	1,376,395	1,740	240	50,010	50,000	2,980,810	2,034,410	946,400	34
.....	.....	102,275	102,200	.....	.....	.....	75	175,410	135,560	39,850	35
.....	.....	272,660	259,460	125	.....	575	12,500	651,725	447,065	204,660	36
.....	.....	20,385	14,535	350	.....	.....	5,500	57,500	53,500	4,000	37
.....	.....	158,000	147,050	1,000	.....	500	9,450	352,000	222,000	130,000	38
.....	.....	27,900	21,250	250	.....	.....	6,400	104,500	96,500	8,000	39
.....	.....	104,943	94,818	15	.....	.....	10,110	254,168	241,168	13,000	40
.....	.....	300,415	274,360	305	.....	.....	25,750	572,195	251,395	320,800	41

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PORTLAND, ORE.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
42	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	14	$115,000	$180,932	.....	.....	$131,889	$18,025	$7,850	$23,168
43	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	25	140,000	283,309	.....	.....	144,025	19,893	9,700	109,691
44	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	8,300	92,550	$24,000	$10,000	13,000	6,000	9,300	30,250
45	Saddlery and harness	6	48,500	139,996	.....	.....	6,056	39,150	53,040	41,750
46	Shipbuilding	3	7,600	113,500	75,000	1,000	8,500	2,000	10,000	17,000
47	Shirts. (See also Furnishing goods, men's.)	3	8,650	8,775	.....	.....	1,650	2,550	2,150	2,425
48	Slaughtering and meat packing, wholesale. (See also Slaughtering, wholesale, not including meat packing.)	5	77,220	439,600	80,000	67,000	31,000	58,000	54,600	149,000
49	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	12	87,000	189,750	8,000	1,500	8,600	26,950	32,850	111,850
50	Tobacco, cigars and cigarettes	7	33,000	44,925	.....	5,000	1,910	5,345	11,850	20,820
51	Trunks and valises	3	32,050	28,650	.....	.....	800	4,100	17,000	6,750
52	Watch, clock, and jewelry repairing. (See also Jewelry.)	9	22,500	13,800	.....	.....	4,700	2,850	4,050	2,200
53	All other industries (a)	63	500,000	5,923,714	2,394,606	1,471,099	1,035,331	379,148	318,097	324,533

POUGHKEEPSIE, N. Y.

1	All industries	303	1,085,623	4,850,050	583,803	822,583	1,119,123	557,728	822,181	945,227
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	14	20,675	28,690	4,500	4,500	5,425	3,015	2,700	8,550
3	Boots and shoes, custom work and repairing	22	26,030	19,617	5,000	7,500	2,175	2,083	1,066	1,793
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	7	9,135	49,980	7,000	14,000	20,650	1,330	1,150	5,850
5	Bread and other bakery products	13	63,850	152,895	32,750	46,000	23,200	18,900	7,195	24,850
6	Carpentering	13	12,355	65,000	5,300	11,100	4,450	5,900	6,800	31,450
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	6	53,300	50,625	2,000	1,000	7,600	7,000	20,000	13,025
8	Clothing, men's, custom work and repairing	23	99,630	139,270	15,000	17,000	4,070	43,325	6,525	53,350
9	Clothing, men's, factory product	3	51,620	364,668	20,000	30,000	6,668	45,000	180,000	83,000
10	Clothing, women's, dressmaking	11	15,800	5,330	800	2,220	810	345	540	635
11	Coffins and burial cases, trimming and finishing	6	26,750	24,400	.....	.....	3,400	3,600	2,400	15,000
12	Confectionery	3	9,125	16,300	4,150	4,900	3,700	500	2,100	950
13	Cooperage	5	2,855	153,100	23,000	34,000	31,100	40,900	6,600	17,500
14	Foundry and machine shop products	4	54,450	142,500	.....	.....	91,000	14,100	27,000	10,400
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	10	19,515	14,500	200	1,100	2,410	2,485	4,320	3,985
16	Liquors, malt. (See also Bottling.)	3	.....	412,200	130,600	93,500	67,500	8,500	11,600	100,500
17	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	6	3,500	174,360	27,000	37,000	53,000	20,800	10,300	26,260
18	Masonry, brick and stone. (See also Plastering and stucco work.)	7	3,725	45,800	300	700	3,100	3,800	32,200	5,700
19	Millinery, custom work	11	55,000	71,650	15,833	20,167	1,950	21,400	6,650	5,650
20	Painting and paper hanging	16	43,333	30,465	.....	.....	2,500	9,025	7,760	11,180
21	Photography	5	37,350	26,530	.....	.....	14,600	4,035	1,620	6,275
22	Plumbing and gas fitting	11	48,900	62,850	11,000	3,500	5,000	13,450	6,200	23,700
23	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3	21,000	48,615	.....	.....	31,500	2,725	4,115	10,275
24	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	10	34,100	108,600	4,000	17,500	62,000	4,600	1,000	19,500
25	Saddlery and harness	6	20,300	20,690	600	2,000	900	2,200	11,625	3,365
26	Shipbuilding	3	750	23,050	500	1,550	4,000	500	16,500	.....
27	Slaughtering and meat packing, wholesale	3	5,000	48,809	11,500	14,500	3,675	1,900	3,250	14,044
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	6	9,000	28,250	4,000	5,000	2,200	2,650	2,200	12,200
29	Tobacco, cigars and cigarettes	8	51,875	45,310	1,700	6,000	1,900	15,850	10,260	9,600
30	Watch, clock, and jewelry repairing	11	17,700	34,835	8,000	14,000	5,200	2,950	2,775	1,910
31	All other industries (b)	54	269,000	2,441,701	249,070	433,866	653,445	254,860	425,730	424,730

a Embraces babbitt metal and solder, 1; baskets and rattan and willow ware, 1; bicycle and tricycle repairing, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; bottling, 2; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; brooms and brushes, 2; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 2; clay and pottery products, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 1; corsets, 1; cutlery and edge tools, 1; fancy articles, not elsewhere specified, 1; fish, canning and preserving, 2; flouring and grist mill products, 2; fur goods, 2; gas, illuminating and heating, 1; gloves and mittens, 1; hairwork, 2; hand knit goods, 1; hats and caps, not including wool hats, 2; ironwork, architectural and ornamental, 1; leather, tanned and curried, 1; mattresses and spring beds, 1; mineral and soda waters, 2; models and patterns, 1; monuments and tombstones, 1; paints, 1; paper, 2; pickles, preserves, and sauces, 1; saws, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 2; soap and candles, 2; steam fittings and heating apparatus, 2; tools, not elsewhere specified, 1; upholstery materials, 2; whips, 1; wood, turned and carved, 1.

BY SPECIFIED INDUSTRIES: 1890—Continued.

PORTLAND, ORE.—Continued.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$20,565	$10,552	$693	$1,480	$690	$3,000	$1,685	$2,465	151	$123,153	24	$27,141	.....	.....	42
110,249	12,770	1,060	1,312	1,365	.....	2,829	90,913	301	322,532	51	73,704	5	$4,760	43
9,380	900	450	920	300	.....	760	6,050	75	68,145	9	12,700	.....	.....	44
9,690	5,500	720	840	110	.....	70	2,450	63	33,872	14	13,380	.....	.....	45
3,214	900	654	60	.....	.....	1,000	600	104	79,858	2	2,740	.....	.....	46
930	870	.....	30	.....	.....	.....	30	32	22,510	9	9,500	.....	.....	47
16,718	6,200	1,545	3,248	1,000	.....	2,750	1,975	100	108,400	18	35,100	.....	.....	48
21,282	10,580	964	1,568	160	.....	1,940	6,070	66	67,090	23	28,990	1	1,000	49
9,775	3,960	4,574	541	.....	.....	120	580	45	25,560	7	6,760	.....	.....	50
4,005	3,540	160	255	.....	.....	.....	50	15	10,340	3	2,900	.....	.....	51
3,405	2,730	30	15	.....	.....	.....	630	22	21,492	7	9,250	.....	.....	52
172,250	54,595	20,921	15,844	28,789	.....	35,790	16,311	1,513	895,855	134	156,794	14	9,174	53

POUGHKEEPSIE, N. Y.

311,022	63,837	46,151	22,941	33,091	36,000	22,783	86,219	3,772	1,837,656	414	329,935	30	11,925	1
3,162	1,447	148	183	707	.....	.....	677	40	20,564	13	7,064	.....	.....	2
2,492	1,692	150	125	.....	.....	.....	525	36	13,470	21	8,200	.....	.....	3
3,876	641	445	240	.....	.....	1,100	1,450	25	11,720	7	3,100	.....	.....	4
21,755	4,150	1,003	668	2,720	.....	800	12,414	135	58,823	18	14,170	1	500	5
3,181	865	221	185	50	.....	.....	1,860	134	101,455	13	13,203	.....	.....	6
4,779	3,464	12	428	.....	.....	200	675	75	46,964	7	9,400	.....	.....	7
9,358	6,476	379	548	100	.....	700	1,155	152	82,072	33	21,272	2	400	8
57,524	2,581	1,350	2,278	1,316	36,000	3,100	10,899	361	157,740	26	22,630	1	600	9
1,305	948	30	17	.....	.....	.....	310	31	8,483	.....	.....	11	3,833	10
2,614	1,739	.....	85	.....	.....	.....	790	14	9,600	9	6,600	.....	.....	11
1,003	550	83	70	150	.....	.....	150	9	4,666	3	2,040	.....	.....	12
8,126	200	575	1,926	2,000	.....	125	3,300	187	121,676	10	13,120	.....	.....	13
6,984	3,811	224	314	1,870	.....	250	515	101	60,154	11	12,341	.....	.....	14
2,380	1,346	218	146	150	.....	.....	520	38	19,101	14	7,000	.....	.....	15
20,569	.....	17,452	2,842	275	.....	.....	.....	23	12,980	6	3,100	.....	.....	16
4,518	260	706	917	560	.....	825	1,250	117	48,225	9	5,435	.....	.....	17
1,595	242	9	294	.....	.....	100	950	156	98,387	7	6,042	.....	.....	18
4,115	3,030	532	253	.....	.....	.....	300	50	17,835	6	3,695	8	3,860	19
3,917	2,600	.....	127	.....	.....	.....	1,190	87	61,263	22	15,033	.....	.....	20
2,941	2,241	.....	150	350	.....	200	.....	32	18,098	8	5,660	1	200	21
4,544	2,935	193	391	25	.....	.....	1,000	77	49,751	10	9,600	1	420	22
1,435	1,050	.....	85	.....	.....	.....	300	40	21,320	4	2,920	.....	.....	23
14,592	1,705	286	696	750	.....	15	11,140	108	55,373	15	13,200	1	520	24
1,561	1,217	22	37	85	.....	.....	200	18	10,751	6	4,384	.....	.....	25
514	61	13	40	.....	.....	.....	400	20	14,674	2	1,750	.....	.....	26
949	350	220	179	200	.....	.....	.....	22	9,808	3	1,662	.....	.....	27
1,804	563	125	106	.....	.....	1,000	10	26	13,772	9	4,760	.....	.....	28
10,926	3,113	7,377	376	.....	.....	60	.....	71	39,387	14	8,484	.....	.....	29
2,074	1,062	290	122	.....	.....	.....	600	30	14,848	12	6,212	.....	.....	30
106,429	13,498	14,088	9,113	21,783	.....	14,303	33,639	1,557	634,096	96	97,258	4	1,592	31

[b] Embraces agricultural implements, 1; awnings, tents, and sails, 1; bicycle and tricycle repairing, 1; bookbinding and blank-book making, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brick and tile, 1; carpets and rugs, other than rag, 1; carpets, rag, 1; carriage and wagon materials, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 1; corsets, 1; dyeing and cleaning, 1; dye stuffs and extracts, 1; electric light and power, 1; electroplating, 1; flouring and grist mill products, 1; furniture, chairs, 2; gas, illuminating and heating, 1; glass, 1; hosiery and knit goods, 2; iron and steel, 1; leather, tanned and curried, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; mantels, slate, marble, and marbleized, 1; marble and stone work, 1; mattresses and spring beds, 2; mineral and soda waters, 2; monuments and tombstones, 2; patent medicines and compounds, 1; plastering and stuccowork, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; shirts, 2; silk and silk goods, 1; soap and candles, 1; springs, steel, car and carriage, 1; tools, not elsewhere specified, 2; umbrellas and canes, 1; wheelbarrows, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES.

PORTLAND, ORE.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecoworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
42	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	97	$81,517	16	$6,595	3	$680	11	$7,220		
43	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-making.)	141	157,290	19	9,824	23	2,298	58	69,159	4	$5,488
44	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	66	55,445								
45	Saddlery and harness	43	16,542					6	3,950		
46	Shipbuilding	102	77,118								
47	Shirts. (See also Furnishing goods, men's.)	16	10,400	5	1,860					2	750
48	Slaughtering and meat packing, wholesale. (See also Slaughtering, wholesale, not including meat packing.)	81	73,050			1	250				
49	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	41	36,260	1	900						
50	Tobacco, cigars and cigarettes	19	11,900			3	600	16	6,300		
51	Trunks and valises	10	7,200			2	240				
52	Watch, clock, and jewelry repairing. (See also Jewelry.)	14	12,146			1	96				
53	All other industries	1,284	704,736	45	17,625	21	4,576			15	2,950

POUGHKEEPSIE, N. Y.—Continued.

1	All industries	2,065	1,080,038	339	95,088	84	10,660	444	238,065	349	69,143
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	25	11,783					2	1,117		
3	Boots and shoes, custom work and repairing	6	1,550					9	3,720		
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	18	8,620								
5	Bread and other bakery products	91	36,173	24	7,780	1	200				
6	Carpentering	121	88,252								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	66	35,764					2	1,800		
8	Clothing, men's, custom work and repairing	21	13,286	4	1,118			70	42,424	22	4,172
9	Clothing, men's, factory product	44	22,310	13	4,900	7	700	130	81,120	140	25,480
10	Clothing, women's, dressmaking			20	4,650						
11	Coffins and burial cases, trimming and finishing	5	3,000								
12	Confectionery	4	1,818	2	808						
13	Cooperage	106	64,200					71	44,356		
14	Foundry and machine shop products	82	42,638					8	5,175		
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	20	11,156	3	750			1	195		
16	Liquors, malt. (See also Bottling.)	17	9,880								
17	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	105	42,374			3	416				
18	Masonry, brick and stone. (See also Plastering and stuccowork.)	149	92,345								
19	Millinery, custom work			36	10,280						
20	Painting and paper hanging	65	46,230								
21	Photography	22	12,150	1	88						
22	Plumbing and gas fitting	66	39,731								
23	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	26	12,160					10	6,240		
24	Printing and publishing newspapers and periodicals (See also Bookbinding and blank-book making.)	69	35,441	1	300	15	1,232	7	4,680		
25	Saddlery and harness	11	5,847					1	520		
26	Shipbuilding	18	12,924								
27	Slaughtering and meat packing, wholesale	18	7,696	1	450						
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	15	8,752			2	260				
29	Tobacco, cigars and cigarettes	15	5,993					39	24,260		
30	Watch, clock, and jewelry repairing	17	8,536					1	100		
31	All other industries	843	399,429	234	63,964	56	7,852	93	22,358	187	39,491

BY SPECIFIED INDUSTRIES: 1890—Continued.

PORTLAND, ORE.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.		COST OF MATERIALS USED.						VALUE OF PRODUCTS.			
Piecework-ers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
.....	.....	$53,688	$48,393	$2,716	$340	.....	$2,239	$233,757	$233,757	.....	42
.....	.....	132,959	127,941	2,468	500	.....	2,050	676,666	676,094	$572	43
.....	.....	98,630	93,630	700	.....	.....	4,300	215,330	212,330	3,000	44
.....	.....	85,096	84,646	225	.....	.....	225	161,472	148,472	13,000	45
.....	.....	36,699	32,349	.....	.....	.....	4,350	161,500	146,000	15,500	46
.....	.....	24,297	21,927	.....	.....	.....	2,370	55,620	51,820	3,800	47
.....	.....	1,222,330	1,214,180	6,450	.....	.....	1,700	1,570,935	1,506,185	64,750	48
.....	.....	225,630	224,020	305	.....	.....	1,305	389,940	157,640	232,300	49
.....	.....	25,496	22,250	210	.....	.....	3,036	72,440	72,440	.....	50
.....	.....	9,150	9,150	.....	.....	.....	.....	33,090	32,090	1,000	51
.....	.....	10,737	10,687	50	.....	.....	.....	42,032	23,800	18,232	52
.....	.....	2,080,291	1,835,402	28,660	2,000	$4,141	210,088	3,664,457	3,315,302	349,155	53

POUGHKEEPSIE, N. Y.—Continued.

47	$2,802	3,200,593	2,836,597	178,346	1,160	6,007	178,483	6,254,132	6,109,827	144,305	1
.....	.....	12,924	11,986	741	.....	.....	197	45,776	35,168	10,608	2
.....	.....	6,390	6,230	105	.....	.....	55	25,954	7,534	18,420	3
.....	.....	47,100	38,100	.....	.....	.....	9,000	70,520	70,520	.....	4
.....	.....	173,119	157,712	5,520	.....	.....	9,887	297,220	278,820	18,400	5
.....	.....	90,233	90,000	33	.....	.....	200	217,480	212,480	5,000	6
.....	.....	28,266	27,303	813	.....	.....	150	93,220	87,420	5,800	7
.....	.....	89,609	89,221	367	.....	.....	21	211,876	203,404	8,472	8
.....	.....	420,900	420,000	900	.....	.....	.....	672,000	672,000	.....	9
.....	.....	3,175	600	.....	.....	.....	2,575	15,160	15,160	.....	10
.....	.....	8,400	8,400	.....	.....	.....	.....	23,300	23,300	.....	11
.....	.....	10,467	10,211	156	.....	.....	100	19,000	19,000	.....	12
.....	.....	165,116	159,100	2,016	.....	.....	4,000	313,753	308,453	5,300	13
.....	.....	34,506	22,050	3,306	.....	.....	9,150	121,900	120,700	1,200	14
.....	.....	10,006	9,385	121	.....	.....	500	34,950	16,750	18,200	15
.....	.....	45,524	34,073	2,451	.....	.....	9,000	113,825	113,825	.....	16
.....	.....	85,093	81,718	1,015	.....	300	2,060	150,950	149,950	1,000	17
.....	.....	80,800	72,800	.....	.....	.....	8,000	202,000	200,000	2,000	18
.....	.....	62,619	62,400	207	.....	.....	12	104,060	104,060	.....	19
.....	.....	20,600	20,600	.....	.....	.....	.....	98,300	98,300	.....	20
.....	.....	10,486	10,294	192	.....	.....	.....	38,040	38,040	.....	21
.....	.....	41,339	41,080	259	.....	.....	.....	114,500	112,500	2,000	22
.....	.....	16,289	14,628	11	400	.....	1,250	48,700	48,700	.....	23
.....	.....	24,337	21,077	1,085	400	.....	1,775	126,400	126,400	.....	24
.....	.....	10,628	10,501	127	.....	.....	.....	24,805	18,480	6,325	25
.....	.....	20,368	18,368	.....	.....	.....	2,000	46,500	46,500	.....	26
.....	.....	100,567	98,869	313	.....	.....	1,385	120,300	116,500	3,800	27
.....	.....	14,485	14,053	332	.....	.....	100	34,730	30,030	4,700	28
3	650	28,166	24,601	226	.....	.....	3,339	82,857	82,857	.....	29
.....	.....	6,475	6,475	.....	.....	.....	.....	26,200	6,000	20,200	30
44	2,152	1,532,606	1,254,762	158,050	360	5,707	113,727	2,759,856	2,746,976	12,880	31

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PROVIDENCE, R. I.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries (a)	1,934	$8,601,799	$61,133,598	$4,489,618	$8,004 643	$16,487,572	$6,298,568	$11,065,221	$14,787,976
2	Awnings, tents, and sails	4	14,275	25,376	.....	.....	2,166	5,777	4,572	12,861
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	69	130,225	97,909	19,920	8,450	24,200	11,115	7,839	26,385
4	Bookbinding and blank-book making. (See also Printing and publishing.)	4	47,000	64,150	.....	.....	20,300	9,350	6,250	28,250
5	Boot and shoe findings	3	9,000	102,100	25,000	15,000	12,500	14,600	21,000	14,000
6	Boots and shoes, custom work and repairing	142	160,000	41,553	4,450	3,700	13,002	5,766	6,721	7,914
7	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	48,000	64,100	1,900	4,500	28,000	10,500	5,000	14,200
8	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	77,500	41,413	.....	.....	10,200	11,025	2,800	17,388
9	Brass castings and brass finishing. (See also Plumbers' supplies.)	6	14,210	59,750	10,500	15,000	8,200	8,400	2,300	15,350
10	Bread and other bakery products	45	207,375	252,066	37,400	34,800	61,105	42,271	43,387	33,103
11	Brooms and brushes	3	5,550	6,275	250	250	1,100	1,675	600	2,400
12	Buttons	4	52,400	67,323	.....	.....	35,158	5,975	8,576	17,614
13	Carpentering	120	190,500	415,963	20,255	32,200	70,377	39,705	87,452	165,974
14	Carriage and wagon materials	6	20,150	9,200	.....	.....	3,700	1,250	1,815	2,525
15	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	25	127,000	144,589	10,000	24,900	18,495	14,893	31,209	45,092
16	Clothing, men's, custom work and repairing	90	371,350	330,009	4,850	9,650	22,120	149,165	31,966	112,258
17	Clothing, men's, factory product	5	373,000	344,150	.....	.....	51,550	15,350	276,550	700
18	Clothing, women's, dressmaking	303	411,350	114,016	7,500	6,600	29,267	19,656	19,627	31,366
19	Clothing, women's, factory product	4	9,350	2,900	.....	.....	1,800	550	500	50
20	Coffee and spice, roasting and grinding	3	14,725	44,600	5,000	5,000	15,400	8,000	3,200	8,000
21	Coffins and burial cases, trimming and finishing	19	74,250	83,300	12,300	8,400	9,578	13,047	3,150	36,825
22	Confectionery	16	122,700	89,005	9,300	1,750	21,300	11,340	10,515	34,800
23	Cooperage	6	16,400	17,800	2,000	1,000	5,150	4,805	1,310	3,535
24	Cotton goods. (See also Hosiery and knit goods.)	16	355,780	3,763,432	834,580	637,800	1,023,843	192,917	697,187	377,105
25	Dentistry, mechanical	8	26,350	7,028	.....	.....	4,075	448	155	2,350
26	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	10	9,150	22,455	3,300	5,300	5,450	2,450	3,380	2,575
27	Dyeing and cleaning	5	22,350	10,000	.....	.....	5,100	300	800	3,800
28	Dyeing and finishing textiles	6	33,415	3,008,965	285,000	832,228	1,014,682	351,362	313,690	212,003
29	Electroplating	12	84,000	181,401	.....	.....	37,625	10,325	38,925	94,526
30	Enameled goods	4	23,900	23,610	.....	.....	6,700	3,250	5,910	7,750
31	Enameling	7	17,450	21,600	5,000	3,000	5,350	2,100	1,000	5,150
32	Engraving, wood	4	5,600	1,740	.....	.....	600	570	330	240
33	Fancy articles, not elsewhere specified	4	13,600	36,097	.....	.....	26,347	1,675	5,175	2,900
34	Files. (See also Cutlery and edge tools.)	8	22,975	582,110	50,050	150,300	155,950	44,975	90,325	90,510
35	Food preparations. (See also Fruits and vegetables, canning and preserving.)	3	7,385	1,797	.....	.....	1,050	130	302	315
36	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	59	494,100	9,600,687	1,229,481	1,619,289	2,721,011	528,490	1,223,519	2,278,897
37	Fur goods. (See also Hats and caps, not including wool hats.)	4	7,475	10,400	.....	.....	700	6,200	3,500	.....
38	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	29	112,750	69,537	.....	5,000	12,660	25,780	14,272	11,825
39	Furniture, factory product	4	57,350	62,050	.....	6,000	11,200	27,270	8,680	3,900
40	Gas and lamp fixtures	4	23,350	55,400	.....	.....	20,900	7,950	14,500	12,050
41	Gold and silver, reducing and refining, not from the ore.	10	61,850	300,425	29,000	38,000	42,200	16,200	40,450	134,575
42	Hairwork	10	41,700	14,765	.....	.....	1,650	8,375	3,290	1,450
43	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	4	27,000	291,250	35,000	40,000	84,000	37,500	33,250	61,500
44	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	4	19,400	67,665	4,000	6,500	11,500	3,800	13,400	28,465
45	Ivory and bone work	6	13,450	42,385	.....	.....	18,800	1,950	2,850	18,785
46	Jewelry. (See also Watch, clock, and jewelry repairing.)	170	1,254,080	5,936,051	31,600	110,050	1,093,527	425,801	1,528,406	2,745,667
47	Leather, dressed skins	3	10,000	22,450	1,000	1,500	2,250	7,000	4,500	6,200
48	Lock and gun smithing	7	21,000	6,000	.....	.....	4,700	660	40	600
49	Looking-glass and picture frames	12	47,950	44,135	.....	.....	5,910	18,325	13,500	6,400
50	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	9	85,600	231,200	10,100	29,600	55,500	31,600	26,200	78,200
51	Marble and stone work. (See also Monuments and tombstones.)	10	27,850	99,242	15,000	5,450	17,260	4,400	15,080	42,052
52	Masonry, brick and stone. (See also Plastering and stucco work.)	24	16,100	160,550	15,700	11,600	23,770	2,300	10,030	97,150
53	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	20,000	21,500	.....	.....	3,000	5,550	7,050	5,900
54	Millinery, custom work	52	170,000	82,520	750	2,000	1,274	50,993	16,008	11,495
55	Mineral and soda waters	9	12,135	44,725	5,575	3,700	22,700	3,825	1,635	7,290
56	Models and patterns	6	14,075	10,925	.....	.....	5,700	325	1,600	3,300

a Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in Providence. This industry is reported as at the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The data are included in "All other industries" in order that the operations of individual establishments may not be disclosed.

BY SPECIFIED INDUSTRIES: 1890—Continued.

PROVIDENCE, R. I.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$5,082,048	$694,542	$370,209	$214,479	$566,746	$92,739	$864,495	$2,278,838	42,124	$20,793,309	2,633	$2,886,228	504	$221,281	1
2,604	1,375	125	67	37			1,000	38	26,570	8	9,740			2
13,889	11,855	476	340	280		268	670	191	124,883	58	43,460			3
6,473	3,833	247	393	200			1,800	68	33,082	4	5,280			4
2,307	810	398	1,099					55	28,742	6	7,560			5
15,568	14,902	134	180	95			257	222	103,827	133	64,693			6
22,337	4,000	82	741	50	10,000	1,500	5,964	193	36,032	2	2,000			7
12,215	7,550	15	750	2,200		700	1,000	91	44,750	5	4,824			8
2,324	1,350	647	42				285	31	21,741	7	7,450			9
32,413	19,700	1,677	2,016	3,475		10	5,535	310	173,064	48	40,096	13	4,498	10
812	556	28	54				180	17	5,883	3	1,848			11
8,464	3,950	26	714	1,000		622	2,152	110	49,384	7	6,660	1	728	12
86,817	17,231	1,116	2,003	1,224	53,609	1,856	9,778	1,038	743,552	123	110,934	2	696	13
2,122	1,610	25	170	250			67	15	7,758	4	3,230			14
14,616	11,472	683	1,104	563		260	534	197	123,934	22	18,846			15
61,885	34,319	646	1,323	426	23,373	190	1,608	656	313,066	83	68,023			16
264,987	22,370	7	2,555	50			240,005	388	172,572	26	47,088	2	900	17
42,692	38,661	156	403	90			3,382	906	295,488			306	139,492	18
733	722	2	4	5				17	6,276					19
3,037	1,100	195	142	100		1,500		26	19,226	13	11,000			20
9,752	6,682	772	493	70		180	1,555	47	28,296	22	15,835			21
18,213	10,689	611	891	557		550	4,915	149	69,508	33	18,315	7	2,288	22
13,646	1,475	142	149	860		200	10,820	36	20,302	7	5,686			23
362,694	15,113	29,985	11,630	22,722		56,373	226,871	3,162	1,051,294	43	50,036	1	300	24
2,486	2,370	27	64				25	15	11,510	10	9,641			25
1,446	915	145	116			70	200	20	10,638	9	6,480			26
2,288	2,120		127	10			31	28	13,794	5	4,044			27
275,997	2,506	15,927	10,954	77,659		80,181	88,770	1,661	733,780	40	67,539	3	1,248	28
9,679	6,710	373	771	450			1,375	109	85,975	15	25,037			29
7,038	2,150	320	583	1,210		600	2,175	104	38,763	9	8,055			30
3,550	1,564	128	1,087	150			621	54	28,630	9	8,864			31
564	560		4					10	6,660	3	2,448			32
2,425	1,226	4	294	128		240	533	53	21,222	6	6,585			33
9,908	2,066	3,308	694	300		20	3,520	393	203,137	20	24,527			34
889	664		16				209	8	2,762	4	1,450			35
342,928	41,998	43,341	23,092	73,773	150	68,108	92,466	5,012	3,494,447	240	316,383	7	3,473	36
688	677						11	21	6,340	1	1,000	3	1,388	37
13,563	10,594	159	1,096	45		580	1,089	140	83,050	29	21,014			38
7,788	5,340	384	850	471			743	95	68,664	9	11,548			39
3,240	2,100	282	358	225			275	51	25,780	7	7,320			40
19,370	5,875	668	995	1,125		1,442	9,265	81	79,538	11	30,742			41
4,176	4,055	12	73				36	25	11,692	3	2,530	2	590	42
17,452	2,500	885	1,917	2,680		2,650	6,820	487	139,492	6	7,097			43
3,960	1,788	113	219	150		140	1,550	79	46,315	6	6,200			44
3,027	1,302	30	72				1,623	42	23,097	8	7,147			45
306,624	94,056	13,344	19,194	8,649	2,982	59,984	108,415	4,380	2,581,947	398	515,164	49	21,140	46
1,549	1,000	59	181	110		174	25	13	8,260	3	2,360			47
2,139	1,992	3	45	10			89	15	11,336	9	7,944			48
6,061	4,647	42	255	20		86	1,011	55	34,604	12	10,810	1	208	49
16,096	7,845	646	3,430	1,900		1,000	1,275	101	64,669	15	13,899			50
5,968	2,645	170	207	1,010		440	1,496	145	96,397	17	17,072			51
8,066	1,576	407	317	470		35	6,161	493	324,922	26	28,552			52
2,115	1,900	53	102	60				44	18,730	6	4,784	1	200	53
17,120	16,110	54	601			22	333	155	57,111	11	8,370	20	13,401	54
10,364	1,182	156	286	1,215		600	6,925	39	20,173	10	6,047			55
1,528	1,320	8	45	70			85	15	11,250	5	4,670			56

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PROVIDENCE, R. I.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Pieceworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	24,120	$12,997,402	8,616	$2,469,430	1,865	$300,826	2,056	$1,238,636	2,290	$672,239
2	Awnings, tents, and sails	20	13,950	10	2,880						
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	131	81,123			1	150	1	150		
4	Bookbinding and blank-book making. (See also Printing and publishing.)	28	16,942	31	9,910	5	950				
5	Boot and shoe findings	15	9,766	27	10,316	7	1,100				
6	Boots and shoes, custom work and repairing	50	23,068	2	600			33	14,058	4	1,408
7	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	33	9,874	109	16,574	1	104			48	8,380
8	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	76	34,926					10	5,000		
9	Brass castings and brass finishing. (See also Plumbers' supplies.)	24	14,291								
10	Bread and other bakery products	211	116,079	36	10,123	2	468				
11	Brooms and brushes	2	1,300	10	2,675						
12	Buttons	55	27,739	26	6,529	6	791	8	4,958	7	1,979
13	Carpentering	910	631,222					3	700		
14	Carriage and wagon materials	10	4,378			1	150				
15	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	175	105,088								
16	Clothing, men's, custom work and repairing	149	86,345	89	25,976	11	1,804	151	76,265	173	54,653
17	Clothing, men's, factory product	133	55,542	218	66,042			9	3,000		
18	Clothing, women's, dressmaking	4	3,018	564	148,778			2	200	30	4,000
19	Clothing, women's, factory product	1	936	9	3,040					7	2,300
20	Coffee and spice, roasting and grinding	9	5,790	4	1,536						
21	Coffins and burial cases, trimming and finishing	22	12,226					2	175	1	60
22	Confectionery	67	36,536	42	12,369						
23	Cooperage	28	14,626					1	50		
24	Cotton goods. (See also Hosiery and knit goods.)	973	408,660	1,445	397,377	295	48,075	85	37,972	307	106,475
25	Dentistry, mechanical	4	1,378	1	500						
26	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	8	3,158	3	1,000						
27	Dyeing and cleaning	13	6,582	9	3,018	1	150				
28	Dyeing and finishing textiles	1,318	582,793	220	58,448	46	7,650	10	8,632	24	7,470
29	Electroplating	90	60,168	1	260	3	510				
30	Enameled goods	38	18,386	27	6,322	20	3,000	10	3,000		
31	Enameling	23	13,070	20	6,280	2	416				
32	Engraving, wood	7	4,212								
33	Fancy articles, not elsewhere specified	29	11,922	18	2,715						
34	Files. (See also Cutlery and edge tools.)	178	86,705	37	14,000	17	3,800	135	72,405	6	1,700
35	Food preparations. (See also Fruits and vegetables, canning and preserving.)	4	1,312								
36	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	5,315	2,905,735	42	14,557	9	1,417	290	252,882		
37	Fur goods. (See also Hats and caps, not including wool hats.)	1	780	16	3,172						
38	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	87	53,632	14	4,928	1	156	9	3,320		
39	Furniture, factory product	81	55,616	4	1,250	1	250				
40	Gas and lamp fixtures	44	18,460								
41	Gold and silver, reducing and refining, not from the ore.	67	46,904			1	192	2	1,700		
42	Hairwork	10	5,510	4	1,162			1	600	5	1,300
43	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	61	28,388	216	66,025	31	3,940	3	1,282	165	32,000
44	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	73	40,115								
45	Ivory and bone work	30	14,682	4	1,268						
46	Jewelry. (See also Watch, clock, and jewelry repairing.)	2,540	1,540,507	962	276,923	54	8,230	248	173,547	129	46,436
47	Leather, dressed skins	5	2,900					5	3,000		
48	Lock and gun smithing	6	3,392								
49	Looking-glass and picture frames	38	22,480	2	800	1	156	1	150		
50	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	86	50,770								
51	Marble and stone work. (See also Monuments and tombstones.)	126	79,037			2	288				
52	Masonry, brick and stone. (See also Plastering and stuccowork.)	467	296,370								
53	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	21	9,862	13	2,874	1	250			2	700
54	Millinery, custom work	4	1,500	110	33,640	1	200				
55	Mineral and soda waters	29	14,126								
56	Models and patterns	10	6,580								

BY SPECIFIED INDUSTRIES: 1890—Continued.

PROVIDENCE, R. I.—Continued.

Average number of employes and total wages—continued.		Cost of materials used.						Value of products.			
Pieceworkers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
40	$7,357	$30,794,241	$36,510,604	$817,070	$90,964	$294,158	$2,081,445	$77,467,283	$69,376,018	$8,091,265	1
.....	.....	32,486	31,976	60	140	.....	310	67,810	63,510	4,300	2
.....	.....	63,541	59,203	2,802	.....	.....	1,536	237,043	185,559	51,484	3
.....	.....	26,414	25,900	240	274	.....	.....	84,145	84,145	.....	4
.....	.....	67,750	65,920	1,340	390	.....	100	112,000	112,000	.....	5
.....	.....	57,858	56,459	728	.....	12	659	182,493	109,816	72,677	6
.....	.....	41,016	39,106	1,160	.....	750	.....	119,000	119,000	.....	7
.....	.....	69,500	66,000	1,500	.....	1,200	800	157,200	157,200	.....	8
.....	.....	58,310	56,372	1,843	.....	95	.....	84,919	84,919	.....	9
.....	.....	521,593	469,355	9,517	150	.....	42,571	883,148	871,648	11,500	10
2	60	5,547	5,315	35	60	37	100	15,110	14,960	150	11
.....	.....	46,978	41,725	165	1,416	700	2,972	131,857	131,857	.....	12
.....	.....	907,049	881,330	2,166	2,736	270	20,547	1,915,126	1,791,082	124,044	13
.....	.....	9,345	8,910	220	120	.....	95	23,350	17,650	5,700	14
.....	.....	97,423	92,868	2,184	700	.....	1,671	275,436	89,115	186,321	15
.....	.....	302,779	300,854	1,562	.....	.....	363	806,121	774,003	32,118	16
.....	.....	364,480	364,240	105	.....	.....	135	835,522	835,522	.....	17
.....	.....	680,400	675,246	3,355	.....	.....	1,799	1,099,951	1,091,896	8,055	18
.....	.....	17,164	17,000	20	144	.....	.....	34,200	34,200	.....	19
.....	.....	118,485	115,840	945	.....	300	1,400	159,250	155,750	3,500	20
.....	.....	68,732	68,212	120	.....	.....	400	130,462	124,962	5,500	21
.....	.....	178,545	175,246	1,104	550	25	1,620	333,767	333,467	300	22
.....	.....	39,776	39,640	36	.....	.....	100	80,232	38,232	42,000	23
13	2,399	1,969,954	1,666,152	86,308	3,775	76,163	137,556	3,767,589	3,024,063	743,526	24
.....	.....	3,492	3,362	160	30	.....	.....	21,910	21,610	300	25
.....	.....	10,649	9,324	.....	.....	.....	1,325	28,818	28,318	500	26
.....	.....	3,013	1,795	912	150	.....	156	24,813	24,813	.....	27
.....	.....	769,728	482,568	117,995	500	.....	159,665	1,957,690	1,957,690	.....	28
.....	.....	449,821	440,415	1,666	3,165	375	4,200	649,892	644,092	5,800	29
.....	.....	24,821	20,630	1,035	156	.....	3,000	85,000	85,000	.....	30
.....	.....	3,511	2,530	606	275	100	.....	41,798	28,298	13,500	31
.....	.....	650	650	.....	.....	.....	.....	8,808	8,808	.....	32
.....	.....	13,754	12,410	394	350	100	500	49,400	48,800	600	33
.....	.....	126,223	81,829	11,829	580	31,700	285	390,280	387,780	2,500	34
.....	.....	2,048	1,869	179	.....	.....	.....	8,500	8,500	.....	35
.....	.....	3,114,333	2,716,809	137,141	7,071	50,893	202,419	8,351,085	8,070,029	281,056	36
.....	.....	34,917	34,900	12	.....	.....	5	42,726	41,582	1,144	37
.....	.....	133,245	129,464	286	90	40	3,365	256,600	242,650	13,950	38
.....	.....	30,520	28,679	866	630	220	125	126,500	126,300	200	39
.....	.....	29,958	23,100	650	508	200	5,500	70,200	60,700	9,500	40
.....	.....	1,162,168	1,150,237	4,743	216	6,010	962	1,419,553	1,395,379	24,174	41
.....	.....	8,432	8,275	82	.....	.....	75	28,770	21,700	7,070	42
5	760	256,004	242,467	2,858	1,500	.....	9,179	497,100	452,700	44,400	43
.....	.....	61,994	60,094	600	100	.....	1,200	120,084	120,084	.....	44
.....	.....	14,101	12,861	106	524	210	400	47,286	47,286	.....	45
.....	.....	3,220,702	3,086,605	16,388	33,872	5,363	78,474	7,801,003	7,796,137	4,866	46
.....	.....	20,550	20,445	55	50	.....	.....	35,082	35,082	.....	47
.....	.....	2,870	2,535	143	192	.....	.....	17,195	15,795	1,400	48
.....	.....	58,679	58,602	27	50	.....	.....	123,370	123,370	.....	49
.....	.....	112,027	109,530	462	210	1,025	800	209,431	192,431	17,000	50
.....	.....	38,602	37,765	650	.....	80	107	159,144	144,144	15,000	51
.....	.....	426,196	423,075	296	.....	.....	2,825	870,907	824,699	46,208	52
.....	.....	25,191	23,006	80	.....	.....	2,105	50,700	31,700	19,000	53
.....	.....	122,947	122,740	207	.....	.....	.....	227,358	226,458	900	54
.....	.....	26,928	21,203	712	.....	.....	5,013	74,815	52,215	22,600	55
.....	.....	2,312	1,763	6	395	18	130	18,268	15,268	3,000	56

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PROVIDENCE, R. I.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
57	Monuments and tombstones. (See also Marble and stone work.)	6	$8,350	$22,947	$1,000	$500	$1,850	$2,438	$7,041	$10,118
58	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials.)	3	5,550	1,830	.....	.....	710	120	800	200
59	Oil, lubricating	5	23,150	102,090	1,300	5,000	14,397	21,109	13,260	47,024
60	Oleomargarine	3	36,000	114,000	.....	.....	19,000	12,000	17,000	66,000
61	Painting and paper hanging	77	140,250	138,826	1,300	150	23,431	25,644	16,531	71,770
62	Paints. (See also Chemicals.)	6	22,650	129,875	10,000	17,657	26,144	8,440	13,000	54,634
63	Paper goods, not elsewhere specified	4	14,000	33,279	.....	.....	10,395	1,400	2,392	19,092
64	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	12	31,550	832,466	27,000	17,200	15,216	30,939	154,825	587,286
65	Paving and paving materials	3	6,250	21,490	.....	400	3,721	1,957	200	15,212
66	Photography	21	110,225	74,905	.....	.....	53,315	6,905	7,310	7,375
67	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	200	54,475	2,000	10,250	9,500	11,300	20,325	1,100
68	Plastering and stucco work. (See also Masonry, brick and stone.)	10	18,000	16,855	.....	450	6,400	380	2,925	6,700
69	Plumbing and gas fitting	46	110,200	177,319	16,000	11,800	29,260	18,850	23,172	78,237
70	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	28	232,507	301,764	.....	.....	208,050	19,083	30,705	43,926
71	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	20	91,723	331,150	62,620	90,000	95,175	4,005	2,400	76,950
72	Rubber and elastic goods	3	220,000	285,764	.....	.....	58,570	40,464	58,218	128,512
73	Saddlery and harness	27	85,000	81,184	.....	.....	26,128	7,395	20,558	27,103
74	Sausage. (See also Slaughtering and meat packing, wholesale.)	5	16,000	12,450	2,400	1,150	4,250	2,100	950	1,600
75	Shipbuilding	3	1,575	4,420	1,000	1,000	1,400	350	320	350
76	Shoddy	4	33,000	90,850	2,000	5,000	60,000	7,000	1,450	15,400
77	Silverware	4	53,538	3,002,232	125,000	250,000	572,500	260,000	1,308,258	486,474
78	Slaughtering and meat packing, wholesale. (See also Sausage.)	6	54,424	245,500	15,000	8,000	29,500	8,300	73,100	111,600
79	Soap and candles. (See also Grease and tallow).	8	20,000	110,809	10,900	13,100	30,700	10,959	9,710	35,440
80	Sporting goods	4	6,350	149,210	6,000	25,000	41,100	12,100	15,000	50,010
81	Stationery goods, not elsewhere specified	5	13,825	23,850	.....	.....	7,600	5,106	3,600	7,544
82	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	36	122,250	196,065	11,750	9,000	38,146	27,212	29,510	80,447
83	Tobacco, cigars and cigarettes	15	34,000	45,068	.....	.....	4,628	23,197	8,208	9,035
84	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	10	20,000	55,172	800	1,500	29,100	3,801	5,615	14,356
85	Umbrellas and canes	4	26,850	31,175	.....	.....	10,750	1,625	3,550	15,250
86	Watch, clock, and jewelry repairing. (See also Jewelry.)	6	6,100	3,165	.....	.....	1,800	630	375	360
87	Window shades	3	50,750	76,784	.....	.....	2,700	6,878	33,000	34,206
88	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	8	38,000	34,680	.....	.....	21,200	3,275	5,500	4,705
89	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	9	44,650	44,000	.....	.....	15,500	5,750	9,375	14,275
90	Worsted goods. (See also Woolen goods.)	14	561,726	11,565,798	487,019	1,837,535	3,536,518	2,141,439	2,187,056	1,376,231
91	All other industries. (a)	103	687,676	15,470,517	980,768	2,021,434	4,567,266	1,337,406	2,264,704	4,298,930

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1	All industries	102	233,053	1,278,702	191,220	93,685	485,867	131,445	102,688	273,887
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	6	11,800	7,130	20	30	1,750	1,150	430	3,750
3	Boots and shoes, custom work and repairing	14	13,125	19,199	10,800	5,230	1,385	484	215	1,085
4	Brick and tile	9	27,500	148,731	21,300	12,700	40,523	.....	33,050	41,158
5	Carpentering	10	4,175	37,088	10,200	1,400	3,630	1,280	300	20,278
6	Clothing, men's, custom work and repairing	6	13,750	34,226	9,500	3,000	1,560	11,786	1,292	7,088
7	Clothing, women's, dressmaking	4	10,778	4,795	.....	.....	995	500	1,850	1,450
8	Lumber, planing mill products, including sash, doors, and blinds.	3	4,700	98,995	37,400	7,500	10,000	16,020	2,950	25,125
9	Masonry, brick and stone	5	9,300	80,725	.....	.....	11,675	30,250	.....	38,800
10	Millinery, custom work	6	18,500	35,915	12,500	6,000	1,050	13,550	450	2,365
11	Printing and publishing, newspapers and periodicals. (See also Printing and publishing, book and job.)	8	25,885	56,720	.....	.....	33,500	2,570	650	20,000
12	Saddlery and harness	3	15,000	39,700	7,500	7,500	1,550	3,300	12,000	7,850
13	Tobacco, cigars and cigarettes	9	21,500	27,215	200	150	2,195	12,700	3,050	8,920
14	All other industries (b)	19	57,040	688,353	81,800	50,175	376,054	37,855	46,451	96,018

a Embraces agricultural implements, 1; artificial feathers and flowers, 1; belting and hose, leather, 2; bicycle and tricycle repairing, 2; boots and shoes, factory product, 2; boots and shoes, rubber, 1; boxes, cigar, 1; brassware, 2; cars and general shop construction and repairs by steam railroad companies, 1; cheese, butter, and condensed milk, factory product 1; chemicals, 2; clay and pottery products, 2; cleansing and polishing preparations, 1; clocks, 1; coffins, burial cases, and undertakers' goods, 1; collars and cuffs, paper, 1; corsets, 1; cotton waste, 2; cutlery and edge tools, 1; dye stuffs and extracts, 2; electrical apparatus and supplies, 2; engraving and diesinking, 1; engraving, steel, including plate printing, 1; flavoring extracts, 1; flouring and grist mill products, 2; foundry supplies, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; gas stoves, 1; glass, cutting, staining, and ornamenting, 2; gold and silver, leaf and foil, 1; grease and tallow, 1; hand stamps, 2; hardware, 2; hats and caps, not including wool hats, 2; hooks and eyes, 1; instruments, professional and scientific, 1; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; jewelry and instrument cases, 2; kindling wood, 1; lapidary work, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; liquors, malt, 2; lithographing and engraving, 1; lumber and other mill products from logs or bolts, 1; millinery and lace goods, 1; musical instruments, organs and materials, 1; oil, cottonseed and cake, 1; ordnance and ordnance stores, 1; pencils, lead, 1; pens, fountain and

BY SPECIFIED INDUSTRIES: 1890—Continued.

PROVIDENCE, R. I.—Continued.

MICELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$2,124	$791	$60	$74	$8	$250	.....	$941	29	$21,162	5	$4,380	.....	.....	57
551	540	.....	11	.....	.....	.....	.....	4	2,310	4	2,310	.....	.....	58
17,482	2,290	255	765	100	.....	$220	13,852	40	31,042	23	22,846	2	$1,020	59
74,325	3,400	65,335	480	950	.....	60	4,100	53	36,946	15	19,524	1	364	60
18,576	13,701	166	487	709	.....	378	3,135	500	359,005	64	55,219	.....	.....	61
6,449	2,250	78	1,546	75	.....	100	2,400	45	32,610	23	19,024	1	300	62
4,294	1,280	239	215	576	.....	103	1,881	37	14,075	6	4,800	.....	.....	63
9,991	2,935	363	2,840	511	.....	262	3,080	72	51,976	27	30,068	1	450	64
4,880	625	10	21	900	.....	360	2,964	78	39,560	7	4,912	.....	.....	65
13,657	10,303	80	379	1,560	.....	860	475	86	58,567	15	22,574	5	2,278	66
7,791	25	45	36	85	.....	.....	7,600	27	13,350	6	5,450	.....	.....	67
2,303	1,720	4	53	.....	.....	.....	616	83	61,490	11	8,056	.....	.....	68
22,389	10,563	526	442	.....	.....	80	10,778	251	158,797	48	39,942	3	1,320	69
47,543	15,113	378	2,534	703	125	5,805	22,885	321	192,254	51	52,588	5	2,070	70
151,957	5,962	2,821	1,364	6,200	.....	5,890	129,720	327	235,464	41	44,635	4	1,526	71
53,986	15,300	15	1,441	.....	.....	.....	37,230	389	159,106	20	21,664	1	416	72
11,314	8,047	241	539	170	.....	75	2,242	125	69,780	30	25,121	.....	.....	73
7,126	1,570	17	154	310	.....	30	5,045	30	19,676	4	2,994	.....	.....	74
144	126	8	10	.....	.....	.....	.....	8	5,540	3	2,140	.....	.....	75
15,332	2,800	347	2,552	4,800	.....	633	4,200	68	37,944	8	11,500	.....	.....	76
367,389	3,480	7,019	8,372	10,200	.....	41,321	296,997	1,034	780,935	64	93,400	1	500	77
13,641	5,275	1,285	977	1,050	.....	.....	5,054	162	97,054	24	19,748	2	670	78
27,558	1,700	1,701	3,062	5,038	300	.....	15,757	210	90,828	18	28,026	1	624	79
2,944	600	404	590	.....	150	1,200	.....	111	61,110	9	9,766	.....	.....	80
1,750	1,259	.....	191	.....	.....	200	100	28	14,094	6	6,200	2	600	81
24,662	12,103	639	895	1,743	.....	1,555	7,727	265	169,991	49	45,069	.....	.....	82
17,875	3,062	12,107	355	25	.....	402	1,924	112	41,718	9	7,354	1	235	83
2,150	1,856	74	200	.....	.....	.....	20	52	35,809	12	11,197	.....	.....	84
5,434	2,455	213	336	1,000	.....	1,380	50	106	51,889	11	7,665	.....	.....	85
610	545	.....	40	.....	.....	.....	25	8	5,047	7	4,147	.....	.....	86
10,248	4,540	.....	598	250	.....	780	4,080	84	38,712	9	12,696	.....	.....	87
4,755	3,490	99	246	.....	.....	.....	920	52	26,558	13	9,630	.....	.....	88
5,933	4,016	230	537	750	.....	.....	400	50	34,529	9	9,615	.....	.....	89
1,063,629	24,239	45,943	38,942	130,637	.....	449,004	374,774	8,877	3,299,607	85	143,641	3	1,022	90
949,574	61,909	110,264	47,887	192,252	1,800	73,126	462,336	5,588	2,570,980	269	336,890	44	17,276	91

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92,792	25,627	10,954	5,027	10,171	200	13,148	27,665	1,071	769,346	118	129,609	16	9,978	1
1,729	1,540	103	32	20	.....	.....	34	18	17,057	7	7,800	.....	.....	2
1,792	1,643	52	34	1	.....	20	42	20	12,098	14	9,030	.....	.....	3
9,787	2,643	323	90	3,418	.....	2,648	665	261	107,933	14	13,415	.....	.....	4
2,936	522	258	175	100	200	767	914	81	83,772	12	13,338	.....	.....	5
3,163	1,712	972	172	270	.....	.....	37	36	30,373	6	8,708	.....	.....	6
1,677	1,416	125	37	.....	.....	.....	99	34	18,506	.....	.....	4	3,120	7
2,606	456	600	300	600	.....	650	.....	54	49,208	8	10,900	.....	.....	8
4,644	1,162	290	370	222	.....	100	2,500	128	117,366	4	6,964	.....	.....	9
3,881	2,280	752	431	.....	.....	210	208	22	12,786	.....	.....	9	5,724	10
28,335	2,654	740	389	585	.....	1,237	22,730	78	70,622	18	19,652	1	150	11
3,314	1,380	460	237	25	.....	1,200	12	19	16,294	4	3,812	.....	.....	12
5,852	1,944	3,540	229	50	.....	77	12	33	21,186	6	5,292	.....	.....	13
23,076	6,275	2,739	2,531	4,880	.....	6,239	412	287	212,145	25	20,698	2	984	14

stylographic, 1; pens, gold, 1; perfumery and cosmetics, 1; photolithographing and engraving, 1; plumbers' supplies, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; rules, ivory and wood, 1; safes and vaults, 1; saws, 1; scales and balances, 1; screws, wood, 1; sewing machines and attachments, 2; shirts, 2; silk and silk goods, 2; silversmithing, 1; smelting and refining, 1; starch, 1; steam fittings and heating apparatus, 2; stencils and brands, 2; stereotyping and electrotyping, 1; taxidermy, 1; timber products, not manufactured at mill, 1; trunks and valises, 2; upholstery materials, 1; watch cases, 1; windmills, 1; woolen goods, 1.

b Embraces brass castings and brass finishing, 1; bread and other bakery products, 1; brooms and brushes, 1; carpets, rag, 1; carriages and wagons, including custom work and repairing, 2; cars and general shop construction and repairs by steam railroad companies, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; hand stamps, 1; ironwork, architectural and ornamental, 2; mineral and soda waters, 1; paving and paving materials, 1; printing and publishing, book and job, 1; taxidermy, 1; trunks and valises, 1; watch, clock, and jewelry repairing, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PROVIDENCE, R. I.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
57	Monuments and tombstones. (See also Marble and stone work.)	24	$16,782								
58	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials.)										
59	Oil, lubricating	15	7,176								
60	Oleomargarine	37	17,058								
61	Painting and paper hanging	438	303,172	1	$144	2	$312	1	$158		
62	Paints. (See also Chemicals.)	21	12,386								
63	Paper goods, not elsewhere specified	4	3,141	14	2,850	6	1,000			7	$2,284
64	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	24	14,570	19	6,732	1	156				
65	Paving and paving materials	71	34,048								
66	Photography	36	23,547	27	9,494			2	596	1	78
67	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	16	6,350	2	800						
68	Plastering and stuccework. (See also Masonry, brick and stone.)	72	52,534								
69	Plumbing and gas fitting	200	117,535								
70	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	196	117,054	54	12,452	4	740	9	6,600	2	750
71	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	140	117,168	5	2,369	75	9,156	62	60,610		
72	Rubber and elastic goods	137	66,626	103	23,100			65	18,700	63	28,600
73	Saddlery and harness	75	38,721	15	4,382	1	156	4	1,400		
74	Sausage. (See also Slaughtering and meat packing, wholesale.)	26	16,772								
75	Shipbuilding	5	3,400								
76	Shoddy	57	25,508	3	936						
77	Silverware	910	648,291	34	12,344			25	26,400		
78	Slaughtering and meat packing, wholesale. (See also Sausage.)	133	75,886			3	750				
79	Soap and candles. (See also Grease and tallow.)	94	43,760			97	18,418				
80	Sporting goods	90	47,652	4	1,972					8	1,720
81	Stationery goods, not elsewhere specified	15	5,594	5	1,700						
82	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	205	119,327	2	550	1	156	8	4,889		
83	Tobacco, cigars and cigarettes	12	5,612	16	4,610			9	4,204	61	19,145
84	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	40	24,612								
85	Umbrellas and canes	83	40,360	10	3,500					2	364
86	Watch, clock, and jewelry repairing. (See also Jewelry.)	1	900								
87	Window shades	64	22,404	11	3,612						
88	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	38	16,628	1	300						
89	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	41	24,914								
90	Worsted goods. (See also Woolen goods.)	4,061	1,814,198	3,194	1,011,783	1,063	172,820	38	23,644	433	132,499
91	All other industries	2,800	1,411,759	751	151,933	92	12,965	814	428,389	805	217,938

PUEBLO, COLO.—Continued.

1	All industries	775	546,053	71	29,928	28	5,254	62	47,300	1	624
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	10	8,997			1	260				
3	Boots and shoes, custom work and repairing	1	480					5	2,588		
4	Brick and tile	222	90,185			19	3,044	6	1,289		
5	Carpentering	69	70,434								
6	Clothing, men's, custom work and repairing	15	12,677	6	1,760	1	156	7	6,448	1	624
7	Clothing, women's, dressmaking			30	15,386						
8	Lumber, planing mill products, including sash, doors, and blinds.	45	37,308					1	1,000		
9	Masonry, brick and stone	124	110,402								
10	Millinery, custom work			13	7,062						
11	Printing and publishing, newspapers and periodicals. (See also Printing and publishing, book and job.)	33	26,891			2	494	24	23,435		
12	Saddlery and harness	15	12,482								
13	Tobacco, cigars and cigarettes	4	2,834			5	1,300	18	11,760		
14	All other industries	237	173,963	22	5,720			1	780		

BY SPECIFIED INDUSTRIES: 1890—Continued.

PROVIDENCE, R. I.—Continued.

Average number of employés and total wages—continued.		Cost of materials used.						Value of products.			
Piecework ers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
		$9,180	$9,084	$56			$40	$39,875	$39,475	$400	57
		1,419	1,154				265	4,061	3,361	700	58
		110,433	109,591	842				197,104	197,104		59
		441,787	428,521	1,100	$850		11,316	573,600	573,600		60
		151,475	146,463	452			4,560	588,479	472,265	116,214	61
		96,511	94,912	1,209	380		10	158,417	158,417		62
		14,633	12,969	138	456	$100	970	40,668	40,668		63
		72,845	47,583	676			24,586	307,565	307,565		64
		17,228	15,953	1,275				86,569	86,569		65
		48,972	48,485	187			300	151,000	151,000		66
3	$750	62,943	53,985	633		5	8,320	109,300	109,300		67
		19,171	19,076	55			40	97,900	60,050	37,850	68
		210,312	207,921	681	300		1,410	441,565	390,001	51,564	69
		132,485	121,489	1,636	3,035		6,325	416,344	386,044	30,300	70
		114,495	107,098	3,872	100		3,425	592,664	592,664		71
		285,085	229,485	5,280	36	125	50,150	509,000	509,000		72
		55,265	53,011	274	170		1,810	153,524	111,304	42,220	73
		38,782	36,242	890			1,650	73,104	73,104		74
		1,448	938				510	8,665	4,800	3,865	75
		438,495	425,950	2,880	900		8,765	564,492	116,960	447,532	76
		1,045,860	977,859	6,074	870	2,057	59,000	2,509,869	2,509,869		77
		1,520,940	1,511,900	2,840			6,200	1,695,105	1,649,400	45,705	78
		544,275	529,924	5,351			9,000	748,252	748,252		79
		42,522	36,600	342	80	500	5,000	134,450	134,450		80
		22,091	21,300		541		250	49,200	49,200		81
		241,823	229,724	3,677	530	546	7,346	491,730	455,303	36,427	82
4	558	44,097	32,859	181			11,057	106,689	106,689		83
		14,560	11,495	445	677	78	1,865	62,026	62,026		84
		20,760	20,100	44	596		20	83,940	83,840	100	85
		2,839	2,693	22	74		50	9,521	9,521		86
		412,290	401,540	600		150	10,000	506,700	506,700		87
		17,007	14,375	205	1,290	100	977	50,840	45,940	4,900	88
		57,199	55,584	980	460	165	10	95,828	95,828		89
		10,728,419	9,749,371	225,228	9,370		744,450	17,605,831	12,460,607	5,145,224	90
13	2,830	6,710,084	6,051,024	130,215	9,180	114,446	405,219	12,853,589	12,551,168	302,421	91

PUEBLO, COLO.—Continued.

		999,966	924,888	36,023	25	1,051	36,479	2,374,631	2,127,870	246,761	1
		6,739	6,340	358			41	28,584		28,584	2
		4,976	4,851	125				23,835	6,082	17,753	3
		28,077		27,622			455	168,319	168,319		4
		106,912	106,912					215,571	103,848	111,723	5
		21,317	20,074	350			893	63,078	57,734	5,344	6
		32,631	32,480	151				62,264	58,000	4,264	7
		44,381	43,100	485		296	500	115,200	106,900	8,300	8
		358,164	358,091	48		25		669,500	645,450	24,050	9
		23,527	23,323	180			24	41,237	34,501	6,736	10
		23,491	21,122	650	25		1,694	145,299	144,299	1,000	11
		17,559	17,091	108			360	54,470	52,470	2,000	12
		21,443	19,757	171			1,515	56,506	56,506		13
		310,749	271,747	6,675		1,330	30,997	730,768	693,761	37,007	14

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

QUINCY, ILL.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries	394	$1,322,880	$6,554,810	$603,750	$1,118,684	$1,245,439	$961,853	$915,926	$1,709,158
2	Agricultural implements	5	9,485	254,460	24,000	37,000	29,700	27,322	55,995	80,443
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	20	18,150	27,540	7,850	6,400	4,000	3,525	1,220	4,545
4	Boots and shoes, custom work and repairing	20	20,000	13,526	3,850	6,350	1,305	1,365	186	470
5	Bread and other bakery products	10	49,735	39,070	1,650	3,500	12,675	11,100	680	9,465
6	Brick and tile	13	.....	143,600	36,500	23,450	16,000	6,100	44,600	16,950
7	Carpentering	19	26,100	182,400	17,900	16,700	24,375	31,600	12,950	78,875
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	10	38,690	505,404	26,400	62,987	29,402	74,887	115,718	196,010
9	Clothing, men's, custom work and repairing	15	47,900	59,750	8,850	5,450	3,625	30,600	1,400	9,825
10	Clothing, women's, dressmaking	18	43,300	28,290	2,500	1,000	2,400	12,900	1,140	8,350
11	Confectionery	4	108,670	38,475	.....	.....	12,500	3,600	9,050	13,325
12	Cooperage	16	1,995	20,580	6,550	2,925	2,570	7,025	510	1,000
13	Dyeing and cleaning	3	8,280	6,115	.....	.....	4,100	515	600	900
14	Fancy articles, not elsewhere specified	3	6,975	3,120	.....	.....	150	2,350	370	250
15	Flouring and grist mill products	5	100,175	291,503	32,500	34,000	117,000	41,473	11,280	55,250
16	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	16	43,815	1,376,950	132,600	224,850	258,623	100,600	264,777	395,500
17	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	4	4,100	35,920	10,000	15,000	670	4,300	2,600	3,350
18	Furniture, factory product. (See also Furniture, chairs.)	3	6,000	15,250	1,600	2,750	1,350	6,100	1,500	1,950
19	Lime and cement	7	.....	150,950	46,000	41,500	21,100	2,700	8,850	30,800
20	Liquors, malt	5	.....	580,504	58,000	236,438	86,165	27,949	56,243	115,700
21	Looking-glass and picture frames	3	3,325	4,985	300	1,100	325	2,900	100	260
22	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	3	8,770	263,000	20,000	21,000	32,500	144,000	14,000	31,500
23	Masonry, brick and stone. (See also Plastering and stuccowork.)	3	.....	32,300	3,000	8,500	1,000	.....	.....	19,800
24	Millinery, custom work	8	31,700	47,200	11,500	14,500	1,055	15,500	2,670	1,975
25	Monuments and tombstones	4	8,650	25,650	1,200	800	1,400	6,100	10,950	5,200
26	Painting and paper hanging	13	30,200	43,215	3,000	3,300	4,505	16,975	800	14,575
27	Patent medicines and compounds	5	12,500	13,825	.....	.....	730	1,115	5,760	6,220
28	Photography	9	36,000	14,505	500	400	10,450	1,500	360	1,295
29	Plumbing and gas fitting	3	8,300	22,700	.....	.....	1,800	7,600	5,000	8,300
30	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	6	26,500	83,120	7,500	15,000	47,325	4,662	2,530	6,103
31	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	13	76,725	96,275	.....	.....	66,400	4,825	1,750	23,300
32	Saddlery and harness	7	74,000	38,385	2,000	8,000	2,860	8,725	6,170	10,630
33	Slaughtering and meat packing, wholesale	3	54,190	103,400	1,000	3,000	100	10,000	21,000	68,300
34	Tinsmithing, coppersmithing, and sheet-iron working.	17	61,675	66,240	10,200	18,350	6,400	10,300	7,640	13,350
35	Tobacco, chewing, smoking, and snuff	3	42,315	235,900	7,000	6,500	33,000	120,500	20,750	48,150
36	Tobacco, cigars and cigarettes	31	65,275	85,563	8,400	13,000	3,699	25,000	9,130	26,334
37	Watch, clock, and jewelry repairing. (See also Jewelry.)	8	51,385	15,550	5,000	2,000	3,100	1,900	50	3,590
38	All other industries (a)	59	198,000	1,589,590	106,400	282,934	401,020	184,240	217,597	397,399

RACINE, WIS.

1	All industries	190	287,206	11,533,207	716,208	1,110,241	1,442,836	1,585,719	1,555,575	5,122,628
2	Agricultural implements	11	74,385	5,573,482	210,500	350,441	556,520	573,453	451,567	3,431,001
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	5	3,950	7,000	3,300	2,150	600	225	.....	725
4	Boots and shoes, custom work and repairing	12	3,880	24,805	6,500	9,100	2,250	1,135	460	5,450
5	Bread and other bakery products	5	5,350	21,650	5,000	13,000	1,300	2,200	.....	150
6	Brick and tile. (See also Clay and pottery products.)	3	.....	56,975	21,000	6,700	2,775	7,050	9,900	9,550
7	Carpentering	8	8,775	17,325	500	500	3,975	2,250	.....	10,100
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	5	5,450	2,347,932	221,090	197,500	180,794	476,669	364,648	907,231
9	Clothing, men's, custom work and repairing	13	29,000	61,975	8,500	13,500	1,350	27,000	5,075	6,550
10	Clothing, women's, dressmaking	7	8,725	1,555	.....	.....	625	.....	.....	930
11	Foundry and machine shop products	6	12,175	219,470	29,684	36,800	40,828	33,200	27,542	51,416
12	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	4	2,100	12,450	4,000	5,000	700	2,075	.....	675
13	Leather, tanned and curried	4	6,825	204,000	11,000	9,000	22,000	29,000	106,500	26,500
14	Liquors, malt	3	.....	180,050	11,600	59,000	50,600	23,650	31,500	3,700
15	Masonry, brick and stone	4	3,635	4,480	.....	.....	3,280	500	.....	700

a Embraces awnings, tents, and sails, 1; axle grease, 1; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 2; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; cheese and butter, urban dairy product, 1; chemicals, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 2; engraving and diesinking, 2; files, 1; furniture, chairs, 1; gas, illuminating and heating, 1; hairwork, 2; hardware, 1; ironwork, architectural and ornamental, 2; jewelry, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

QUINCY, ILL.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$648,086	$101,465	$240,303	$44,677	$47,137	.....	$45,677	$168,827	5,110	$2,429,834	503	$430,432	30	$12,994	1
17,581	790	1,868	2,463	3,250	.....	1,054	8,156	168	81,499	12	14,100	.....	.....	2
2,527	1,447	207	173	.....	.....	.....	700	56	26,063	18	10,188	.....	.....	3
2,074	1,495	149	108	.....	.....	.....	322	26	13,907	21	11,723	.....	.....	4
4,980	3,481	403	623	78	.....	.....	395	55	21,769	11	6,503	1	300	5
1,835	.....	475	135	1,125	.....	.....	100	203	47,058	8	3,272	.....	.....	6
6,594	2,080	599	780	125	.....	.....	3,010	326	170,265	5	4,619	2	780	7
26,597	3,236	2,419	2,858	3,100	.....	7,065	7,319	374	185,945	16	16,844	1	200	8
4,780	3,490	437	217	6	.....	.....	630	90	40,502	12	5,896	.....	.....	9
4,746	3,744	160	292	.....	.....	.....	550	82	21,697	1	520	1	520	10
19,519	7,290	355	824	300	.....	700	10,050	108	39,532	13	10,340	2	800	11
711	159	113	89	.....	.....	.....	350	57	20,521	8	2,598	.....	.....	12
1,102	662	28	75	112	.....	.....	225	19	5,998	1	1,560	.....	.....	13
657	552	23	17	.....	.....	.....	65	6	1,923	2	690	2	900	14
35,204	7,650	2,721	5,317	6,216	.....	4,062	9,238	103	63,505	10	11,747	1	520	15
70,979	3,825	8,447	6,277	7,821	.....	14,207	30,402	786	404,561	68	80,738	1	520	16
1,724	325	400	499	10	.....	.....	490	31	14,054	4	2,820	.....	.....	17
1,092	500	87	160	70	.....	.....	275	23	10,000	1	625	.....	.....	18
6,048	.....	483	740	1,850	.....	.....	2,975	160	55,760	7	5,050	.....	.....	19
106,859	.....	68,417	3,182	3,475	.....	2,800	28,985	126	78,060	15	15,980	.....	.....	20
741	265	228	83	.....	.....	.....	165	6	2,403	3	1,250	.....	.....	21
10,146	750	994	1,701	2,180	.....	2,671	1,850	93	47,509	6	7,080	.....	.....	22
452	.....	67	35	.....	.....	.....	350	63	31,505	1	785	.....	.....	23
4,020	2,376	514	305	.....	.....	.....	825	45	17,459	.....	.....	6	2,288	24
1,541	733	92	61	165	.....	250	240	24	28,446	11	18,040	.....	.....	25
3,990	2,408	293	244	.....	.....	.....	1,045	106	53,730	11	7,561	.....	.....	26
2,248	870	68	50	.....	.....	.....	1,260	20	6,942	7	3,725	.....	.....	27
3,265	2,515	101	167	.....	.....	.....	482	28	18,598	10	10,300	1	780	28
1,200	660	107	98	.....	.....	.....	335	24	11,136	2	1,200	.....	.....	29
3,046	1,934	445	440	100	.....	72	55	43	22,310	10	9,240	.....	.....	30
30,976	5,604	416	686	1,541	.....	384	22,345	175	90,399	19	17,021	2	780	31
8,017	5,915	935	942	100	.....	.....	125	139	76,464	27	18,874	.....	.....	32
20,288	3,900	335	1,213	950	.....	5,290	8,600	93	29,854	7	5,670	3	2,250	33
7,938	4,930	741	562	.....	.....	.....	1,705	65	33,815	12	8,894	.....	.....	34
136,825	3,120	126,345	2,035	1,250	.....	3,000	1,075	171	56,091	12	11,900	1	300	35
18,799	5,217	10,353	516	.....	.....	250	1,963	108	49,738	27	15,511	.....	.....	36
6,150	4,104	856	345	.....	.....	.....	845	22	14,925	7	7,106	.....	.....	37
72,835	15,438	9,122	10,365	13,313	.....	3,272	21,325	1,086	438,091	98	78,863	6	2,050	38

RACINE, WIS.

662,448	28,724	60,105	33,062	31,100	$51,700	99,446	358,311	4,872	2,418,498	383	394,983	29	13,640	1
236,257	7,600	19,065	5,755	4,256	.....	26,405	173,236	1,150	658,854	99	129,293	5	3,010	2
585	435	65	15	20	.....	.....	50	8	4,670	6	3,570	.....	.....	3
1,251	417	256	184	95	.....	141	158	20	8,211	6	2,664	.....	.....	4
1,774	560	249	140	.....	.....	.....	825	16	8,952	6	4,072	.....	.....	5
4,138	.....	275	68	1,050	.....	595	2,150	100	35,450	4	2,050	.....	.....	6
45,025	965	.....	.....	.....	43,260	.....	800	83	49,794	9	7,014	.....	.....	7
108,123	600	6,573	7,528	4,005	.....	29,319	60,098	997	523,571	43	70,680	3	1,524	8
5,179	3,137	451	361	59	.....	206	965	64	29,027	13	9,128	.....	.....	9
1,005	870	.....	.....	.....	.....	.....	135	37	8,482	.....	.....	5	2,880	10
19,426	1,400	894	1,440	2,266	.....	1,375	12,051	288	121,551	15	11,580	1	600	11
1,384	200	550	224	.....	.....	.....	410	8	4,380	2	1,500	.....	.....	12
10,830	750	330	2,100	1,250	.....	4,700	1,200	99	57,844	9	14,700	.....	.....	13
22,541	.....	16,452	889	5,150	.....	.....	50	23	15,300	5	4,380	.....	.....	14
9,432	400	.....	142	.....	8,440	.....	450	60	35,380	6	4,580	.....	.....	15

kaolin and other earth grinding, 1; leather, tanned and curried, 1; liquors, vinous 1; lock and gun smithing, 2; lumber and other mill products from logs or bolts, 2; mattresses and spring beds, 1; mineral and soda waters, 2; models and patterns, 2; musical instruments, organs and materials, 1; paints, 1; paper, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 1; rules, ivory and wood, 1; shipbuilding, 1; shirts, 1; show cases, 2; soap and candles, 1; trunks and valises, 2; varnish, 1; vinegar and cider, 2; wirework, including wire rope and cable, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

QUINCY, ILL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	3,296	$1,529,835	423	$95,579	233	$30,537	479	$302,407	142	$27,650
2	Agricultural implements	131	58,584	1	475			24	8,340		
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	36	15,619			2	256				
4	Boots and shoes, custom work and repairing	5	2,184								
5	Bread and other bakery products	22	11,657	16	2,340	5	969				
6	Brick and tile	131	33,702			39	3,760	25	6,324		
7	Carpentering	314	164,058			5	808				
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	333	153,031	5	1,700	4	670	15	13,500		
9	Clothing, men's, custom work and repairing	34	18,554	4	1,300			40	14,752		
10	Clothing, women's, dressmaking			80	20,657						
11	Confectionery	42	18,776	48	8,991	3	625				
12	Cooperage	6	1,818					43	22,105		
13	Dyeing and cleaning	5	2,044	13	2,394						
14	Fancy articles, not elsewhere specified			2	333						
15	Flouring and grist mill products	92	51,238								
16	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	449	220,579	1	154	12	1,760	255	190,810		
17	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	24	11,770	1	156	2	208				
18	Furniture, factory product. (See also Furniture, chairs.)	22	9,375								
19	Lime and cement	153	50,710								
20	Liquors, malt	110	61,900			1	180				
21	Looking-glass and picture frames	3	1,144								
22	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	84	39,304					3	1,125		
23	Masonry, brick and stone. (See also Plastering and stuccowork.)	62	30,720								
24	Millinery, custom work			39	15,171						
25	Monuments and tombstones	13	9,806								
26	Painting and paper hanging	91	45,301			4	868				
27	Patent medicines and compounds	11	2,905	2	312						
28	Photography	10	5,251	6	2,127	1	50				
29	Plumbing and gas fitting	21	9,728			1	208				
30	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	27	12,271	6	799						
31	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	67	41,509	13	1,586	47	5,998	27	22,605		
32	Saddlery and harness	107	55,884			2	250	3	1,456		
33	Slaughtering and meat packing, wholesale	81	21,284							2	650
34	Tinsmithing, coppersmithing, and sheet-iron working.	50	24,245			3	676				
35	Tobacco, chewing, smoking, and snuff	60	23,791	63	18,100	30	2,000				
36	Tobacco, cigars and cigarettes	25	12,088			10	1,205	42	20,534		
37	Watch, clock, and jewelry repairing. (See also Jewelry.)	11	7,095	2	416	2	308				
38	All other industries	664	301,910	116	18,568	60	9,738	2	856	140	27,000

RACINE, WIS.—Continued.

1	All industries	2,959	1,440,334	317	77,505	110	16,964	868	427,197	183	43,645
2	Agricultural implements	802	382,134	1	260	12	1,834	231	142,323		
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	2	1,100								
4	Boots and shoes, custom work and repairing	18	5,497					1	50		
5	Bread and other bakery products	10	4,880								
6	Brick and tile. (See also Clay and pottery products.)	68	22,850			12	1,350	16	8,600		
7	Carpentering	74	42,180								
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	730	351,580	18	3,750	27	5,700	168	89,000		
9	Clothing, men's, custom work and repairing	18	9,932	12	3,492			15	5,450	6	1,025
10	Clothing, women's, dressmaking			32	5,602						
11	Foundry and machine shop products	176	77,270			6	624	83	30,683		
12	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	6	2,880								
13	Leather, tanned and curried	80	40,144	10	3,000						
14	Liquors, malt	18	10,920								
15	Masonry, brick and stone	54	30,800								

BY SPECIFIED INDUSTRIES: 1890—Continued.

QUINCY, ILL.—Continued

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
4	$400	$5,701,973	$5,160,708	$156,209	$4,670	$2,265	$378,121	$10,395,102	$10,204,624	$190,478	1
		126,035	87,073	2,329	120		36,513	282,725	282,225	500	2
		20,494	19,500	994				57,800	43,600	14,200	3
		6,626	6,350	276				24,855	19,205	5,650	4
		97,055	95,245	1,810				149,656	149,656		5
		21,345		21,215			130	101,100	101,100		6
		316,893	315,500	908	420	65		614,700	592,500	22,200	7
		313,399	302,346	5,075			5,978	600,762	569,391	31,371	8
		40,765	40,300	465				100,550	91,900	8,650	9
		18,690	18,500	190				55,890	55,750	140	10
		93,990	89,790	1,200			3,000	177,500	177,500		11
		26,755	26,600	155				60,400	59,950	450	12
		2,700	2,250	450				10,800	7,800	3,000	13
		1,270	1,250	20				4,100	4,100		14
		1,581,905	1,465,613	9,695		1,600	105,657	1,708,501	1,706,726	1,775	15
		409,724	363,264	25,516			20,944	1,157,817	1,132,261	25,556	16
		10,025	10,000	25				28,500	24,500	4,000	17
		16,300	16,000	300				36,300	34,000	2,300	18
		76,601	2,800	33,454			40,347	169,951	169,951		19
		140,679	127,392	13,287				398,140	398,140		20
		4,025	4,000			25		7,750	7,700	50	21
		207,785	206,960	625		75	125	293,700	293,700		22
		47,000	47,000					90,825	90,000	825	23
		37,715	37,500	215				67,600	64,000	3,600	24
		21,650	21,500	150				74,950	74,800	150	25
		38,645	38,360	285				119,600	113,350	6,250	26
		5,026	4,025	66			935	22,525	22,525		27
		10,415	10,050	365				37,600	37,600		28
		24,110	24,000	110				43,500	40,500	3,000	29
		17,865	16,515	540	720		90	59,150	58,550	600	30
		34,166	29,070	1,216	1,080		2,800	188,385	188,385		31
		122,620	121,750	370	500			220,200	219,000	1,200	32
		581,369	452,450	1,919			127,000	656,321	656,321		33
		45,485	44,650	835				112,250	101,800	10,450	34
		221,975	216,200	2,725			3,050	578,500	578,500		35
4	400	47,775	43,640	304			3,831	122,044	121,994	50	36
		2,740	2,450	290				32,550	15,500	17,050	37
		910,296	850,815	28,830	1,830	1,100	27,721	1,867,605	1,840,144	27,461	38

RACINE, WIS.—Continued.

23	4,224	4,340,308	3,892,246	103,130	800	6,474	337,658	8,462,359	8,133,172	329,187	1
		770,997	592,122	21,857	300		156,718	1,979,613	1,906,508	73,105	2
		2,488	2,300	188				10,000	9,500	500	3
		5,875	5,664	211				19,026	5,905	13,121	4
		16,256	15,500	706			50	34,300	33,000	1,300	5
		12,825		12,650			175	58,700	58,700		6
		104,530	104,360	170				219,000	219,000		7
8	1,337	1,139,205	1,027,106	18,857			93,242	1,902,536	1,891,536	11,000	8
		35,333	35,100	183			50	78,511	71,511	7,000	9
		2,165	2,000	165				16,200	16,200		10
7	785	119,718	97,097	12,717	300	404	9,200	307,701	303,617	4,084	11
		6,505	6,400	100			5	15,900	15,900		12
		592,705	589,580	2,975			150	706,000	698,000	8,000	13
		34,391	30,778	2,363		250	1,000	92,520	92,520		14
		43,673	43,043	30			600	100,750	99,500	1,250	15

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

RACINE, WIS.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
16	Millinery, custom work	4	$9,645	$6,400	.....	.....	$625	$4,325	.....	$1,450
17	Photography	4	9,150	10,800	.....	.....	8,500	000	.....	1,400
18	Plumbing and gas fitting	3	11,325	14,275	.....	.....	1,775	7,500	.....	5,000
19	Printing and publishing newspapers and periodicals. (See also Bookbinding and blank-book making.)	8	28,200	59,364	.....	.....	35,482	4,860	.....	19,022
20	Saddlery and harness	7	6,580	14,395	$1,900	$3,700	975	1,145	$3,625	3,050
21	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	5	7,610	5,125	.....	.....	1,875	1,250	.....	2,000
22	Tobacco, cigars and cigarettes	11	5,450	23,382	6,830	7,860	600	3,633	2,110	2,340
23	Trunks and valises	3	.....	290,887	17,500	26,650	19,342	89,297	67,749	70,349
24	Watch, clock, and jewelry repairing. (See also Jewelry.)	6	7,475	4,850	.....	.....	2,500	1,975	300	75
25	All other industries (*a*)	49	37,521	2,370,490	157,304	369,340	503,565	292,427	484,590	563,264

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1	All industries	435	1,355,858	14,083,374	1,445,178	2,723,603	3,405,642	1,645,157	2,130,770	2,724,024
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	24	15,875	32,380	6,350	11,500	5,565	2,690	2,550	3,725
3	Boots and shoes, custom work and repairing	15	7,425	30,325	11,125	13,665	1,010	1,574	1,286	1,665
4	Bottling. (See also Liquors, malt.)	5	17,500	26,125	4,000	7,500	8,500	1,650	1,000	3,475
5	Boxes, cigar	3	6,000	41,200	2,500	8,500	7,000	7,000	2,400	13,800
6	Boxes, fancy and paper	3	8 175	9,250	600	400	4,750	2,500	150	850
7	Bread and other bakery products	42	58,450	158,139	41,550	65,100	12,618	19,121	2,176	17,574
8	Brick and tile. (See also Clay and pottery products.)	15	132,750	353,329	77,500	106,150	45,090	6,746	63,753	54,090
9	Brooms and brushes	10	7,275	38,930	6,400	10,600	2,350	5,475	6,405	7,700
10	Carpets, rag	7	2,600	19,840	6,400	9,100	850	1,330	1,160	1,000
11	Carriage and wagon materials	3	17,800	51,298	10,000	5,000	7,595	7,693	9,377	11,633
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	3,350	115,650	18,700	29,500	16,525	8,650	17,075	25,200
13	Cheese and butter, urban dairy product	3	6,000	2,440	.....	.....	2,340	.....	.....	100
14	Clothing, men's, custom work and repairing	18	126,000	175,911	33,300	20,550	1,232	59,830	36,045	24,954
15	Clothing, men's, factory product	4	39,000	141,550	25,000	25,000	2,250	18,200	40,000	31,100
16	Clothing, women's, dressmaking	22	25,675	37,064	12,700	19,800	2,510	910	745	1,299
17	Coffins and burial cases, trimming and finishing	4	.....	53,775	10,800	18,200	1,825	4,600	6,200	12,150
18	Confectionery	10	83,349	69,570	20,000	23,000	12,125	3,700	7,445	3,300
19	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	15	134,750	1,698,370	132,400	277,100	526,511	123,928	265,952	372,449
20	Hardware. (See also Tools, not elsewhere specified.)	3	.....	1,188,052	86,420	241,123	243,163	103,030	277,628	236,688
21	Iron and steel	7	50,000	2,114,356	123,333	372,000	625,000	248,380	356,450	389,193
22	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	4	6,000	44,175	10,500	20,500	2,900	1,675	6,200	2,400
23	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	4,600	33,750	50	50	2,525	125	12,500	18,500
24	Liquors, malt. (See also Bottling.)	3	.....	569,100	45,000	165,000	152,600	61,300	58,200	87,000
25	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts.)	6	52,000	275,420	21,000	38,000	48,250	61,992	19,675	86,503
26	Monuments and tombstones	6	10,000	91,850	19,000	15,100	6,150	18,600	27,100	5,900
27	Painting and paper hanging	21	35,200	101,150	20,500	17,900	4,745	30,375	15,730	11,900
28	Paints	3	10,000	260,093	19,000	19,000	21,807	38,781	22,841	138,664
29	Photography	8	15,500	69,075	20,300	22,700	10,350	11,700	2,075	1,950
30	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, book and job.)	12	78,334	351,396	80,000	41,000	103,620	26,333	20,499	79,944
31	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	8	3,350	70,175	19,900	25,050	2,275	3,550	4,350	15,050
32	Saddlery and harness	9	26,100	41,350	17,000	7,500	1,225	2,685	7,100	5,840
33	Soap and candles	3	.....	39,975	2,250	9,300	6,200	5,650	5,080	11,495
34	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	14	23,000	89,040	23,200	38,800	3,450	3,180	8,560	11,850
35	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	38	70,500	433,610	33,250	70,800	21,134	149,066	79,900	79,460
36	Wool hats	8	42,500	777,299	37,000	55,000	96,600	226,862	246,570	115,867
37	All other industries (*b*)	72	236,800	4,477,462	448,150	914,115	1,393,572	376,276	505,593	839,756

a Embraces awnings, tents, and sails, 1; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 1; boots and shoes, factory product, 2; boxes, fancy and paper, 1; carriage and wagon materials, 1; clay and pottery products, 1; clothing, men's, factory product, 1; clothing, women's, factory product, 1; coffins and burial cases, trimming and finishing, 1; confectionery, 1; dyeing and cleaning, 1; flouring and grist mill products, 1; food preparations, 2; fur goods, 1; furniture, factory product, 1; gas, illuminating and heating, 1; grease and tallow, 1; hand stamps, 1; hardware, 1; hosiery and knit goods, 1; jewelry, 1; lime and cement, 1; lumber, planing mill products, including sash, doors, and blinds, 2; malt, 1; marble and stone work, 2; mattresses and spring beds, 1; mineral and soda waters, 2; monuments and tombstones, 1; musical instruments, pianos and materials, 1; oil, linseed, 1; painting and paper hanging, 2; patent medicines and compounds, 1; pumps, not including steam pumps, 1; roofing and roofing materials, 1; rubber and elastic goods, 1; shipbuilding, 2; soap and candles, 1; springs, steel, car and carriage, 1; wirework, including wire rope and cable, 2; woolen goods, 1.

b Embraces agricultural implements, 2; awnings, tents, and sails, 1; bags, paper, 1; baskets and rattan and willow ware, 1; bookbinding and blank-book

BY SPECIFIED INDUSTRIES : 1890—Continued.

RACINE, WIS.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$1,310	$1,050	$5	$30	.....	.....	.....	$225	12	$4,569	.....	.....	4	$2,352	16
1,213	851	37	25	.....	.....	.....	300	15	7,380	4	$2,998	.....	.....	17
1,631	1,125	9	47	.....	.....	.....	450	42	40,100	3	3,200	.....	.....	18
17,812	2,248	191	418	$100	.....	.....	14,855	77	44,193	14	12,824	4	1,100	19
1,049	670	114	111	10	.....	$144	.....	10	5,418	4	2,504	.....	.....	20
1,005	760	10	10	.....	.....	.....	225	17	9,804	1	624	.....	.....	21
3,500	572	2,665	144	50	.....	69	60	30	13,343	7	2,871	.....	.....	22
13,074	.....	1,253	1,950	1,800	.....	2,871	5,200	233	101,983	15	13,520	4	1,120	23
925	745	5	5	.....	.....	.....	170	11	5,668	5	2,928	.....	.....	24
153,919	3,369	10,216	11,476	10,980	.....	33,621	84,248	1,472	624,574	107	87,103	3	1,060	25

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1,042,366	96,876	218,991	50,067	187,038	.....	81,415	407,979	12,906	5,461,293	722	663,563	33	17,260	1
2,288	1,398	197	42	.....	.....	6	645	54	33,163	25	18,358	.....	.....	2
1,022	594	313	65	50	.....	.....	.....	42	17,369	16	8,881	.....	.....	3
4,697	1,050	120	77	200	.....	.....	3,250	36	27,082	7	13,300	.....	.....	4
2,110	480	412	390	420	.....	408	.....	79	21,584	7	3,644	.....	.....	5
991	490	39	112	50	.....	.....	.....	43	13,007	5	3,740	.....	.....	6
11,761	4,092	1,285	329	65	.....	500	5,490	204	99,584	44	35,742	1	500	7
23,042	10,620	1,124	528	4,650	.....	420	5,700	613	167,422	10	8,545	.....	.....	8
968	509	242	67	25	.....	.....	125	68	27,647	15	9,184	.....	.....	9
465	156	231	58	20	.....	.....	.....	17	7,274	6	3,240	.....	.....	10
4,595	1,068	124	792	320	.....	276	2,015	47	21,294	4	4,080	1	312	11
4,349	200	425	549	.....	.....	.....	3,175	73	31,936	18	9,800	.....	.....	12
571	542	18	1	10	.....	.....	.....	6	3,320	3	1,860	.....	.....	13
11,038	9,178	507	465	368	.....	170	350	300	103,855	32	25,600	.....	.....	14
3,462	2,825	223	389	25	.....	.....	.....	247	79,110	18	14,128	.....	.....	15
2,660	1,797	375	183	.....	.....	.....	305	120	35,834	3	3,124	22	12,632	16
1,507	.....	187	135	.....	.....	.....	1,185	15	11,168	6	6,350	.....	.....	17
7,909	5,009	485	215	1,000	.....	.....	1,200	80	31,165	12	11,414	2	572	18
161,731	9,759	6,414	6,933	34,354	.....	17,647	86,624	1,061	571,359	57	47,906	.....	.....	19
25,604	.....	2,155	3,808	6,641	.....	3,000	10,000	1,151	453,873	23	24,875	.....	.....	20
159,095	5,550	5,047	5,588	58,880	.....	9,215	74,815	1,489	519,629	37	31,617	.....	.....	21
1,022	480	355	92	95	.....	.....	.....	28	14,812	3	2,080	.....	.....	22
394	296	12	86	.....	.....	.....	.....	16	8,280	3	3,280	.....	.....	23
98,280	.....	65,380	2,100	4,350	.....	.....	26,450	61	56,914	6	16,480	.....	.....	24
10,131	3,970	383	1,293	1,025	.....	310	3,150	214	122,800	20	19,401	.....	.....	25
2,845	700	202	43	800	.....	.....	1,100	70	56,740	12	16,600	.....	.....	26
5,268	2,464	387	192	.....	.....	.....	2,225	156	111,634	26	28,280	.....	.....	27
4,698	700	323	1,525	550	.....	.....	1,600	35	19,009	4	3,224	.....	.....	28
2,410	930	375	230	.....	.....	.....	875	74	46,748	8	12,650	.....	.....	29
67,252	5,977	1,290	1,727	3,600	.....	966	53,692	271	143,990	25	20,780	2	1,040	30
1,040	300	470	105	40	.....	.....	125	41	20,663	10	6,560	.....	.....	31
2,345	1,832	271	67	25	.....	.....	150	32	14,704	8	4,774	.....	.....	32
1,042	.....	94	123	75	.....	750	.....	13	5,388	4	2,060	.....	.....	33
3,006	1,850	565	126	55	.....	60	350	62	28,892	16	10,828	1	624	34
126,742	4,942	114,817	3,445	1,525	.....	220	1,793	945	382,264	45	81,567	2	1,040	35
39,581	2,910	1,877	4,415	8,961	.....	16,639	4,779	742	251,942	22	15,580	1	180	36
246,745	14,208	12,267	13,772	58,859	.....	30,828	116,811	4,461	1,899,838	162	134,031	1	360	37

making, 2; boot and shoe uppers, 2; boots and shoes, factory product, 2; boxes, wooden packing, 2; brass castings and brass finishing, 2; cars and general shop construction and repairs by steam railroad companies, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 2; cordage and twine, 1; cotton goods, 2; dentistry, mechanical, 1; engraving, wood, 2; fertilizers, 1; files, 1; flags and banners, 1; flouring and grist mill products, 1; furnishing goods, men's, 2, furniture, cabinetmaking, repairing and upholstering, 2; furniture, chairs, 1; furniture, factory product, 1; glass, 1; hat and cap materials, 1; hosiery and knit goods, 2; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 2; iron and steel, pipe, wrought, 1; leather, tanned and curried, 2; lock and gun smithing, 2; lumber and other mill products from logs or bolts, 1; mantels, slate, marble, and marbleized, 1; mattresses and spring beds, 1; millinery, custom work, 1; models and patterns, 1; musical instruments, organs and materials, 1; optical goods, 1; paper, 1; printing and publishing, book and job, 2; shirts, 2; silk and silk goods, 1; steam fittings and heating apparatus, 1; tobacco, chewing, smoking, and snuff, 2; tools, not elsewhere specified, 1; trunks and valises, 1; umbrellas and canes, 2; watch, clock, and jewelry repairing, 2; woodenware, not elsewhere specified, 2; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

RACINE, WIS.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
16	Millinery, custom work			8	$2,217						
17	Photography	5	$2,200	6	2,182						
18	Plumbing and gas fitting	39	36,900								
19	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	38	22,692	18	6,127			2	$1,000	1	$450
20	Saddlery and harness	6	2,914								
21	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	16	9,180								
22	Tobacco, cigars and cigarettes	2	676			2	$208	19	9,588		
23	Trunks and valises	74	33,329			15	2,120	125	51,894		
24	Watch, clock, and jewelry repairing. (See also Jewelry.)	6	2,740								
25	All other industries	722	347,527	212	50,875	36	5,128	208	88,609	176	42,170

READING, PA.—Continued.

1	All industries	7,896	3,351,329	951	203,292	614	73,077	1,883	967,909	778	173,629
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	28	14,505			1	300				
3	Boots and shoes, custom work and repairing	9	3,328	5	1,264	3	468	9	3,428		
4	Bottling. (See also Liquors, malt.)	29	13,782								
5	Boxes, cigar	21	8,504	1	230	9	1,538	1	250	40	7,418
6	Boxes, fancy and paper	8	1,092	20	5,200	5	520	1	480	9	1,975
7	Bread and other bakery products	134	58,704	9	2,220	16	2,418				
8	Brick and tile. (See also Clay and pottery products.)	469	141,049			106	11,144	13	4,256		
9	Brooms and brushes	32	13,074	3	600	7	1,379	11	3,410		
10	Carpets, rag	3	1,036					8	2,998		
11	Carriage and wagon materials	35	15,342			3	312	4	1,248		
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	42	20,036			13	2,100				
13	Cheese and butter, urban dairy product	3	1,460								
14	Clothing, men's, custom work and repairing	58	19,387	32	7,848			61	27,402	117	23,618
15	Clothing, men's, factory product	15	9,542	3	806			100	30,068	110	23,510
16	Clothing, women's, dressmaking			95	20,078						
17	Coffins and burial cases, trimming and finishing	9	4,818								
18	Confectionery	26	11,492	15	3,489	25	4,198				
19	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	777	372,703	1	250	1	240	225	150,200		
20	Hardware. (See also Tools, not elsewhere specified.)	436	186,407	56	8,827	157	15,997	412	208,235	10	1,812
21	Iron and steel	1,450	487,824			2	188				
22	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	25	12,732								
23	Jewelry. (See also Watch, clock, and jewelry repairing.)	9	3,830	1	312					3	858
24	Liquors, malt. (See also Bottling.)	55	40,434								
25	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts.)	194	103,399								
26	Monuments and tombstones	58	40,140								
27	Painting and paper hanging	124	80,414			3	600	3	2,340		
28	Paints	24	13,698	5	1,734	2	353				
29	Photography	50	30,004	14	3,694			2	400		
30	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, book and job.)	219	107,912	1	260	1	60	23	13,938		
31	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	29	13,583			2	520				
32	Saddlery and harness	19	8,524			2	406	2	850		
33	Soap and candles	8	3,068			1	260				
34	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	40	16,564			5	876				
35	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	242	104,903	70	22,864	4	720	311	104,763	271	66,407
36	Wool hats	297	93,116	104	18,819	52	3,977	166	101,079	100	19,191
37	All other industries	2,924	1,294,923	516	104,797	194	24,503	531	311,604	118	28,840

BY SPECIFIED INDUSTRIES: 1890—Continued.

RACINE, WIS.—Continued.

AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES—continued.		COST OF MATERIALS USED.						VALUE OF PRODUCTS.			
Piecoworkers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
.....	.....	$7,800	$7,700	$100	.....	.....	.....	$24,000	$24,000	.....	16
.....	.....	5,122	4,800	322	.....	.....	.....	17,378	17,378	.....	17
.....	.....	71,605	71,500	105	.....	.....	.....	123,500	123,500	.....	18
.....	.....	32,569	31,514	655	.....	.....	$400	113,341	113,341	.....	19
.....	.....	9,457	9,376	81	.....	.....	.....	28,862	22,712	$6,150	20
.....	.....	8,200	8,000	200	.....	.....	.....	23,500	23,500	.....	21
.....	.....	12,387	10,800	35	.....	.....	1,552	33,943	33,943	.....	22
.....	.....	222,318	200,398	610	.....	.....	21,310	371,301	370,941	360	23
.....	.....	1,215	1,125	90	.....	.....	.....	10,200	10,200	.....	24
8	$2,102	1,082,969	995,983	27,760	$200	$5,820	53,206	2,175,577	1,972,260	203,317	25

READING, PA.—Continued.

89	11,234	12,009,332	10,344,494	853,251	2,250	146,586	662,751	20,855,165	19,529,837	1,325,328	1
.....	.....	12,546	11,469	875	.....	.....	202	51,881	37,758	14,123	2
.....	.....	9,672	9,440	157	.....	.....	75	29,510	12,590	16,920	3
.....	.....	32,299	27,000	699	.....	.....	4,600	69,000	69,000	.....	4
.....	.....	32,226	31,476	550	.....	.....	200	64,610	64,610	.....	5
.....	.....	11,742	9,570	172	.....	.....	2,000	30,500	24,500	6,000	6
.....	.....	165,391	157,283	4,669	.....	5	3,434	314,615	314,615	.....	7
15	2,428	79,379	.....	34,571	.....	.....	44,808	364,842	341,708	23,134	8
.....	.....	25,873	25,122	176	.....	.....	575	63,200	63,200	.....	9
.....	.....	9,681	9,623	58	.....	.....	.....	18,300	18,300	.....	10
.....	.....	32,928	32,585	343	.....	.....	.....	75,305	75,305	.....	11
.....	.....	49,310	46,000	1,310	.....	.....	2,000	114,000	114,000	.....	12
.....	.....	12,452	12,172	280	.....	.....	.....	19,050	19,050	.....	13
.....	.....	111,971	108,444	427	.....	.....	3,100	251,264	194,639	56,625	14
1	156	149,971	149,000	121	200	.....	650	263,000	263,000	.....	15
.....	.....	16,750	16,714	36	.....	.....	.....	58,306	57,186	1,120	16
.....	.....	10,700	10,700	.....	.....	.....	.....	27,500	27,500	.....	17
.....	.....	76,416	72,158	1,383	.....	.....	2,875	138,580	138,580	.....	18
.....	.....	782,489	668,860	40,374	.....	2,250	70,505	1,769,949	1,686,749	83,200	19
57	7,720	420,863	178,978	20,455	.....	106,647	114,783	1,057,282	1,051,523	5,759	20
.....	.....	2,058,320	1,454,708	522,693	.....	.....	80,919	2,785,155	2,785,155	.....	21
.....	.....	15,546	15,246	225	.....	.....	75	35,960	35,200	760	22
.....	.....	6,065	6,000	15	.....	.....	50	19,500	19,500	.....	23
.....	.....	132,815	103,520	6,595	.....	7,475	15,225	368,570	368,570	.....	24
.....	.....	197,192	193,457	2,435	.....	1,300	.....	396,500	330,292	66,208	25
.....	.....	26,600	25,800	800	.....	.....	.....	94,500	94,500	.....	26
.....	.....	62,975	61,725	.....	.....	.....	1,250	201,250	201,250	.....	27
.....	.....	88,848	87,900	788	.....	160	.....	140,651	140,651	.....	28
.....	.....	16,700	16,500	.....	200	.....	.....	70,500	70,500	.....	29
.....	.....	61,364	54,131	3,448	.....	.....	3,785	330,178	330,178	.....	30
.....	.....	25,986	25,348	363	.....	.....	275	56,800	40,200	16,600	31
1	150	12,187	11,025	182	.....	.....	980	31,514	25,664	5,850	32
.....	.....	18,977	18,430	397	.....	.....	150	29,393	29,393	.....	33
.....	.....	27,814	26,640	519	.....	.....	655	72,980	68,250	4,730	34
.....	.....	433,429	377,521	.....	.....	.....	55,908	1,078,517	1,075,517	3,000	35
.....	.....	558,398	437,444	17,954	.....	.....	103,000	1,025,976	1,025,976	.....	36
15	780	6,223,457	5,852,505	189,681	1,850	28,749	150,672	9,336,527	8,315,228	1,021,299	37

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

RICHMOND, VA.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries	966	$2,723,460	$16,785,242	$1,290,230	$1,597,629	$3,750,853	$2,851,846	$2,609,417	$4,685,267
2	Agricultural implements	4	64,700	202,500	3,000	7,000	53,000	11,500	35,000	93,000
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	40	33,430	29,395	11,200	3,250	4,510	2,151	1,190	7,094
4	Bookbinding and blank-book making. (See also Printing and publishing.)	3	40,500	122,220	.....	.....	32,000	33,200	23,500	33,520
5	Boots and shoes, custom work and repairing	100	67,500	71,669	18,500	25,750	8,292	4,340	7,824	6,963
6	Boots and shoes, factory product	3	13,000	377,461	600	2,500	50,738	70,032	40,542	213,049
7	Bottling. (See also Mineral and soda waters.)	6	1,500	50,005	13,650	9,900	7,795	4,000	2,050	12,700
8	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors and blinds.)	7	37,355	143,428	6,800	9,000	19,000	67,736	9,438	31,454
9	Bread and other bakery products	18	57,060	143,847	28,900	40,100	28,560	13,465	6,015	26,807
10	Brick and tile	6	6,667	133,200	38,000	7,500	39,200	17,500	15,850	15,150
11	Brooms and brushes	3	21,100	38,850	.....	.....	9,350	9,100	6,900	13,500
12	Carpentering	87	71,925	783,583	57,020	31,190	23,740	54,155	442,843	174,635
13	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	15	72,130	229,205	38,350	43,600	21,350	31,055	53,440	41,410
14	China, decorating	3	2,560	1,910	.....	.....	170	1,010	150	580
15	Clothing, men's, custom work and repairing	34	99,743	148,507	17,300	12,700	4,709	53,750	6,063	53,985
16	Clothing, women's, dressmaking	65	57,300	41,162	7,535	9,200	4,470	6,962	5,025	7,970
17	Clothing, women's, factory product	3	11,250	13,875	500	1,600	1,150	6,100	1,825	2,700
18	Coffins and burial cases, trimming and finishing	9	9,040	33,745	15,000	12,000	325	625	2,345	3,450
19	Confectionery	17	46,850	81,515	19,000	23,500	14,220	4,450	2,920	17,425
20	Cooperage	8	18,375	21,573	500	500	1,425	10,250	1,655	7,243
21	Dentistry, mechanical	20	20,650	31,765	11,200	6,800	7,070	705	130	5,860
22	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	15	18,200	20,751	4,900	5,900	2,308	1,455	2,125	4,063
23	Dyeing and cleaning	7	10,050	15,728	3,100	6,700	1,935	178	1,145	2,670
24	Fertilizers. (See also Chemicals.)	4	5,000	147,650	6,000	12,000	17,150	20,000	11,500	81,000
25	Flouring and grist mill products	4	.....	854,946	113,000	215,000	316,000	65,737	49,419	95,790
26	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	15	92,700	2,363,455	114,200	190,000	1,183,500	115,505	199,473	560,717
27	Furnishing goods, men's. (See also Shirts.)	4	31,000	107,370	3,000	13,000	22,240	12,600	25,530	31,000
28	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	21	29,400	29,915	2,400	2,275	2,225	4,019	9,440	9,556
29	Furniture, factory product	3	23,325	110,000	.....	.....	11,000	17,000	55,000	27,000
30	Hairwork	4	7,500	10,305	1,200	1,800	480	425	825	5,575
31	Hand stamps	3	3,000	10,735	3,500	2,500	2,600	400	450	1,285
32	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	22,000	48,894	5,000	1,000	6,800	3,800	13,500	18,794
33	Leather, tanned and curried	4	26,000	98,531	5,250	5,500	12,050	12,400	22,581	40,750
34	Lock and gun smithing	8	8,500	7,848	2,000	2,000	790	401	397	2,260
35	Looking-glass and picture frames	6	48,660	29,500	.....	.....	2,850	8,850	8,400	9,400
36	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	9	20,000	372,921	44,500	52,712	64,666	54,291	36,185	120,567
37	Marble and stone work. (See also Monuments and tombstones.)	6	4,500	78,950	9,500	1,600	4,325	3,405	33,880	26,240
38	Masonry, brick and stone. (See also Plastering and stuccowork.)	21	9,510	198,110	14,700	11,400	9,280	20,905	68,200	73,625
39	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	11,725	7,256	.....	.....	2,306	2,850	100	2,000
40	Millinery, custom work	9	63,000	48,374	.....	.....	649	25,115	8,955	13,655
41	Mineral and soda waters. (See also Bottling.)	3	9,500	13,400	.....	.....	9,000	1,800	150	2,450
42	Monuments and tombstones. (See also Marble and stone work.)	7	6,400	26,293	7,500	1,200	695	650	12,226	4,022
43	Painting and paper hanging	46	46,100	88,019	13,100	5,330	8,642	16,029	20,115	24,803
44	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	11,250	24,139	2,500	8,500	2,400	3,200	5,339	2,200
45	Paving and paving materials	4	9,650	12,545	400	1,000	5,610	985	800	3,750
46	Photography	8	43,400	16,320	.....	.....	11,500	1,260	2,510	1,050
47	Plastering and stuccowork. (See also Masonry, brick and stone.)	17	7,350	54,046	1,300	330	6,680	6,060	16,006	23,670
48	Plumbing and gas fitting	28	106,000	315,985	29,250	28,750	20,475	60,710	70,040	106,760
49	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	21	160,000	372,613	.....	8,000	168,513	37,059	56,235	102,806
50	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	25	121,500	237,406	16,800	24,550	79,330	2,759	20,905	93,062
51	Saddlery and harness	15	43,525	100,867	6,200	8,800	3,305	8,705	38,605	35,192
52	Sewing machine repairing	3	4,000	2,723	500	1,400	940	165	256	62
53	Soap and candles. (See also Grease and tallow.)	3	4,000	5,925	100	300	1,900	500	1,800	1,325
54	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	8	29,400	46,921	15,000	5,000	3,250	4,617	2,854	16,200
55	Tobacco, chewing, smoking, and snuff	23	395,000	2,450,375	22,000	72,000	322,197	525,110	511,039	998,029
56	Tobacco, cigars and cigarettes	44	105,500	1,639,073	8,100	21,600	85,245	528,229	121,492	874,407
57	Tobacco, stemming and rehandling	12	150,000	606,889	17,000	35,000	24,550	416,891	66,000	47,448
58	Watch, clock, and jewelry repairing	31	57,200	80,887	29,375	23,500	9,710	4,350	6,315	7,637
59	All other industries (a)	63	226,980	3,430,162	501,800	582,892	993,313	461,285	444,320	445,952

a Embraces awnings, tents, and sails, 2; bags, other than paper, 1; baking and yeast powders, 1; bicycle and tricycle, repairing, 1; bluing, 1; boxes, cigar, 1; boxes, fancy and paper, 2; brass castings and brass finishing, 1; carriage and wagon materials, 2; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese and butter, urban dairy product, 1; chemicals, 2; cordage and twine, 1; dye stuffs and extracts, 1; electroplating, 1; flavoring extracts, 2; fur goods, 1; gas and lamp fixtures, 1; glue, 1; grease and tallow, 1; ice, artificial, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, forgings, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; labels and tags, 1; lime and cement, 1; lithographing

BY SPECIFIED INDUSTRIES: 1890—Continued.

RICHMOND, VA.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$3,290,170	$232,936	$1,576,474	$115,020	$170,724	$70,172	$166,480	$958,364	18,512	$7,192,646	1,500	$1,393,138	121	$45,645	1
14,290	5,500	3,100	1,800	1,250	.....	190	2,450	159	89,712	13	16,700	1	2,000	2
4,203	3,343	278	111	150	.....	30	291	115	43,985	44	20,122	1	239	3
12,719	3,238	745	1,025	440	.....	3,600	3,671	78	46,363	15	18,300	.....	.....	4
9,086	6,069	983	384	577	.....	15	1,058	215	84,866	103	44,128	.....	.....	5
80,976	1,020	727	2,112	4,900	68,972	2,200	1,045	98	66,234	11	15,814	.....	.....	6
4,016	150	918	178	300	.....	50	2,420	44	22,945	10	8,664	1	2,000	7
12,241	3,392	1,398	2,250	1,551	.....	1,500	2,150	150	76,090	15	12,974	.....	.....	8
14,479	5,706	1,543	396	1,222	.....	556	4,556	166	78,379	33	25,484	8	3,398	9
4,932	800	657	585	925	.....	1,195	770	149	47,531	7	5,850	.....	.....	10
6,490	2,110	235	320	230	.....	1,620	1,975	153	33,039	10	10,200	.....	.....	11
19,864	6,473	1,643	1,587	886	1,200	5,159	2,916	800	497,196	104	88,220	.....	.....	12
15,711	7,213	1,349	2,018	1,620	.....	1,150	2,361	181	102,281	23	21,406	.....	.....	13
246	231	.....	.....	.....	.....	.....	15	3	1,656	.....	.....	3	1,656	14
12,883	8,977	1,109	451	375	.....	.....	1,971	258	109,065	43	31,893	3	460	15
11,634	5,157	424	119	160	.....	108	5,666	211	45,657	5	2,863	63	18,952	16
1,485	900	50	150	140	.....	60	185	24	6,788	4	2,300	4	840	17
1,618	814	243	44	100	.....	203	214	27	10,115	9	5,473	.....	.....	18
6,038	3,748	608	364	250	.....	60	1,008	69	29,869	27	16,805	2	304	19
3,268	1,654	198	568	.....	.....	.....	848	111	33,303	9	5,190	.....	.....	20
3,496	1,653	518	145	278	.....	.....	902	29	12,993	22	11,231	.....	.....	21
3,792	1,549	260	113	110	.....	50	1,710	31	8,300	18	5,000	.....	.....	22
2,028	804	138	65	225	.....	.....	796	35	15,345	4	2,805	3	3,012	23
10,594	500	1,389	1,430	500	.....	3,000	3,775	122	38,200	13	15,600	1	300	24
103,235	.....	7,800	11,700	12,600	.....	8,500	62,635	180	94,025	20	26,450	.....	.....	25
92,333	8,345	7,675	2,078	35,434	.....	26,299	12,502	1,329	660,344	50	69,567	.....	.....	26
8,387	2,420	1,307	945	1,125	.....	50	2,540	232	57,118	10	9,957	.....	.....	27
3,843	2,649	297	277	15	.....	135	470	48	23,611	25	13,948	.....	.....	28
6,829	2,100	989	1,590	950	.....	800	400	102	59,998	16	17,208	.....	.....	29
802	600	52	3	.....	.....	.....	147	21	5,008	1	800	3	1,012	30
2,657	255	32	60	25	.....	.....	2,285	12	5,276	3	2,840	.....	.....	31
5,133	1,980	325	300	200	.....	300	2,028	71	40,088	7	9,930	.....	.....	32
9,068	2,600	558	575	1,660	.....	275	3,400	92	45,903	12	15,080	.....	.....	33
985	764	76	1	5	.....	.....	139	12	6,607	8	4,215	.....	.....	34
5,857	4,380	219	233	25	.....	100	900	29	19,500	12	11,700	.....	.....	35
29,925	2,000	3,713	4,659	4,150	.....	2,443	13,020	205	108,984	26	26,180	.....	.....	36
1,504	450	105	24	265	.....	140	520	148	75,500	8	9,600	.....	.....	37
8,459	951	644	414	380	.....	760	5,310	452	211,361	28	26,980	.....	.....	38
1,189	938	39	50	75	.....	.....	87	22	9,361	3	3,600	.....	.....	39
6,904	5,670	139	230	.....	.....	.....	865	104	24,895	5	2,300	19	7,386	40
2,827	760	459	33	850	.....	.....	725	18	7,690	6	4,150	.....	.....	41
1,055	576	115	34	50	.....	.....	280	24	12,703	8	6,247	.....	.....	42
7,974	4,150	229	329	270	.....	230	2,766	302	148,650	55	36,954	.....	.....	43
12,640	900	415	225	50	.....	.....	11,050	19	15,684	12	13,700	1	360	44
5,720	870	380	60	650	.....	160	3,600	105	38,750	4	4,095	.....	.....	45
5,470	3,475	675	200	100	.....	250	770	39	27,298	11	10,768	.....	.....	46
2,794	663	334	1,001	267	.....	211	318	233	89,057	22	11,059	.....	.....	47
24,427	9,540	2,706	1,361	655	.....	1,750	8,415	271	172,891	53	55,272	.....	.....	48
51,988	11,255	3,647	2,559	1,855	.....	2,997	29,675	282	154,598	40	44,264	.....	.....	49
100,248	8,506	1,895	1,844	1,685	.....	125	86,193	216	162,493	49	37,703	2	514	50
7,385	3,918	765	582	300	.....	520	1,300	102	55,852	26	24,102	.....	.....	51
441	360	10	5	.....	.....	.....	66	4	1,928	3	1,408	.....	.....	52
621	370	59	49	10	.....	85	48	9	3,092	3	1,660	.....	.....	53
4,853	2,352	331	124	215	.....	320	1,511	61	31,516	12	9,350	.....	.....	54
1,271,713	31,556	1,052,002	27,522	30,513	.....	67,863	62,257	3,436	833,952	97	126,650	.....	.....	55
994,834	9,508	432,632	8,507	3,909	.....	10,318	529,960	2,059	657,559	111	143,969	.....	.....	56
51,015	12,074	6,781	10,730	3,283	.....	4,500	13,697	827	191,688	33	32,062	.....	.....	57
7,275	5,148	638	172	355	.....	45	917	71	47,398	31	24,626	.....	.....	58
193,631	19,852	29,968	19,829	52,609	.....	16,558	54,815	4,147	1,652,356	148	107,722	6	2,312	59

and engraving, 1; lumber and other mill products from logs or bolts, 1; models and patterns, 2; musical instruments and materials, not specified, 1; nets and seines, 1; oil, lubricating, 1; optical goods, 1; paints, 1; paper, 2; pickles, preserves, and sauces, 1; printing materials, 1; regalia and society banners and emblems, 2; roofing and roofing materials, 1; safes and vaults, 1; saws, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; surgical appliances, 1; tools, not elsewhere specified, 1; trunks and valises, 1; umbrellas and canes, 1; varnish, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

RICHMOND, VA.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	10,227	$4,308,398	1,491	$252,861	329	$39,030	2,111	$633,017	2,515	$501,808
2	Agricultural implements	142	70,012					3	1,000		
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	67	23,232					3	392		
4	Bookbinding and blank-book making. (See also Printing and publishing.)	38	21,845	22	5,988	3	230				
5	Boots and shoes, custom work and repairing	83	33,832	5	1,500			24	5,406		
6	Boots and shoes, factory product	59	42,720	15	4,000	7	700	6	3,000		
7	Bottling. (See also Mineral and soda waters.)	31	11,881	2	400						
8	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	86	37,318			7	741	32	23,505	10	1,552
9	Bread and other bakery products	116	47,547			5	900	3	920		
10	Brick and tile	140	40,631					2	1,050		
11	Brooms and brushes	46	8,254					93	14,200	4	385
12	Carpentering	674	343,898					22	5,078		
13	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	158	80,875								
14	China, decorating										
15	Clothing, men's, custom work and repairing	47	24,915	16	3,779			77	37,350	72	10,668
16	Clothing, women's, dressmaking	2	1,560	124	20,816			1	208	16	1,258
17	Clothing, women's, factory product			16	3,648						
18	Coffins and burial cases, trimming and finishing	16	4,350					2	292		
19	Confectionery	33	11,350	2	360			5	1,050		
20	Cooperage	22	6,613					80	21,500		
21	Dentistry, mechanical	6	1,690			1	72				
22	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	13	3,300								
23	Dyeing and cleaning	17	7,536	11	1,992						
24	Fertilizers. (See also Chemicals.)	108	22,300								
25	Flouring and grist mill products	157	67,075			3	500				
26	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	1,235	562,893					44	27,884		
27	Furnishing goods, men's. (See also Shirts.)	7	3,361	20	5,200			20	5,200	155	31,900
28	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	20	9,051	1	156	1	156	1	300		
29	Furniture, factory product	86	42,790								
30	Hairwork	1	312	16	1,984						
31	Hand stamps	9	2,436								
32	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	64	30,158								
33	Leather, tanned and curried	68	29,048	3	650	9	1,125				
34	Lock and gun smithing	4	2,392								
35	Looking-glass and picture frames	17	7,800								
36	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	177	81,804					2	1,000		
37	Marble and stone work. (See also Monuments and tombstones.)	129	59,800					11	6,100		
38	Masonry, brick and stone. (See also Plastering and stuccowork.)	419	183,551					5	830		
39	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	15	5,020	2	416			2	325		
40	Millinery, custom work	5	557	75	14,652						
41	Mineral and soda waters. (See also Bottling.)	12	3,540								
42	Monuments and tombstones. (See also Marble and stone work.)	13	5,556					3	900		
43	Painting and paper hanging	242	109,906					5	1,790		
44	Patent medicines and compounds. (See also Druggists' preparation, not including prescriptions.)	3	850	3	774						
45	Paving and paving materials	101	34,655								
46	Photography	24	15,470	4	1,000						
47	Plastering and stuccowork. (See also Masonry, brick and stone.)	183	68,603					28	9,395		
48	Plumbing and gas fitting	213	116,703			5	916				
49	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	196	95,859	14	2,924	19	2,557	13	8,994		
50	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	115	85,010	2	508	3	566	45	38,102		
51	Saddlery and harness	69	28,870			1	150	6	2,730		
52	Sewing machine repairing	1	520								
53	Soap and candles. (See also grease and tallow.)	6	1,432								
54	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	37	18,416			9	1,850	3	1,900		
55	Tobacco, chewing, smoking, and snuff	1,020	313,783	488	56,693	94	8,596	1,040	247,157	557	70,657
56	Tobacco, cigars and cigarettes	325	121,150	93	24,925	63	9,725	206	52,015	1,230	301,950
57	Tobacco, stemming and rehandling	229	65,637	210	25,480	28	1,192	157	43,585	155	22,562
58	Watch, clock, and jewelry repairing	30	22,522					1	250		
59	All other industries	3,082	1,266,209	347	74,860	71	9,054	166	69,609	316	60,876

BY SPECIFIED INDUSTRIES: 1890—Continued.

RICHMOND, VA.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued. Piecework ers—Continued. Children. Number.	Wages.	COST OF MATERIALS USED. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	VALUE OF PRODUCTS. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
218	$18,749	$14,014,214	$12,370,145	$255,550	$13,318	$21,465	$1,353,736	$27,792,672	$25,982,739	$1,809,933	1
		81,450	70,575	3,475			7,400	222,670	153,670	69,000	2
		17,593	15,191	1,677			725	73,232	37,317	35,915	3
		30,710	22,669	565	192		7,284	106,880	96,780	10,100	4
		50,042	47,608	1,110			1,324	165,307	36,875	128,432	5
		783,202	757,800	2,692			22,710	1,071,680	1,071,200	480	6
		90,035	81,287	260			8,488	154,279	154,279		7
		167,989	151,299	470	300	870	15,050	282,481	254,738	27,743	8
1	130	189,357	176,066	4,521	360	150	8,260	328,169	328,169		9
		19,220		14,900			4,320	96,420	96,420		10
		39,115	33,060	55			6,000	91,250	91,250		11
		479,855	452,175	300		965	26,415	1,249,021	1,105,242	143,779	12
		121,833	97,402	1,719			22,712	290,158	149,302	146,856	13
		630	600	30				4,260	4,260		14
		77,619	72,268	642			4,709	229,360	193,870	35,490	15
		12,169	9,920	779			1,470	96,637	52,194	44,443	16
		28,381	26,285	36			2,060	46,900	44,900	2,000	17
		4,591	4,230	176			185	20,469	20,169	300	18
		76,742	74,269	1,081	252		1,140	125,025	123,825	1,200	19
		56,042	55,972				70	99,900	68,600	31,300	20
		5,317	4,964	223			130	24,120	23,745	375	21
		6,240	5,450	85			705	28,012	25,212	2,800	22
		4,277	2,995	1,264			18	28,150	26,250	1,900	23
		166,500	165,300	1,200				231,500	231,500		24
		1,596,325	1,505,050	100	2,910	2,300	85,965	1,874,624	1,859,624	15,000	25
		935,826	657,494	47,972	1,590	1,362	227,408	1,867,461	1,592,369	275,092	26
20	1,500	129,292	125,500	1,052	140		2,600	214,660	129,660	85,000	27
		21,644	20,930	191			523	60,730	38,900	21,830	28
		46,304	42,769	860		1,125	1,550	133,724	102,724	31,000	29
		2,218	2,100	118				8,800	8,800		30
		2,598	1,363	35			1,200	12,900	4,900	8,000	31
		45,578	43,120	1,258		200	1,000	113,400	113,100	300	32
		183,789	158,845	1,410			23,534	282,060	192,060	90,000	33
		2,172	2,100	62			10	10,029	2,455	7,574	34
		17,152	16,740	112			300	50,500	48,000	2,500	35
		208,568	203,077	1,990	500	1,786	1,215	419,058	400,658	18,400	36
		38,658	35,974	864	110	100	1,610	134,445	133,755	690	37
		240,064	234,213	66			5,785	564,545	516,005	48,540	38
		18,482	18,200	57			225	42,560	41,560	1,000	39
		35,447	35,200	187			60	86,320	77,820	2,500	40
		6,070	2,680	60			3,330	18,300	18,300		41
		9,080	8,975	60			45	30,297	29,685	612	42
		81,938	80,610	191			1,137	280,340	267,000	13,340	43
		7,087	7,000	87				38,619	38,619		44
		32,767	32,697				70	94,575	84,575	10,000	45
		10,118	9,700	168			250	55,800	52,100	3,700	46
		72,273	71,868				405	184,409	178,859	5,550	47
		229,815	225,575	1,280		200	2,760	495,850	325,450	170,400	48
		174,736	149,340	3,153	1,384		20,859	441,242	439,742	1,500	49
		57,823	51,147	1,340	350		4,986	388,270	388,270		50
		54,697	52,644	443	300		1,310	156,010	147,850	8,160	51
		415	400	15				2,820	520	2,300	52
		10,082	9,514	168			400	18,150	18,150		53
		40,853	39,550	228			1,075	94,799	76,649	18,150	54
140	10,416	1,833,964	1,600,632	32,329	120	5,088	186,795	4,598,269	4,598,147	122	55
31	3,825	1,339,005	808,982	4,378		3,000	522,645	3,372,162	3,372,162		56
15	1,170	1,383,816	1,373,611	6,709		100	3,396	1,725,771	1,725,771		57
		12,156	11,670	336			150	77,839	23,630	54,209	58
11	1,708	2,624,493	2,394,490	111,011	4,810	4,219	109,963	4,783,454	4,551,103	232,351	59

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCHESTER, N. Y.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries (a)	1,892	$7,397,018	$46,301,058	$4,125,334	$6,214,087	$7,694,316	$5,763,368	$3,352,736	$14,151,217
2	Bags, paper	3	16,975	36,700	.....	.....	10,700	1,700	1,800	22,500
3	Baking and yeast powders	3	2,120	8,535	1,000	1,000	1,425	2,325	2,410	375
4	Baskets and rattan and willow ware	5	2,990	59,080	7,850	13,425	18,050	4,710	5,005	10,040
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	67	92,525	154,174	50,550	36,400	17,905	12,550	10,245	26,524
6	Bookbinding and blank-book making. (See also Printing and publishing.)	5	21,700	36,005	.....	.....	15,100	2,305	3,750	14,850
7	Boot and shoe cut stock	3	39,640	98,100	.....	.....	16,700	23,000	26,300	32,100
8	Boot and shoe uppers	3	6,000	10,600	.....	.....	3,100	2,300	1,500	3,700
9	Boots and shoes, custom work and repairing	99	136,682	104,487	30,100	19,725	14,643	6,305	11,039	22,675
10	Boots and shoes, factory product	51	728,938	3,005,687	30,300	54,300	530,041	390,570	404,059	1,595,817
11	Boxes, cigar	3	11,325	13,200	.....	.....	4,700	2,750	1,250	4,500
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	6	14,506	75,925	25,000	15,000	11,850	5,200	8,175	10,700
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	16,680	158,300	35,000	50,000	24,000	17,000	6,300	26,000
14	Brass castings and brass finishing. (See also Plumbers' supplies.)	5	800	134,019	22,694	34,000	33,000	12,350	13,450	18,525
15	Bread and other bakery products	50	206,750	308,013	76,400	81,000	89,870	26,857	5,546	28,340
16	Brooms and brushes	4	7,620	5,065	.....	.....	1,000	800	1,940	1,325
17	Carpentering	143	108,145	1,210,235	84,600	64,700	104,700	82,735	551,250	322,250
18	Carpets, rag	7	500	10,380	3,350	5,250	815	185	100	680
19	Carriage and wagon materials	5	60,752	198,100	15,000	26,000	53,900	26,500	25,800	50,900
20	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	21	91,500	1,372,380	119,150	149,505	74,250	138,725	417,950	472,800
21	Cheese and butter, urban dairy product	3	2,198	7,361	2,000	2,500	1,700	246	515	400
22	Clay and pottery products	4	7,000	442,800	120,000	100,000	55,400	21,000	53,900	92,500
23	Clothing, men's, custom work and repairing	119	432,695	757,446	30,950	52,850	38,060	333,355	77,820	224,411
24	Clothing, men's, factory product	192	951,830	6,146,333	133,650	246,300	114,740	977,067	1,663,145	3,011,431
25	Clothing, men's, factory product, buttonholes	10	11,750	8,975	1,000	1,000	5,765	.....	60	1,150
26	Clothing, women's, dressmaking	147	207,780	89,465	26,500	26,900	18,765	3,470	3,925	9,905
27	Clothing, women's, factory product	7	113,120	159,430	.....	.....	8,500	28,015	46,585	76,330
28	Coffee and spice, roasting and grinding	4	54,612	106,200	.....	.....	26,031	11,000	25,061	44,108
29	Confectionery	15	232,310	180,200	5,400	10,800	40,200	21,650	37,800	64,350
30	Cooperage	15	19,870	129,876	36,400	19,100	10,110	30,527	7,789	25,950
31	Corsets	5	14,300	19,910	.....	.....	2,910	5,000	6,200	5,800
32	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	8	19,140	264,830	41,000	51,500	27,600	43,200	67,600	53,930
33	Dentistry, mechanical	11	41,980	27,465	.....	.....	10,250	5,080	610	11,525
34	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	8	11,647	47,425	4,500	12,000	3,100	2,891	13,534	11,400
35	Dyeing and cleaning	5	29,450	73,465	9,300	11,500	26,700	5,405	9,335	11,225
36	Electric light and power	3	8,400	1,292,129	133,651	193,530	735,515	2,992	.....	231,441
37	Electroplating	4	5,250	8,825	1,300	1,300	3,400	710	415	1,700
38	Engraving, wood	3	4,750	5,425	.....	.....	2,000	616	1,234	1,575
39	Flouring and grist mill products	17	63,322	1,395,232	299,000	162,500	325,600	137,377	118,773	351,982
40	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	53	358,820	2,719,827	259,500	353,500	768,306	260,333	416,363	661,825
41	Fur goods. (See also Hats and caps, not including wool hats.)	8	81,412	166,800	.....	.....	9,100	34,300	83,500	39,900
42	Furnishing goods, men's. (See also Shirts.)	9	82,000	273,350	10,000	5,000	5,250	85,150	61,300	106,050
43	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	17	23,140	22,090	.....	.....	9,105	2,605	3,300	7,080
44	Furniture, chairs	6	116,500	351,068	13,000	22,000	31,010	64,754	81,904	138,400
45	Furniture, factory product	17	142,965	908,968	75,500	145,000	96,306	103,486	244,504	244,172
46	Hairwork	6	41,307	15,785	.....	.....	1,990	5,580	6,515	1,700
47	Hand stamps	4	10,691	23,450	2,500	2,500	10,200	2,100	2,750	3,400
48	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	5	13,075	385,278	48,000	97,000	118,018	10,830	48,500	62,925
49	Hats and caps, not including wool hats. (See also Fur goods.)	4	10,661	2,781	.....	.....	1,400	115	110	1,156
50	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	6	49,540	115,135	.....	.....	33,000	22,100	5,035	55,000
51	Jewelry. (See also Watch, clock, and jewelry repairing.)	4	80,000	116,500	.....	.....	12,000	5,500	90,000	11,000
52	Kindling wood	3	3,100	4,190	1,000	800	1,500	225	215	450
53	Lamps and reflectors	4	41,330	265,650	12,000	38,000	124,954	25,100	37,400	28,196
54	Lasts	3	18,235	24,830	.....	.....	6,100	5,880	5,900	6,950
55	Liquors, malt	10	2,370	6,455,414	716,500	2,485,044	1,286,919	214,781	433,155	1,319,015
56	Lithographing and engraving. (See also Printing and publishing.)	3	41,075	359,200	10,000	35,000	155,000	25,200	67,000	67,000
57	Lock and gun smithing	3	21,200	13,500	.....	.....	4,500	1,800	1,850	5,350
58	Looking-glass and picture frames	13	110,920	203,795	7,000	11,000	22,850	38,300	52,200	72,445
59	Lumber and other mill products from logs or bolts.	8	14,875	497,650	121,000	23,500	72,700	47,450	100,500	132,500

a Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in Rochester. This industry is reported as of the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The data are included in "All other industries" in order that the operations of individual establishments may not be disclosed.

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCHESTER, N. Y.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$5,613,852	$592,082	$984,297	$177,271	$258,013	$1,215,007	$284,274	$2,102,008	32,720	$16,819,566	3,330	$3,476,545	428	$198,064	1
3,070	1,360	.....	150	150	.....	.....	2,010	19	10,208	5	4,500	.....	.....	2
4,260	200	30	30	.....	.....	.....	4,000	9	5,220	4	3,240	.....	.....	3
1,400	270	470	410	100	.....	.....	150	131	26,315	4	2,650	1	300	4
11,201	8,326	1,076	506	405	390	.....	498	205	135,562	76	58,950	1	250	5
2,888	1,734	.....	229	270	.....	60	595	53	24,138	7	7,280	1	350	6
4,253	2,775	.....	1,053	200	.....	.....	225	73	26,035	4	5,740	.....	.....	7
815	510	.....	45	100	.....	.....	160	13	7,760	3	2,600	.....	.....	8
13,630	11,618	544	392	302	250	60	464	169	84,200	84	46,236	.....	.....	9
267,257	49,881	1,447	12,443	14,924	.....	27,015	161,547	4,613	1,913,625	230	270,385	15	7,494	10
2,130	1,020	.....	135	175	.....	200	600	30	12,243	4	3,450	.....	.....	11
4,776	1,233	500	658	365	.....	15	2,005	202	47,451	8	8,710	.....	.....	12
7,525	1,500	1,200	1,175	400	.....	2,500	750	115	56,100	9	13,280	1	520	13
12,345	96	670	519	635	.....	750	9,675	142	73,466	8	10,000	.....	.....	14
30,220	16,540	2,087	808	1,665	.....	586	8,474	329	171,033	84	62,135	10	4,182	15
998	686	.....	12	.....	.....	.....	300	15	7,750	4	2,312	.....	.....	16
88,817	9,733	4,510	2,726	3,205	21,600	1,198	45,845	1,017	1,275,306	175	177,877	3	1,724	17
330	50	132	23	95	.....	.....	30	9	3,482	7	3,200	1	100	18
11,898	5,164	862	746	1,800	.....	1,530	1,796	170	77,488	13	11,950	.....	.....	19
27,750	7,320	4,635	8,271	4,813	1,500	345	875	640	389,306	58	72,770	.....	.....	20
292	232	50	10	.....	.....	.....	.....	11	3,720	5	1,720	1	200	21
15,710	300	2,065	1,215	3,780	.....	6,000	2,350	142	78,149	12	11,400	1	250	22
137,223	36,960	980	2,421	782	83,311	3,075	9,685	835	412,747	152	154,175	9	3,462	23
1,425,587	63,564	6,452	24,384	5,160	1,068,893	43,137	213,988	3,123	1,561,660	347	423,553	25	11,336	24
4,073	1,055	35	76	1,095	.....	.....	1,812	69	24,048	13	8,548	.....	.....	25
21,191	18,698	543	121	134	600	.....	1,095	467	153,272	3	2,200	152	78,494	26
11,991	7,397	.....	484	465	150	610	2,855	331	82,674	14	14,720	5	1,950	27
9,164	3,550	.....	802	850	.....	2,362	1,600	59	33,597	17	17,807	.....	.....	28
20,105	13,939	235	925	985	.....	144	3,877	243	92,640	27	25,951	10	2,575	29
8,047	1,689	548	750	150	.....	535	4,375	216	101,667	12	10,360	.....	.....	30
3,613	1,243	.....	192	78	.....	.....	2,100	39	12,372	3	1,700	3	2,720	31
10,475	1,340	1,622	878	465	.....	.....	6,170	110	54,286	13	13,472	1	250	32
3,893	3,359	.....	74	295	.....	.....	165	19	17,080	11	12,200	.....	.....	33
1,772	900	75	57	200	.....	150	300	17	6,550	10	3,972	.....	.....	34
9,337	2,652	78	407	1,200	.....	.....	5,000	53	25,038	7	6,600	8	3,200	35
24,867	500	3,876	1,261	15,833	.....	.....	3,397	93	64,780	7	8,260	.....	.....	36
620	472	.....	42	60	.....	30	25	13	6,350	4	2,150	.....	.....	37
794	380	.....	48	60	.....	.....	306	12	8,142	4	4,350	1	250	38
89,817	5,699	5,615	14,075	10,608	.....	20,288	33,532	231	161,489	45	57,699	3	1,436	39
240,567	30,500	12,102	9,820	21,525	11,178	14,161	141,281	1,623	1,060,337	138	165,578	8	2,900	40
9,600	6,920	.....	755	360	.....	665	900	110	49,530	15	13,800	1	550	41
19,240	5,360	600	1,065	75	7,500	200	4,440	239	103,250	30	42,120	.....	.....	42
3,883	2,313	10	150	50	425	.....	935	54	26,248	18	10,456	.....	.....	43
33,573	10,600	.....	3,228	1,750	.....	5,795	12,200	435	177,400	21	25,612	2	1,000	44
58,930	12,152	3,111	4,059	7,027	.....	10,381	22,200	803	379,546	43	39,296	2	1,000	45
4,494	3,098	.....	76	50	.....	.....	1,270	14	8,290	1	500	5	3,990	46
1,140	907	63	70	100	.....	.....	.....	22	11,065	4	3,780	.....	.....	47
24,235	850	1,805	1,515	7,300	.....	3,180	9,585	283	144,611	14	15,268	.....	.....	48
710	693	.....	15	.....	.....	.....	2	10	3,410	5	2,400	.....	.....	49
17,132	4,470	273	654	500	.....	100	11,135	164	93,750	13	15,310	1	300	50
6,872	5,200	400	152	100	.....	480	540	27	20,510	11	12,202	3	900	51
689	310	25	19	85	.....	.....	250	11	4,550	3	2,200	.....	.....	52
6,398	3,100	.....	479	402	.....	823	1,594	301	140,784	17	24,044	.....	.....	53
3,276	1,550	.....	206	1,100	.....	70	350	38	30,700	4	5,140	1	250	54
1,027,532	225	552,760	12,857	49,370	.....	7,124	405,196	434	381,177	78	136,787	2	1,280	55
19,375	2,875	500	1,350	850	.....	2,200	11,600	174	98,050	18	17,424	3	1,016	56
5,245	1,900	.....	130	275	.....	.....	2,940	16	11,000	5	5,000	.....	.....	57
13,649	8,874	1,020	1,765	695	.....	185	1,110	410	213,410	37	32,600	4	1,370	58
9,972	1,200	755	875	4,002	.....	.....	3,140	197	101,504	13	15,068	1	500	59

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCHESTER, N. Y.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	17,449	$9,584,053	3,800	$1,020,793	779	$100,603	3,782	$1,708,952	2,998	$699,586
2	Bags, paper	5	3,000	9	2,708						
3	Baking and yeast powders	4	1,780			1	200				
4	Baskets and rattan and willow ware	22	8,590			1	150	78	12,075	15	1,800
5	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	124	75,887			1	100	3	375		
6	Bookbinding and blank-book making. (See also Printing and publishing.)	23	11,412	22	5,096						
7	Boot and shoe cut stock	43	16,736	10	1,040	10	1,040	1	300	5	1,179
8	Boot and shoe uppers	5	2,810	5	2,350						
9	Boots and shoes, custom work and repairing	64	28,664	2	550			19	8,750		
10	Boots and shoes, factory product	590	307,874	273	76,389	214	32,785	1,925	880,407	1,345	335,532
11	Boxes, cigar	16	5,340			1	208	5	2,050	4	1,200
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	15	5,470	1	468	8	1,233	24	5,412	140	25,572
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	97	41,468			8	832				
14	Brass castings and brass finishing. (See also Plumbers' supplies.)	134	63,466								
15	Bread and other bakery products	204	99,586	19	4,674	3	456				
16	Brooms and brushes	8	3,638					3	1,800		
17	Carpentering	1,731	1,093,215					8	2,490		
18	Carpets, rag			1	182						
19	Carriage and wagon materials	77	41,938					56	18,200	24	5,400
20	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	561	307,682			5	854	16	8,000		
21	Cheese and butter, urban dairy product	5	1,800								
22	Clay and pottery products	123	60,249			2	250	4	1,000		
23	Clothing, men's, custom work and repairing	142	79,185	137	39,223	16	2,427	186	80,409	192	53,706
24	Clothing, men's, factory product	935	582,666	1,446	409,265	39	5,976	184	105,200	87	18,264
25	Clothing, men's, factory product, buttonholes	22	9,250	30	5,800	4	450				
26	Clothing, women's, dressmaking			307	72,099	1	104	1	25	3	350
27	Clothing, women's, factory product	13	6,326	23	6,366	7	812	16	8,000	253	44,500
28	Coffee and spice, roasting and grinding	29	12,922	13	2,868						
29	Confectionery	71	31,863	91	20,630	15	1,821			29	9,800
30	Cooperage	114	54,903					90	36,404		
31	Corsets	3	1,000	12	3,352					18	3,600
32	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	76	34,572					20	5,992		
33	Dentistry, mechanical	7	4,730	1	150						
34	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	7	2,578								
35	Dyeing and cleaning	13	6,614	17	5,296			2	832	6	2,496
36	Electric light and power	86	56,520								
37	Electroplating	9	4,200								
38	Engraving, wood	6	3,490			1	52				
39	Flouring and grist mill products	183	102,354								
40	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	1,324	812,203	1	500	19	2,870	105	68,558		
41	Fur goods. (See also Hats and caps, not including wool hats.)	19	12,238	74	22,352	1	90				
42	Furnishing goods, men's. (See also Shirts.)	26	17,760	140	38,453	5	917			29	4,000
43	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	30	13,846	1	26			5	1,920		
44	Furniture, chairs	356	140,936	8	2,500	48	7,352				
45	Furniture, factory product	686	318,680	5	1,270	41	6,950	25	12,100	1	250
46	Hairwork			8	3,800						
47	Hand stamps	10	6,000	3	660	5	925				
48	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	207	105,643			2	300	60	23,400		
49	Hats and caps, not including wool hats. (See also Fur goods.)	2	310	1	150			1	200	1	350
50	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	150	78,140								
51	Jewelry. (See also Watch, clock, and jewelry repairing.)	9	5,300			1	208	3	1,900		
52	Kindling wood	7	2,200			1	150				
53	Lamps and reflectors	284	116,740								
54	Lasts	18	9,120					15	16,184		
55	Liquors, malt	354	243,110								
56	Lithographing and engraving. (See also Printing and publishing.)	116	66,873	4	2,000	16	3,137			17	7,600
57	Lock and gun smithing	10	5,750			1	250				
58	Looking-glass and picture frames	301	153,565	26	7,250	21	3,225	21	15,400		
59	Lumber and other mill products from logs or bolts.	107	75,590					16	10,340		

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCHESTER, N. Y.—Continued.

Average number of employés and total wages—continued.		Cost of materials used.						Value of products.			
Piecoworkers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
154	$21,970	$33,320,398	$31,569,736	$311,370	$93,424	$63,566	$1,282,302	$65,091,156	$63,586,630	$1,504,526	1
.....	.....	70,706	69,952	104	150	.....	500	89,100	89,100	.....	2
.....	.....	34,350	33,450	225	50	.....	625	62,900	62,000	.....	3
10	750	15,979	15,488	441	.....	50	.....	67,359	67,359	.....	4
.....	.....	53,305	49,844	2,546	300	.....	615	247,246	225,966	21,280	5
.....	.....	19,097	18,570	30	332	.....	165	50,300	47,800	2,500	6
.....	.....	158,845	158,150	.....	645	.....	50	222,200	222,200	.....	7
.....	.....	20,087	19,900	5	172	.....	10	35,600	34,350	1,250	8
.....	.....	56,740	54,908	1,535	.....	7	290	178,308	140,818	37,490	9
21	2,759	3,469,823	3,340,581	6,004	13,438	.....	109,800	6,489,382	6,483,382	6,000	10
.....	.....	20,465	18,435	125	405	.....	1,500	42,100	42,000	100	11
6	586	48,588	46,941	1,100	347	.....	200	110,000	110,000	.....	12
.....	.....	123,850	121,500	1,050	500	300	500	212,400	212,400	.....	13
.....	.....	89,446	87,285	889	1,272	.....	.....	202,736	200,516	2,220	14
.....	.....	424,584	403,313	10,349	120	222	10,580	756,577	754,167	2,410	15
.....	.....	14,915	12,340	150	25	.....	2,400	26,500	26,500	.....	16
.....	.....	2,020,727	2,012,250	2,776	1,005	350	4,346	3,825,505	3,692,143	133,362	17
.....	.....	2,007	1,925	77	.....	.....	5	6,185	6,185	.....	18
.....	.....	105,487	98,424	4,639	.....	.....	2,424	229,263	226,337	2,926	19
.....	.....	235,404	223,103	6,281	.....	.....	6,020	759,918	640,344	119,574	20
.....	.....	12,886	12,686	.....	.....	.....	200	18,340	17,340	1,000	21
.....	.....	60,245	26,990	32,245	.....	510	500	222,400	222,400	.....	22
1	100	536,960	532,318	3,830	.....	5	807	1,289,135	1,272,625	16,510	23
60	6,000	4,972,945	4,948,786	10,478	12,343	325	1,013	9,133,562	9,132,437	1,125	24
.....	.....	996	600	259	87	.....	50	33,075	33,075	.....	25
.....	.....	36,330	22,350	2,296	.....	30	11,654	238,233	227,883	10,350	26
.....	.....	212,358	210,940	33	775	.....	610	405,400	405,400	.....	27
.....	.....	178,595	135,170	1,325	1,000	.....	41,100	253,000	135,000	118,000	28
.....	.....	260,154	243,308	1,491	120	.....	15,235	487,700	487,700	.....	29
.....	.....	169,720	167,744	1,926	.....	50	.....	301,531	290,031	11,500	30
.....	.....	26,330	26,000	115	200	.....	15	71,100	71,100	.....	31
.....	.....	36,787	31,429	3,013	185	10	2,150	133,110	132,600	510	32
.....	.....	6,159	5,550	179	130	.....	.....	41,700	41,200	500	33
.....	.....	5,400	5,200	125	.....	.....	75	16,700	16,700	.....	34
.....	.....	7,140	5,850	1,290	.....	.....	.....	68,900	68,900	.....	35
.....	.....	51,227	.....	12,366	.....	38,861	.....	264,343	250,056	14,287	36
.....	.....	1,680	1,300	5	375	.....	.....	10,900	10,900	.....	37
.....	.....	1,420	1,420	.....	.....	.....	.....	11,900	11,900	.....	38
.....	.....	3,920,734	3,648,364	2,805	2,730	1,002	265,833	4,608,226	4,413,173	195,053	39
28	7,728	1,065,385	1,000,349	29,805	7,011	4,900	23,320	2,944,049	2,846,299	97,750	40
.....	.....	194,188	185,140	72	476	.....	8,500	309,000	297,500	11,500	41
.....	.....	241,690	240,800	315	475	.....	100	477,000	477,000	.....	42
.....	.....	29,782	29,390	279	103	.....	10	71,300	71,150	150	43
.....	.....	291,467	284,187	1,000	3,280	500	2,500	583,500	583,500	.....	44
.....	.....	422,678	401,538	4,380	3,410	400	12,950	1,018,772	1,018,772	.....	45
.....	.....	6,748	6,670	58	.....	.....	20	23,925	23,900	25	46
.....	.....	3,858	3,620	213	25	.....	.....	27,290	27,290	.....	47
.....	.....	98,978	84,111	2,812	1,545	.....	10,510	308,527	297,527	11,000	48
.....	.....	2,360	2,225	85	.....	.....	50	7,863	5,763	2,100	49
.....	.....	119,482	115,377	2,150	1,340	15	600	256,500	247,400	9,100	50
.....	.....	67,175	67,000	75	100	.....	.....	126,000	126,000	.....	51
.....	.....	6,345	5,550	425	.....	20	350	14,350	14,350	.....	52
.....	.....	189,552	174,298	2,400	825	500	11,520	406,307	406,307	.....	53
.....	.....	7,065	5,515	.....	850	.....	700	50,000	50,000	.....	54
.....	.....	1,172,000	1,113,152	36,977	.....	150	21,721	3,064,930	3,061,530	3,400	55
.....	.....	130,635	128,510	1,200	725	200	.....	301,870	301,870	.....	56
.....	.....	33,872	33,690	82	.....	.....	100	52,500	50,500	2,000	57
.....	.....	209,198	165,895	3,996	350	2,012	36,345	517,000	517,000	.....	58
.....	.....	166,655	162,560	.....	.....	3,595	500	318,100	257,850	60,250	59

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCHESTER, N. Y.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
60	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	32	$132,413	$1,099,255	$126,000	$110,000	$205,205	$224,300	$151,750	$282,000
61	Marble and stone work. (See also Monuments and tombstones.)	5	20,460	177,293	.....	.....	16,475	31,723	33,247	95,848
62	Masonry, brick and stone	62	20,440	1,014,837	56,650	9,300	103,945	121,164	345,086	378,692
63	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	3	24,100	38,470	500	1,000	2,425	8,200	10,265	16,080
64	Millinery, custom work	26	135,210	101,535	8,500	4,600	5,000	34,510	25,100	23,825
65	Mineral and soda waters	9	22,350	101,935	13,500	7,500	65,310	3,200	1,025	11,400
66	Models and patterns	5	6,550	17,835	3,500	2,500	6,000	810	1,325	3,700
67	Monuments and tombstones. (See also Marble and stone work.)	8	19,730	188,575	67,700	33,000	10,875	5,050	43,100	28,850
68	Painting and paper hanging	74	105,844	275,144	5,200	2,400	28,188	41,640	36,425	161,291
69	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	10	37,665	1,207,158	200,000	200,000	49,756	302,980	108,550	345,872
70	Paving and paving materials	6	15,571	319,091	54,366	12,000	70,650	23,100	79,475	79,500
71	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	7	17,000	400,037	16,800	65,000	14,675	103,700	83,200	116,662
72	Photography	19	119,000	75,495	.....	.....	39,240	7,745	17,935	10,575
73	Plumbing and gas fitting	26	98,971	482,786	38,200	24,300	26,557	92,200	66,098	235,431
74	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	33	160,261	803,990	52,500	33,000	221,150	32,030	288,530	176,780
75	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	16	174,831	394,434	7,000	5,000	188,600	22,225	8,825	162,784
76	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	6	14,580	21,250	.....	500	4,250	2,050	2,250	12,260
77	Saddlery and harness	24	65,611	229,030	42,450	27,800	19,270	26,085	63,055	50,370
78	Sausage	7	26,220	67,050	23,000	14,000	16,700	4,050	3,200	6,100
79	Soap and candles. (See also Grease and tallow.)	4	3,150	120,200	40,100	37,400	28,000	2,200	2,800	9,700
80	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	50	161,399	331,002	30,700	27,100	56,754	27,661	62,750	126,097
81	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	63	87,790	1,026,100	52,750	110,950	33,240	463,300	42,625	323,235
82	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	4	4,295	271,450	28,000	16,500	39,000	51,850	101,600	34,500
83	Trunks and valises. (See also Leather goods.)	3	21,500	143,336	32,000	18,000	16,474	23,424	27,052	26,386
84	Watch, clock, and jewelry repairing. (See also Jewelry.)	19	95,786	120,785	.....	.....	10,250	36,305	39,780	34,450
85	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	3	15,284	15,930	.....	.....	5,300	4,060	6,310	260
86	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	6,011	11,725	1,600	2,800	3,350	750	775	2,450
87	All other industries (a)	110	664,228	6,156,837	602,673	789,008	1,160,374	722,999	1,326,432	1,555,351

ROCKFORD, ILL.

1	All industries	246	855,522	7,715,069	591,292	921,164	1,583,344	932,760	1,410,588	2,275,921
2	Agricultural implements	10	2,850	1,456,798	137,000	140,096	91,426	98,433	369,493	620,350
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	8	9,400	18,650	5,800	3,600	1,200	2,550	.....	5,500
4	Boots and shoes, custom work and repairing	6	7,368	1,235	.....	.....	620	65	.....	550
5	Boots and shoes, factory product	3	21,900	140,888	.....	.....	20,526	23,727	8,829	87,806
6	Bread and other bakery products	8	45,500	44,050	7,500	4,000	12,400	7,200	3,000	9,950
7	Carpentering	17	19,700	46,364	300	550	5,075	8,150	17,625	14,664
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	11,575	20,450	6,000	8,000	1,450	1,700	1,300	2,000
9	Clothing, men's, custom work and repairing	12	54,940	47,881	.....	.....	2,735	22,064	5,153	17,929
10	Clothing, men's, factory product	3	8,500	165,950	4,400	13,000	7,900	33,150	54,150	53,350
11	Clothing, women's, dressmaking	10	25,530	1,570	.....	.....	1,520	15	.....	35
12	Coffins and burial cases, trimming and finishing	3	17,100	7,850	.....	.....	4,000	1,350	.....	2,500
13	Confectionery	3	10,000	10,150	.....	.....	6,000	800	.....	3,350
14	Flouring and grist mill products	3	31,300	160,050	48,000	22,000	32,000	12,500	16,400	29,150
15	Foundry and machine shop products	11	141,400	383,710	16,000	56,500	75,300	20,750	84,060	131,100
16	Furniture, factory product. (See also Furniture, cabinetmaking, repairing and upholstering; Furniture, chairs.)	9	46,500	850,141	37,892	145,268	108,709	158,760	178,901	220,611
17	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	3	75,000	742,086	15,000	44,000	210,593	204,179	84,088	184,226

a Embraces agricultural implements, 1; artificial feathers and flowers, 2; artificial limbs, 2; awnings, tents, and sails, 2; belting and hose, leather, 1; bicycles and tricycles, 1; billiard tables and materials, 2; blacking, 1; boot and shoe findings, 1; bridges, 1; buttons, 1; carriages and sleds, children's, 1; cars and general shop construction and repairs by steam railroad companies, 2; cars, steam railroad, not including operations of railroad companies, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 1; china, decorating, 1; coffins and burial cases, trimming and finishing, 1; coffins, burial cases, and undertakers' goods, 2; cotton goods, 2; dentists' materials, 2; electrical apparatus and supplies, 2; engraving and diesinking, 2; fancy articles, not elsewhere specified, 1; fertilizers, 1; files, 2; fireworks, 1; food preparations, 1; fruits and vegetables, canning and preserving, 2; glass, 1; gloves and mittens, 1; gold and silver, leaf and foil, 1; grease and tallow, 1; hooks and eyes, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; ink, writing, 1; instruments, professional and scientific, 2;

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCHESTER, N. Y.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$52,779	$12,910	$4,083	$8,461	$0,250	$2,000	$1,500	$14,575	728	$406,890	71	$77,162	4	$1,820	60
6,466	2,654	589	38	670	.....	150	2,365	337	157,010	14	11,549	1	667	61
39,284	2,076	740	273	3,700	9,000	3,000	20,495	1,898	1,205,874	82	86,151	.....	.....	62
4,200	2,390	238	82	275	.....	.....	1,215	47	22,164	8	10,134	.....	.....	63
12,542	10,134	160	589	190	150	.....	1,310	123	57,504	11	8,060	25	15,790	64
12,336	1,788	298	298	3,402	.....	250	6,300	52	27,076	17	11,670	.....	.....	65
1,200	524	25	66	310	.....	.....	275	18	17,042	7	8,100	.....	.....	66
4,560	2,045	1,222	333	35	.....	.....	925	51	35,676	11	11,950	.....	.....	67
26,251	15,811	197	863	500	200	295	8,385	485	312,699	99	86,125	2	600	68
492,156	2,637	6,500	2,997	520	.....	.....	479,502	174	86,684	53	46,314	18	6,968	69
10,338	1,800	993	245	4,450	.....	2,250	600	607	277,406	16	16,370	1	400	70
35,021	1,326	640	1,355	650	.....	100	30,950	108	74,291	35	46,650	7	4,425	71
11,137	8,513	300	294	415	.....	500	1,115	78	42,228	21	18,640	5	2,430	72
35,806	9,719	957	800	1,720	600	1,764	20,246	406	230,739	58	59,122	5	1,050	73
34,298	12,501	2,458	2,144	2,990	400	12,160	1,645	387	217,866	63	60,550	4	2,800	74
91,845	12,587	1,175	2,376	3,207	.....	685	71,815	535	304,041	43	54,394	4	1,512	75
2,284	1,458	.....	26	55	.....	.....	745	51	32,580	7	6,650	.....	.....	76
10,317	5,577	565	929	190	250	528	2,278	118	67,722	30	23,655	.....	.....	77
5,084	2,360	530	204	505	.....	.....	1,425	34	18,202	8	5,200	3	900	78
4,709	300	1,219	365	1,050	.....	700	1,075	26	16,060	9	8,500	1	260	79
28,312	16,251	1,056	981	943	.....	508	8,573	338	193,227	80	63,258	1	260	80
443,929	7,462	216,558	5,347	1,180	3,750	52,639	156,993	874	303,778	83	73,759	4	2,000	81
9,195	365	560	470	2,450	.....	150	5,200	89	50,910	8	9,900	1	200	82
3,980	2,000	311	819	75	.....	.....	775	75	45,572	7	8,360	.....	.....	83
7,796	6,719	6	195	345	.....	.....	531	59	39,333	19	13,704	.....	.....	84
2,123	1,452	388	133	50	.....	.....	100	19	10,550	6	3,950	.....	.....	85
1,068	482	34	60	120	350	.....	22	26	17,616	6	5,378	.....	.....	86
423,062	61,109	128,716	28,675	52,237	2,510	51,141	99,274	4,675	2,246,850	477	507,643	48	19,883	87

ROCKFORD, ILL.

549,317	64,167	33,436	35,164	58,485	10,409	91,768	255,888	5,223	2,474,703	327	296,444	29	12,163	1
90,402	200	4,932	4,274	5,136	.....	26,872	48,988	389	241,910	41	41,105	4	1,884	2
1,082	850	47	.....	.....	.....	.....	185	21	13,368	7	5,148	.....	.....	3
669	589	.....	.....	.....	.....	.....	80	12	4,740	5	1,840	.....	.....	4
11,763	1,750	426	675	412	.....	4,000	4,500	157	66,095	7	7,699	.....	.....	5
6,044	3,793	314	267	430	.....	190	1,050	80	48,072	17	14,524	3	1,174	6
14,290	1,789	76	364	12	10,409	120	1,520	184	95,463	6	3,650	.....	.....	7
1,755	963	195	72	175	.....	.....	350	37	16,470	1	750	.....	.....	8
4,643	3,596	188	172	.....	.....	201	486	77	41,040	5	4,570	.....	.....	9
8,566	600	612	624	285	.....	1,820	4,625	209	59,172	5	3,980	1	600	10
1,817	1,662	.....	5	.....	.....	.....	150	46	8,580	.....	.....	4	972	11
1,636	1,011	15	10	.....	.....	.....	600	8	4,668	3	2,248	.....	.....	12
1,070	600	17	23	100	.....	30	300	13	7,790	6	4,110	.....	.....	13
11,399	2,500	953	1,421	1,200	.....	4,500	825	38	21,023	4	3,960	.....	.....	14
36,425	10,150	1,491	541	1,475	.....	583	22,185	337	170,106	23	21,880	1	600	15
47,241	3,250	1,977	8,005	3,053	.....	9,306	21,650	981	457,636	22	19,012	4	1,642	16
30,232	6,370	2,256	3,130	1,631	.....	12,658	4,187	768	245,393	18	18,409	2	1,090	17

iron and steel, forgings, 1; japanning, 1; labels and tags, 1; lead, bar, pipe, and sheet, 1; leather goods, 1; leather, morocco, 1; leather, tanned and curried, 2; lime and cement, 2; liquors, vinous, 1; malt, 2; mantels, slate, marble, and marbleized, 1; millinery and lace goods, 1; mucilage and paste, 1; optical goods, 1; paints, 1; paper, 1; petroleum, refining, 1; photographic apparatus, 2; photographic materials, 1; pickles, preserves, and sauces, 2; plumbers' supplies, 1; printing and publishing, music, 1; printing materials, 1; pumps, not including steam pumps, 2; saws, 1; scales and balances, 1; screws, machine, 1; sewing machine repairing, 1; shirts, 1; show cases, 2; silk and silk goods, 1; sporting goods, 2; stamped ware, 1; stationery goods, not elsewhere specified, 1; steam fittings and heating apparatus, 1; taxidermy, 2; timber products, not manufactured at mill, 1; tobacco, chewing, smoking, and snuff, 2; typewriters and supplies, 2; umbrellas and canes, 2; upholstery materials, 1; vinegar and cider, 1; washing machines and clothes wringers, 1; whips, 2; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCHESTER, N. Y.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
60	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	640	$325,295	1	$156	10	$1,657			2	$800
61	Marble and stone work. (See also Monuments and tombstones.)	68	43,556					254	$101,238		
62	Masonry, brick and stone	1,816	1,119,723								
63	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	18	5,980	1	250			12	3,600	8	2,200
64	Millinery, custom work	3	2,280	82	30,224	2	250				
65	Mineral and soda waters	32	14,506	3	900						
66	Models and patterns	9	7,752			1	150	1	1,040		
67	Monuments and tombstones. (See also Marble and stone work.)	40	23,720								
68	Painting and paper hanging	373	224,299			3	425	7	1,050	1	200
69	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	54	21,404	8	2,118			15	4,500	26	5,380
70	Paving and paving materials	590	260,636								
71	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	15	10,926	51	12,290						
72	Photography	20	10,632	20	7,463	4	850	5	1,113	3	900
73	Plumbing and gas fitting	335	168,987			7	1,280	1	300		
74	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	195	103,859	77	27,573	13	2,164	27	18,970	8	1,950
75	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	248	158,251	40	13,712	97	7,772	86	59,750	17	8,650
76	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	44	25,930								
77	Saddlery and harness	57	24,717	2	572	2	250	27	18,528		
78	Sausage	23	12,102								
79	Soap and candles. (See also Grease and tallow)	16	7,240								
80	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	239	124,155	5	2,972	12	2,482	1	100		
81	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	104	52,899	250	52,325	15	2,325	132	54,320	283	65,650
82	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	80	40,810								
83	Trunks and valises. (See also Leather goods.)	38	22,011			1	200	24	13,000	5	2,001
84	Watch, clock, and jewelry repairing. (See also Jewelry.)	37	25,254			3	375				
85	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	13	6,600								
86	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	20	12,238								
87	All other industries	2,679	1,370,291	561	132,271	111	13,299	298	103,720	470	96,190

ROCKFORD, ILL.—Continued.

1	All industries	3,553	1,785,751	767	202,467	79	14,223	234	117,122	234	46,533
2	Agricultural implements	320	188,394			3	500	21	10,027		
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	14	8,220								
4	Boots and shoes, custom work and repairing	7	2,000								
5	Boots and shoes, factory product	112	49,757	32	7,528	3	211	3	900		
6	Bread and other bakery products	54	30,284	6	2,090						
7	Carpentering	177	91,504	1	300						
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	35	15,408			1	312				
9	Clothing, men's, custom work and repairing	36	19,353					36	17,117		
10	Clothing, men's, factory product	30	17,140	86	24,634			6	720	81	12,098
11	Clothing, women's, dressmaking			42	7,608						
12	Coffins and burial cases, trimming and finishing	5	2,420								
13	Confectionery	7	3,680								
14	Flouring and grist mill products	34	17,003								
15	Foundry and machine shop products	310	147,086			3	540				
16	Furniture, factory product. (See also Furniture, cabinetmaking, repairing and upholstering; Furniture, chairs.)	848	379,562			5	1,040	102	56,380		
17	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	184	85,489	402	106,090	37	6,500			125	27,815

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCHESTER, N. Y.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$731,954	$694,053	$6,096	$10,155	$3,750	$17,900	$1,413,745	$1,393,245	$20,500	60
		124,639	124,354	260			25	351,986	346,960	5,026	61
		1,813,735	1,789,652	2,758	300		21,025	3,370,265	3,320,865	49,400	62
		55,031	54,582	264	160		25	96,495	95,795	700	63
		105,738	87,100	593			18,045	208,399	170,499	37,900	64
		24,421	23,538	383			500	94,679	94,679		65
		7,508	6,998	82	428			40,900	40,900		66
		38,549	37,500	944			105	101,000	101,000		67
		271,283	269,978	680			625	667,620	664,370	3,250	68
		416,338	411,414	2,300	100		2,524	1,363,625	1,363,625		69
		161,555	159,600	1,855			100	531,000	531,000		70
		187,100	151,100	1,300	200		34,500	415,900	415,900		71
		23,547	22,037	757	18		735	107,310	107,300	10	72
		575,644	572,938	1,691	980		35	925,314	910,514	14,800	73
		271,309	265,847	955	3,376		1,131	664,800	630,800	34,000	74
		183,179	175,517	1,430	360		5,872	736,096	704,371	31,725	75
		42,520	42,000	310			210	106,100	104,600	1,500	76
		123,698	122,329	729	300		340	238,467	222,970	15,497	77
		84,630	82,545	2,085				121,287	121,287		78
		32,100	31,000	1,085			15	65,200	65,200		79
		271,892	265,852	2,225	550		3,265	613,927	596,527	17,400	80
3	$500	691,349	418,828	4,176			268,345	1,607,131	1,596,381	10,750	81
		25,579	21,470	3,684	375		50	110,500	104,500	6,000	82
		70,473	69,793	680				152,500	152,500		83
		53,600	53,010	220		20	350	116,742	110,442	6,300	84
		12,143	11,903	140			100	46,200	46,200		85
		4,113	3,824	146	53	30	60	29,100	29,100		86
25	3,547	4,975,187	4,578,733	75,111	18,848	5,152	297,343	8,694,151	8,330,605	354,546	87

ROCKFORD, ILL.—Continued.

		4,248,001	3,971,845	79,126	6,853	21,554	168,623	8,888,904	8,601,339	287,565	1
		299,492	259,934	7,827	50		31,681	776,862	643,104	133,758	2
		6,010	5,450	560				30,500	30,500		3
		1,770	1,700	70				9,300	7,300	2,000	4
		121,720	118,064	856			2,800	225,580	225,580		5
		109,454	104,689	2,095	870		1,800	202,468	202,468		6
		173,406	172,811	25	320		250	336,475	332,175	4,300	7
		12,100	9,730	400			1,970	41,500	12,000	29,500	8
		35,448	34,780	168			500	103,032	95,419	7,613	9
		186,504	183,454	420	600	930	1,100	317,500	317,500		10
		2,690	2,000	50			640	16,560	8,300	8,260	11
		3,695	3,600	95				15,000	15,000		12
		15,980	15,720	200	60			32,186	32,186		13
		241,318	224,618	290	700	75	15,635	297,847	263,847	34,000	14
		149,440	134,045	9,925	500	1,520	3,450	481,915	468,765	13,150	15
		385,693	374,481	7,262		950	3,000	1,084,993	1,071,493	13,500	16
		544,666	528,864	5,428	1,000	6,614	2,760	1,026,221	1,026,221		17

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCKFORD, ILL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL. Value of hired property.	Direct investment. Aggregate.	Value of plant. Land.	Buildings.	Machinery, tools, and implements.	Live assets. Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
18	Masonry, brick and stone. (See also Plastering and stuccowork.)	13	$10,250	$39,345	$12,450	$3,550	$6,975	$1,570	$6,400	$8,400
19	Millinery, custom work	9	41,050	16,290	.....	.....	205	11,115	1,885	3,085
20	Monuments and tombstones	3	2,250	16,015	400	1,500	765	3,650	6,050	3,650
21	Painting and paper hanging	7	20,408	18,335	1,800	2,000	1,510	9,225	.....	3,800
22	Paving and paving materials	3	.....	8,300	2,450	950	1,400	1,400	400	1,700
23	Photography	5	27,300	9,125	.....	.....	6,200	1,025	.....	1,900
24	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	4,250	875	.....	.....	850	.....	.....	25
25	Plumbing and gas fitting	5	14,040	53,300	4,000	2,000	6,900	10,100	10,000	20,300
26	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, book and job.)	11	51,485	94,300	10,000	6,000	58,800	5,400	1,550	12,550
27	Saddlery and harness	5	3,954	37,825	12,600	11,100	1,000	3,525	4,300	5,300
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	6	12,665	12,900	.....	.....	3,350	3,050	1,000	5,500
29	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	3	5,524	4,435	.....	.....	375	1,300	400	2,360
30	Watch, clock, and jewelry repairing	8	14,000	4,450	.....	.....	2,450	1,950	.....	650
31	Wirework, including wire rope and cable	3	5,375	22,900	5,000	8,000	1,500	6,600	350	1,450
32	All other industries (a)	49	114,408	3,278,851	264,700	449,050	909,610	278,057	555,254	822,189

SACRAMENTO, CAL.

1	All industries	302	762,025	5,654,782	598,600	798,543	1,200,648	414,781	2,018,125	624,085
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	19	30,960	55,875	20,500	14,100	6,750	3,300	2,700	8,525
3	Boots and shoes, custom work and repairing	22	20,985	17,795	9,000	4,000	2,440	955	315	1,085
4	Bread and other bakery products	12	31,150	77,920	21,500	21,750	21,250	4,210	1,010	8,200
5	Brick and tile. (See also Clay and pottery products.)	3	.....	26,850	5,450	1,700	6,600	300	5,300	7,500
6	Carpentering	23	18,200	39,375	3,400	4,000	16,075	4,050	4,500	7,350
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	7	39,000	211,078	59,000	56,500	12,278	11,000	56,300	16,000
8	Clothing, men's, custom work and repairing	13	45,900	62,535	13,000	11,000	1,565	25,385	1,250	10,335
9	Clothing, women's, dressmaking	14	24,715	9,080	3,000	3,000	2,250	80	500	250
10	Coffins and burial cases, trimming and finishing.	3	8,500	14,875	.....	.....	1,500	4,500	375	8,500
11	Confectionery	6	46,200	84,408	5,000	5,000	18,008	4,010	22,300	30,000
12	Dentistry, mechanical	3	900	1,585	.....	.....	850	135	.....	600
13	Flouring and grist mill products	3	.....	668,000	74,000	84,000	159,000	105,000	67,000	179,000
14	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	6	4,000	114,428	24,000	12,800	24,500	11,905	6,650	34,573
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	6	10,200	11,150	.....	.....	700	2,950	4,500	3,000
16	Liquors, malt	5	86,240	379,475	72,500	86,000	130,500	23,477	49,520	17,478
17	Lock and gun smithing	3	800	5,550	2,000	1,000	1,550	250	.....	750
18	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	3	1,800	68,300	11,000	8,000	27,500	4,600	3,000	14,200
19	Masonry, brick and stone. (See also Plastering and stuccowork.)	5	1,600	15,255	2,000	1,000	2,095	10	.....	10,150
20	Millinery, custom work	6	20,520	48,030	5,000	12,900	230	15,500	12,650	1,750
21	Painting and paper hanging	11	11,075	36,990	10,000	10,000	2,680	10,710	400	3,200
22	Paving and paving materials	3	4,100	2,600	.....	.....	2,600	.....	.....	.....
23	Photography	7	40,400	16,450	.....	.....	11,100	1,950	2,300	1,100
24	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	8,500	7,750	1,000	650	1,075	3,050	425	1,550
25	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	4,400	2,700	.....	.....	2,700	.....	.....	.....
26	Plumbing and gas fitting	10	28,475	59,810	100	50	6,700	14,260	21,100	17,600
27	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	4	19,570	27,250	.....	.....	16,900	5,500	250	4,600
28	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	5	38 570	98,856	5,000	7,000	44,200	2,470	350	39,836
29	Saddlery and harness	10	17,915	103,251	11,250	9,500	12,465	7,925	33,700	28,411
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	7	9,415	25,725	6,800	5,600	5,325	3,050	3,100	1,850
31	Tobacco, cigars and cigarettes	9	15,800	8,310	.....	.....	925	3,010	4,375	.....
32	Watch, clock, and jewelry repairing. (See also Jewelry.)	11	21,300	11,600	.....	.....	5,600	3,350	1,800	850
33	All other industries (b)	57	150,835	3,341,926	234,100	438,993	652,737	137,889	1,712,365	165,842

a Embraces axle grease, 1; blacking, 1; bookbinding and blank-book making, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; bridges, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 1; cotton goods, 1; dentistry, mechanical, 1; dyeing and cleaning, 2; electroplating, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 1; furniture, cabinetmaking, repairing, and upholstering, 1; furniture, chairs, 1; gas, illuminating and heating, 1; gloves and mittens, 1; glucose, 1; hand stamps, 1; hardware, 1; iron and steel, bolts, nuts, washers, and rivets, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; leather, tanned and curried, 1; lime and cement, 1; liquors, malt, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 1; mineral and soda waters, 2; paints, 1; paper, 1; patent medicines and compounds, 2; photographic materials, 1; printing and publishing, book and job, 1; pumps, not including steam pumps, 2; roofing and roofing materials, 1; soap and candles, 2; tobacco, chewing, smoking, and snuff, 1; tools, not elsewhere specified, 1; watch cases, 1; watches, 1; windmills, 1; woolen goods, 1.

b Embraces agricultural implements, 2; baskets and rattan and willow ware, 1; bookbinding and blank-book making, 1; boxes, wooden packing, 2; brooms

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCKFORD, ILL.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$2,449	$930	$138	$31	$100	.....	.....	$1,250	183	$94,873	7	$4,190	.....	.....	18
3,229	2,603	58	68	.....	.....	.....	500	29	7,023	1	520	4	$1,551	19
786	180	120	21	.....	.....	$65	400	11	11,620	4	5,960	.....	.....	20
2,717	1,634	85	73	.....	.....	.....	925	63	31,880	5	3,350	1	300	21
383	.....	24	7	50	.....	90	212	15	5,544	4	2,027	.....	.....	22
2,432	1,730	63	64	.....	.....	.....	575	15	8,706	6	3,984	.....	.....	23
485	340	.....	.....	.....	.....	.....	145	12	5,981	2	1,440	.....	.....	24
2,647	980	207	110	275	.....	550	525	47	28,915	7	7,165	.....	.....	25
22,524	3,879	416	361	312	.....	300	17,256	132	74,774	20	18,764	1	200	26
1,077	276	262	164	200	.....	.....	175	17	8,829	3	1,865	.....	.....	27
1,773	950	30	18	.....	.....	.....	775	22	14,392	4	3,780	.....	.....	28
2,079	442	1,591	21	.....	.....	25	.....	12	6,823	1	552	.....	.....	29
1,031	886	.....	.....	.....	.....	.....	145	11	6,004	4	2,004	.....	.....	30
755	430	58	.....	.....	.....	40	227	13	5,414	3	1,874	.....	.....	31
235,916	9,234	16,885	14,643	43,639	.....	30,418	121,097	1,284	662,339	86	86,075	4	2,150	32

SACRAMENTO, CAL.

439,227	83,093	66,758	29,888	41,600	$47,973	30,157	139,749	4,510	2,067,954	292	294,466	32	20,619	1
6,461	3,870	1,111	530	150	.....	30	770	58	47,755	13	14,049	.....	.....	2
3,089	2,518	191	55	.....	.....	.....	325	29	17,342	14	8,991	.....	.....	3
7,988	3,582	667	629	950	.....	.....	2,160	60	46,878	9	9,240	.....	.....	4
1,673	.....	258	15	.....	.....	.....	1,400	48	16,472	2	1,430	.....	.....	5
51,820	2,183	285	158	231	47,973	185	805	178	153,547	13	14,834	.....	.....	6
9,573	4,680	1,369	1,549	550	.....	1,000	425	65	46,797	6	6,100	.....	.....	7
7,547	5,510	375	320	162	.....	300	880	75	61,573	13	15,095	.....	.....	8
3,162	2,965	118	39	.....	.....	.....	40	121	52,741	2	1,120	10	6,139	9
3,140	1,020	.....	20	.....	.....	.....	2,100	10	11,520	3	3,900	.....	.....	10
15,843	4,620	486	587	447	.....	419	9,284	84	37,052	9	8,390	3	1,360	11
158	108	.....	.....	.....	.....	.....	50	3	2,000	3	2,000	.....	.....	12
25,354	.....	5,163	7,977	6,750	.....	2,000	3,464	73	61,341	18	23,580	.....	.....	13
3,873	480	869	804	1,120	.....	.....	600	104	93,369	7	9,400	.....	.....	14
2,073	1,270	158	135	10	.....	100	400	16	14,900	2	1,600	.....	.....	15
87,139	8,624	37,434	4,120	15,200	.....	1,000	20,761	74	61,449	9	11,682	.....	.....	16
341	96	60	25	.....	.....	.....	160	7	6,652	3	3,220	.....	.....	17
4,325	215	610	1,120	1,376	.....	740	264	56	44,663	8	9,010	.....	.....	18
1,332	192	60	30	.....	.....	.....	1,050	93	58,080	2	1,900	.....	.....	19
8,743	2,360	534	370	534	.....	465	4,480	45	22,600	.....	.....	6	5,448	20
2,511	1,274	389	148	200	.....	.....	500	50	43,034	8	6,826	.....	.....	21
1,001	490	11	.....	.....	.....	.....	500	18	14,225	3	2,145	.....	.....	22
4,493	4,040	123	180	.....	.....	.....	150	26	19,560	5	5,090	.....	.....	23
1,307	936	78	68	.....	.....	.....	225	13	7,602	4	2,960	.....	.....	24
548	528	20	.....	.....	.....	.....	.....	20	20,350	.....	.....	.....	.....	25
6,920	3,276	90	154	.....	.....	.....	3,400	73	60,100	9	10,420	.....	.....	26
3,680	1,860	.....	.....	100	.....	.....	1,720	30	26,478	5	6,300	.....	.....	27
67,766	3,665	906	558	352	.....	225	62,060	107	115,517	16	20,537	.....	.....	28
8,019	2,150	759	381	665	.....	90	3,974	137	98,559	7	7,692	2	1,000	29
3,285	1,130	450	70	25	.....	60	1,550	26	18,374	3	2,490	.....	.....	30
6,027	1,896	3,815	144	112	.....	60	.....	28	13,060	1	1,000	.....	.....	31
2,853	2,556	82	65	.....	.....	.....	150	20	15,816	5	3,892	.....	.....	32
87,183	14,999	10,287	9,637	12,675	.....	23,483	16,102	2,763	1,657,588	90	79,513	11	6,672	33

and brushes, 2; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; clay and pottery products, 1; clothing, women's, factory product, 1; coffee and spice, roasting and grinding, 2; cooperage, 1; dyeing and cleaning, 2; engraving, wood, 1; fancy articles, not elsewhere specified, 2; flavoring extracts, 1; fruits and vegetables, canning and preserving, 2; furnishing goods; men's, 2; furniture, factory product, 2; gas, illuminating and heating, 1; gas machines and meters, 1; gloves and mittens, 1; grease and tallow, 1; hand stamps, 1; hardware, saddlery, 2; iron and steel, 1; ironwork, architectural and ornamental, 1; jewelry, 1; looking-glass and picture frames, 2; malt, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 1; monuments and tombstones, 2; patent medicines and compounds, 1; roofing and roofing materials, 1; shirts, 2; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; trunks and valises, 1; upholstery materials, 1; wood, turned and carved, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ROCKFORD, ILL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
18	Masonry, brick and stone. (See also Plastering and stuccowork.)	176	$90,683								
19	Millinery, custom work			24	$4,952						
20	Monuments and tombstones	7	5,660								
21	Painting and paper hanging	57	28,230								
22	Paving and paving materials	11	3,517								
23	Photography	7	3,552	2	1,230						
24	Plastering and stuccowork. (See also Masonry, brick and stone.)	10	4,541								
25	Plumbing and gas fitting	40	21,750								
26	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making; Printing and publishing, book and job.)	63	36,196	13	2,565	8	$1,200	24	$14,509	3	$1,340
27	Saddlery and harness	13	6,914			1	50				
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	18	10,612								
29	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	5	3,725			3	546	3	2,000		
30	Watch, clock, and jewelry repairing	7	4,000								
31	Wirework, including wire rope and cable	9	3,390			1	150				
32	All other industries	957	504,721	159	45,470	14	3,174	39	15,460	25	5,280

SACRAMENTO, CAL.—Continued.

1	All industries	3,183	2,362,697	236	91,292	24	5,327	253	146,274	440	45,270
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	45	33,706								
3	Boots and shoes, custom work and repairing	9	5,207					6	3,144		
4	Bread and other bakery products	51	37,638								
5	Brick and tile. (See also Clay and pottery products.)	20	9,162					26	5,880		
6	Carpentering	165	138,713								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	58	40,535			1	162				
8	Clothing, men's, custom work and repairing	22	18,746	7	3,024			32	24,240	1	468
9	Clothing, women's, dressmaking			109	45,482						
10	Coffins and burial cases, trimming and finishing	7	7,620								
11	Confectionery	38	20,454	34	7,748						
12	Dentistry, mechanical										
13	Flouring and grist mill products	55	37,761								
14	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	96	83,819					1	150		
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	14	13,300								
16	Liquors, malt	65	49,767								
17	Lock and gun smithing	4	3,432								
18	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	48	35,653								
19	Masonry, brick and stone. (See also Plastering and stuccowork.)	91	56,180								
20	Millinery, custom work	1	364	38	16,788						
21	Painting and paper hanging	42	36,208								
22	Paving and paving materials	15	12,080								
23	Photography	14	10,000	7	4,470						
24	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	6	3,202	1	240			2	1,200		
25	Plastering and stuccowork. (See also Masonry, brick and stone.)	16	16,350					4	4,000		
26	Plumbing and gas fitting	64	49,680								
27	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	17	15,396	3	1,872	3	726	2	2,184		
28	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	48	54,385	2	810			40	39,318	1	467
29	Saddlery and harness	40	29,169			10	1,500	78	59,198		
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	23	15,884								
31	Tobacco, cigars and cigarettes	17	9,200					10	2,860		
32	Watch, clock, and jewelry repairing. (See also Jewelry.)	15	11,924								
33	All other industries	2,077	1,507,162	35	10,858	10	2,939	52	4,100	438	44,344

BY SPECIFIED INDUSTRIES: 1890—Continued.

ROCKFORD, ILL.—Continued.

Average number of employés and total wages—continued. Piecework ers—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$134,408	$134,333	$75	.....	.....	.....	$268,866	$268,866	.....	18
.....	.....	16,060	15,090	120	.....	$50	$800	33,150	30,150	$3,000	19
.....	.....	29,055	29,000	45	.....	.....	10	54,000	54,000	.....	20
.....	.....	29,589	29,400	189	.....	.....	.....	84,300	84,300	.....	21
.....	.....	5,455	4,545	10	.....	.....	900	14,500	14,000	500	22
.....	.....	6,830	6,500	330	.....	.....	.....	22,892	22,892	.....	23
.....	.....	3,692	3,442	.....	.....	.....	250	14,100	13,100	1,000	24
.....	.....	40,125	38,550	325	$650	200	400	87,900	82,900	5,000	25
.....	.....	29,361	26,003	460	913	.....	1,985	162,561	162,356	205	26
.....	.....	8,385	8,350	35	.....	.....	.....	21,700	17,700	4,000	27
.....	.....	19,807	19,015	340	.....	.....	452	45,722	45,722	.....	28
.....	.....	7,047	6,270	.....	.....	.....	777	16,847	16,847	.....	29
.....	.....	1,441	1,350	85	.....	.....	6	12,362	11,600	762	30
.....	.....	21,126	21,026	100	.....	.....	.....	32,000	32,000	.....	31
.....	.....	1,606,234	1,455,031	41,341	1,190	11,215	97,457	3,020,065	2,993,048	27,017	32

SACRAMENTO, CAL.—Continued.

50	$2,000	6,033,317	5,641,173	153,961	2,660	13,194	222,329	10,424,582	9,165,061	1,259,521	1
.....	.....	27,826	26,155	1,671	.....	.....	.....	99,360	82,980	16,380	2
.....	.....	11,523	11,037	75	.....	.....	411	37,068	23,390	13,678	3
.....	.....	84,603	77,641	3,818	.....	.....	3,144	167,250	167,250	.....	4
.....	.....	21,600	.....	16,300	.....	.....	5,300	49,500	49,500	.....	5
.....	.....	331,729	325,679	300	.....	.....	5,750	579,221	536,596	42,625	6
.....	.....	34,938	32,504	2,034	.....	.....	400	109,663	48,545	61,118	7
.....	.....	59,856	59,245	350	.....	.....	261	147,590	144,400	3,190	8
.....	.....	2,895	.....	185	.....	.....	2,710	69,582	69,010	572	9
.....	.....	14,700	14,700	.....	.....	.....	.....	33,400	33,400	.....	10
.....	.....	59,288	47,226	2,987	.....	.....	9,075	141,895	128,895	13,000	11
.....	.....	525	525	.....	.....	.....	.....	3,000	3,000	.....	12
.....	.....	1,262,660	1,211,930	22,530	.....	1,000	27,200	1,525,460	1,492,460	33,000	13
.....	.....	77,113	68,870	4,572	.....	711	2,960	199,968	180,348	19,620	14
.....	.....	10,232	8,972	20	.....	.....	1,240	36,012	31,812	4,200	15
.....	.....	92,871	75,071	13,150	.....	.....	4,650	283,696	280,036	3,660	16
.....	.....	1,491	1,491	.....	.....	.....	.....	10,120	.....	10,120	17
.....	.....	34,245	33,161	531	.....	150	403	91,985	91,985	.....	18
.....	.....	116,405	116,025	.....	.....	.....	380	199,210	195,110	4,100	19
.....	.....	41,330	41,300	.....	.....	.....	30	90,330	89,580	750	20
.....	.....	16,658	16,119	14	.....	.....	525	74,350	74,350	.....	21
.....	.....	22,750	22,750	.....	.....	.....	.....	42,900	42,900	.....	22
.....	.....	24,810	24,461	39	.....	.....	310	80,500	80,500	.....	23
.....	.....	14,337	8,492	520	.....	.....	5,325	28,250	28,250	.....	24
.....	.....	19,767	19,517	.....	.....	.....	250	44,450	44,450	.....	25
.....	.....	65,573	65,000	573	.....	.....	.....	159,500	120,500	39,000	26
.....	.....	13,340	12,500	.....	840	.....	.....	46,900	46,900	.....	27
.....	.....	41,677	35,512	2,344	300	.....	3,521	252,610	252,360	250	28
.....	.....	94,120	91,245	15	1,280	50	1,530	225,279	215,449	9,830	29
.....	.....	16,483	16,082	396	.....	.....	5	46,360	34,500	11,860	30
.....	.....	15,621	14,433	.....	.....	.....	1,188	39,163	38,763	400	31
.....	.....	6,155	5,935	60	.....	.....	160	32,650	28,750	3,900	32
50	2,000	3,396,196	3,157,595	81,477	240	11,283	145,601	5,477,360	4,509,092	968,268	33

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAGINAW, MICH.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries (a)	335	$792,746	$12,406,823	$2,794,587	$1,433,534	$2,008,413	$1,176,352	$2,093,083	$2,900,854
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	26	14,240	65,170	15,000	18,100	9,760	4,450	4,675	13,185
3	Boots and shoes, custom work and repairing	14	15,200	16,160	1,600	3,300	1,770	1,300	855	7,335
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	3	.....	70,635	8,000	30,000	3,150	425	125	28,935
5	Bread and other bakery products	10	37,200	50,525	6,800	13,800	14,080	4,650	1,910	9,285
6	Carpentering	12	3,700	51,100	5,050	6,650	2,530	8,700	13,700	14,470
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	7	1,200	79,579	18,400	20,000	9,103	7,185	11,192	13,699
8	Clothing, men's, custom work and repairing	20	69,825	132,520	12,000	14,150	4,570	60,825	6,400	34,575
9	Clothing, women's, dressmaking	11	25,975	13,675	.....	.....	1,150	8,225	3,050	650
10	Cooperage	4	400	12,805	3,000	4,550	1,100	1,875	1,030	1,250
11	Dyeing and cleaning	3	12,700	2,750	.....	.....	1,200	975	475	100
12	Flouring and grist mill products	4	25,575	271,648	21,000	59,000	77,000	31,011	27,500	56,137
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	10	1,670	1,113,019	56,150	85,200	154,100	39,800	77,450	700,319
14	Furniture, cabinetmaking, repairing and upholstering.	5	35,660	22,625	250	150	1,650	4,400	1,650	14,525
15	Furniture, factory product	4	3,000	254,675	17,440	41,000	46,785	64,600	50,300	34,550
16	Liquors, malt. (See also Bottling.)	5	25,000	205,300	17,700	51,500	60,000	16,300	25,500	34,300
17	Lock and gun smithing	3	5,556	7,500	.....	.....	1,615	180	530	5,175
18	Lumber and other mill products from logs or bolts.	24	121,000	6,588,848	2,306,769	274,591	707,492	466,230	1,430,773	1,402,993
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	7	.....	997,055	92,000	121,000	206,000	296,000	57,500	224,555
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	8	.....	100,190	18,300	23,600	4,200	2,990	32,500	18,600
21	Millinery, custom work	11	37,500	27,040	3,000	4,000	600	11,500	4,000	3,940
22	Painting and paper hanging	7	23,040	25,995	3,500	4,500	2,845	5,650	2,500	7,000
23	Paving and paving materials	3	1,525	34,450	500	1,500	2,550	900	400	28,600
24	Photography	4	15,250	14,765	500	3,000	8,700	1,575	715	275
25	Plumbing and gas fitting	6	23,000	27,500	.....	.....	2,475	6,575	2,750	15,700
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3	28,000	40,300	.....	.....	33,000	2,800	500	4,000
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	9	38,700	88,999	4,500	12,000	49,000	8,200	1,850	13,449
28	Saddlery and harness	9	13,645	36,185	7,500	13,000	1,075	2,385	8,375	3,850
29	Salt	30	.....	797,727	95,978	398,693	158,807	25,059	89,239	29,951
30	Tinsmithing, coppersmithing, and sheet-iron working.	12	13,450	26,325	3,900	4,600	8,700	2,525	2,950	3,650
31	Tobacco, cigars and cigarettes	16	27,635	38,230	750	1,400	1,690	13,205	7,225	13,960
32	Watch, clock, and jewelry repairing	7	13,100	3,875	.....	.....	1,400	1,825	450	200
33	All other industries (b)	38	160,000	1,189,653	75,000	224,250	430,316	74,032	224,414	161,641

ST. JOSEPH, MO.

1	All industries	276	1,217,190	5,230,697	658,245	659,693	1,189,975	673,012	933,489	1,116,283
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	11	15,612	34,023	22,500	6,375	1,260	490	678	2,720
3	Boots and shoes, custom work and repairing	10	28,606	3,085	.....	.....	640	865	485	1,095
4	Bread and other bakery products	9	21,750	168,125	44,000	52,500	24,500	6,400	16,125	24,600
5	Brick and tile	11	12,555	234,630	77,500	12,150	76,500	180	36,750	31,550
6	Carpentering	12	18,687	72,560	.....	.....	1,350	2,660	56,150	12,400
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	51,150	81,231	17,225	12,500	6,500	9,795	16,950	18,261
8	Clothing, men's, custom work and repairing	11	71,637	52,105	.....	.....	1,950	36,100	5,355	8,700
9	Clothing, men's, factory product	5	87,310	437,860	20,000	30,000	44,493	145,367	93,000	105,000
10	Clothing, women's, dressmaking	20	41,650	16,270	3,500	1,500	2,560	600	1,710	6,400
11	Cooperage	5	1,000	81,985	25,300	20,400	6,170	7,715	3,800	18,600
12	Flouring and grist mill products	5	20,650	577,813	44,000	65,000	141,500	77,394	62,404	187,515
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	3	21,460	118,300	.....	.....	71,550	8,750	3,200	34,800
14	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	4	15,535	4,670	.....	.....	635	2,050	1,085	900
15	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	4	19,062	94,675	4,000	9,000	40,050	12,025	15,500	14,100
16	Liquors, malt. (See also Bottling.)	4	20,750	362,807	50,000	109,000	101,800	18,570	34,480	48,957
17	Looking-glass and picture frames	4	20,026	11,875	.....	.....	425	8,400	1,050	2,000

a Excludes returns from manufacturers of "Timber products, not manufactured at mill" having offices in Saginaw. This industry is reported as of the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The totals of such reports obtained in Saginaw are as follows: number of establishments reporting, 25; capital, direct investment, $5,253,307; miscellaneous expenses, $689,413; average number of employés, 3,236; total wages, $724,304; cost of material used, $851,965; value of products, $2,271,271.

b Embraces awnings, tents, and sails, 1; bookbinding and blank-book making, 2; boxes, cigar, 1; cars and general shop construction and repairs by steam railroad

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAGINAW, MICH.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$667,399	$65,651	$134,665	$97,214	$98,582	$7,198	$139,830	$133,259	5,716	$2,653,135	386	$370,768	25	$10,744	1
2,893	1,353	625	318	190	.....	62	345	81	52,495	18	12,494	.....	.....	2
1,496	1,367	69	50	.....	.....	.....	10	32	15,785	9	4,195	.....	.....	3
9,348	.....	772	201	1,200	.....	.....	7,175	17	9,215	2	1,420	.....	.....	4
6,954	3,348	615	451	170	.....	280	2,090	56	25,038	13	7,302	2	450	5
1,525	332	323	120	.....	.....	.....	750	131	78,140	7	7,075	.....	.....	6
2,503	96	619	543	420	.....	485	340	64	38,453	7	6,739	.....	.....	7
11,117	6,292	858	1,030	12	2,000	175	750	175	101,632	22	19,350	.....	.....	8
2,688	2,328	.....	10	.....	.....	.....	350	82	26,155	2	800	2	1,600	9
650	40	230	80	50	.....	.....	250	16	7,536	4	2,136	.....	.....	10
1,290	1,140	.....	.....	.....	.....	.....	150	13	6,500	3	2,200	.....	.....	11
23,976	2,300	3,736	4,857	578	.....	9,000	3,505	73	30,939	8	6,850	.....	.....	12
78,503	150	4,777	3,628	8,101	.....	4,963	56,884	465	296,771	35	41,052	1	520	13
4,512	3,120	566	276	50	.....	300	200	23	12,310	1	780	.....	.....	14
14,181	240	1,425	3,060	1,650	.....	7,800	6	276	110,811	17	18,000	.....	.....	15
48,081	2,000	30,509	1,135	3,200	.....	.....	11,237	52	37,594	7	7,424	.....	.....	16
527	500	9	18	.....	.....	.....	.....	6	3,000	1	364	.....	.....	17
255,441	9,670	59,294	42,422	51,204	.....	75,037	17,814	1,591	506,873	41	50,328	.....	.....	18
41,440	.....	5,765	22,150	4,575	.....	8,650	300	685	305,205	42	45,780	1	468	19
2,565	.....	770	545	50	.....	.....	1,200	152	100,330	9	13,100	.....	.....	20
3,927	3,187	339	201	.....	.....	.....	200	66	20,255	2	1,124	12	5,784	21
3,042	2,016	170	131	.....	.....	35	690	70	38,800	4	3,325	.....	.....	22
940	150	320	20	.....	.....	150	300	73	20,578	3	3,060	.....	.....	23
1,470	1,220	54	21	.....	.....	.....	175	13	8,150	5	4,750	.....	.....	24
2,643	2,005	163	50	225	.....	.....	200	52	31,576	5	3,766	.....	.....	25
4,415	1,960	100	255	500	.....	1,000	600	42	26,100	6	6,700	.....	.....	26
15,332	2,708	341	578	1,225	.....	75	10,405	176	73,467	18	16,368	3	936	27
2,080	1,160	561	236	97	.....	.....	35	31	18,492	10	7,438	.....	.....	28
44,166	.....	6,385	8,190	13,122	3,868	1,125	11,476	329	121,820	9	7,300	.....	.....	29
2,413	1,210	500	277	50	.....	180	196	43	25,986	6	4,220	.....	.....	30
13,346	2,418	10,306	337	.....	.....	.....	285	91	41,229	11	7,368	.....	.....	31
1,270	1,145	.....	.....	.....	.....	.....	125	15	8,620	8	4,600	.....	.....	32
62,656	12,196	4,464	6,024	11,913	1,330	21,513	5,216	725	393,280	51	53,360	4	986	33

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496,472	91,935	70,484	33,132	39,107	.....	31,549	230,265	5,026	2,351,691	425	370,387	22	11,073	1
2,546	1,249	261	76	.....	.....	.....	960	33	21,759	12	9,299	.....	.....	2
2,367	2,217	50	40	.....	.....	.....	60	13	6,171	7	3,103	.....	.....	3
15,609	1,740	564	600	1,205	.....	1,500	10,000	65	28,646	8	6,800	.....	.....	4
11,705	1,130	585	475	2,400	.....	2,615	4,500	384	123,327	8	8,200	.....	.....	5
1,644	1,495	.....	49	.....	.....	.....	100	111	78,066	2	1,248	.....	.....	6
7,804	4,824	794	651	170	.....	130	1,235	83	47,921	14	12,580	.....	.....	7
8,982	5,731	480	316	35	.....	95	2,325	92	62,772	14	11,048	.....	.....	8
21,267	6,053	2,358	2,461	4,380	.....	.....	6,015	1,017	291,050	23	26,200	.....	.....	9
3,477	3,332	18	127	.....	.....	.....	.....	142	46,224	.....	.....	.....	.....	10
4,121	75	426	556	500	.....	450	2,114	82	54,834	6	5,100	.....	.....	11
45,068	1,830	4,668	6,670	1,900	.....	1,200	28,800	123	70,284	28	25,015	1	600	12
13,618	1,980	358	405	575	.....	.....	10,300	66	42,038	3	2,340	.....	.....	13
1,306	1,204	.....	17	.....	.....	.....	85	9	4,532	2	1,020	.....	.....	14
27,285	1,525	690	675	6,045	.....	600	17,750	107	58,195	4	3,580	1	600	15
61,977	1,800	36,685	2,575	3,281	.....	136	17,500	96	72,838	14	15,880	.....	.....	16
2,452	1,502	55	105	.....	.....	35	755	12	8,250	8	6,100	.....	.....	17

companies, 2; chemicals, 1; clay and pottery products, 1; confectionery, 1; cutlery and edge tools, 1; files, 1; furnishing goods, men's, 1; gas, illuminating and heating, 2; ironwork, architectural and ornamental, 2; leather, tanned and currried, 1; lime and cement, 2; looking-glass and picture frames, 1; marble and stone work, 2; mineral and soda waters, 2; monuments and tombstones, 1; plastering and stuccowork, 1; pumps, not including steam pumps, 1; rules, ivory and wood, 1; saws, 1; shipbuilding, 2; shirts, 1; soap and candles, 1; tools, not elsewhere specified, 2; trunks and valises, 1; umbrellas and canes, 1; wood, turned and carved, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAGINAW, MICH.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Pieceworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	4,504	$2,010,485	208	$56,542	122	$14,349	418	$176,254	36	$11,758
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	63	40,001								
3	Boots and shoes, custom work and repairing	19	9,626					4	1,964		
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	12	7,327	3	468						
5	Bread and other bakery products	36	16,126	4	960	1	200				
6	Carpentering	124	71,065								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	56	30,514					1	1,200		
8	Clothing, men's, custom work and repairing	52	33,510	22	5,934	1	130	59	33,358	19	9,350
9	Clothing, women's, dressmaking			77	23,705					1	50
10	Cooperage	3	1,320					9	4,080		
11	Dyeing and cleaning	6	3,000	4	1,300						
12	Flouring and grist mill products	65	24,089								
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	429	255,199								
14	Furniture, cabinetmaking, repairing and upholstering.	21	11,280	1	250						
15	Furniture, factory product	234	85,061					25	7,750		
16	Liquors, malt. (See also Bottling.)	45	30,170								
17	Lock and gun smithing	5	2,636								
18	Lumber and other mill products from logs or bolts.	1,415	476,682			13	1,960	117	36,793		
19	Lumber, planing mill products, including, sash, doors, and blinds. (See also Wood, turned carved.)	598	249,857			35	5,100	9	4,000		
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	133	84,880					10	2,350		
21	Millinery, custom work			47	12,847	5	500				
22	Painting and paper hanging	66	35,475								
23	Paving and paving materials	70	17,518								
24	Photography	4	2,150	3	1,050			1	200		
25	Plumbing and gas fitting	46	27,654			1	156				
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	31	18,150	5	1,250						
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	63	25,166	9	1,820	49	3,693	34	25,484		
28	Saddlery and harness	21	11,054								
29	Salt	195	77,021	11	2,025	7	1,100	102	33,739		
30	Tinsmithing, coppersmithing, and sheet-iron working.	36	21,662			1	104				
31	Tobacco, cigars and cigarettes	31	14,164	5	785	1	156	33	17,026	9	1,470
32	Watch, clock, and jewelry repairing	7	4,020								
33	All other industries	618	324,108	17	4,148	8	1,250	14	8,400	7	888

ST. JOSEPH, MO.—Continued.

1	All industries	2,543	1,330,224	478	127,680	61	8,701	592	280,730	880	220,946
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	21	12,460								
3	Boots and shoes, custom work and repairing	6	3,068								
4	Bread and other bakery products	47	19,246	10	2,600						
5	Brick and tile	196	63,091			24	3,316	146	47,700		
6	Carpentering	109	76,818								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	57	31,241	3	780	2	520	7	2,800		
8	Clothing, men's, custom work and repairing	9	7,734	1	300	1	156	63	41,734	4	1,800
9	Clothing, men's, factory product	82	40,094	43	8,844			11	5,636	858	210,276
10	Clothing, women's, dressmaking			142	46,224						
11	Cooperage	54	31,072					22	18,662		
12	Flouring and grist mill products	72	40,909					22	3,760		
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	63	39,698								
14	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	7	3,512								
15	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	87	45,215					15	8,800		
16	Liquors, malt. (See also Bottling.)	82	56,958								
17	Looking-glass and picture frames	4	2,150								

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAGINAW, MICH.—Continued.

AVERAGE NUMBER OF EMPLOYES AND TOTAL WAGES—continued.		COST OF MATERIALS USED.						VALUE OF PRODUCTS.			
Piecework—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
17	$2,235	$6,587,763	$6,264,585	$49,035	$3,321	$74,968	$195,854	$11,303,006	$10,398,482	$904,524	1
		24,552	22,554	1,213			785	91,806	47,884	43,022	2
		12,099	11,945	20			134	34,995	13,750	21,245	3
		74,285	73,260	600			425	106,800	106,800		4
		62,424	58,214	2,290			1,920	113,004	113,004		5
		98,152	95,852	225			2,075	208,814	189,327	19,487	6
		33,875	32,567	748			560	85,168	42,150	43,018	7
		121,520	118,156	364			3,000	267,478	218,548	48,930	8
		22,350	20,000				2,350	76,100	46,400	29,700	9
		13,187	13,037				150	23,589	21,189	2,400	10
		1,900	1,900					10,700	10,700		11
		405,396	380,566	5,240			19,590	478,676	392,400	86,276	12
		310,697	245,676	8,931	800	25,150	30,140	814,098	666,461	147,637	13
		5,195	4,945	50	200			22,419	18,352	4,067	14
		70,037	61,517	2,570		1,450	5,100	221,905	221,905		15
		62,655	55,530	3,625		1,200	2,300	199,192	199,092	100	16
		915	835	20	60			5,589	4,589	1,000	17
5	1,200	2,438,296	2,394,228			42,668	1,400	3,794,605	3,606,520	188,085	18
		1,155,110	1,146,210			4,500	4,400	1,636,950	1,511,950	125,000	19
		145,952	141,952	200			3,800	270,600	252,200	18,400	20
		25,336	25,200	86			50	55,135	46,385	8,750	21
		26,271	25,935	86			250	77,200	76,700	500	22
		26,530	26,530					55,019	55,019		23
		5,450	5,450					16,000	16,000		24
		30,120	29,930	190				78,800	74,700	4,100	25
		9,650	8,100	600	300		650	45,000	45,000		26
		31,058	29,233	1,260			565	143,183	143,183		27
		15,208	14,498	95			615	40,050	29,800	10,250	28
5	635	162,988	48,529	10,225			104,234	435,798	435,198	600	29
		28,580	27,610	870			100	64,428	47,775	16,653	30
1	260	35,803	31,308	35			4,460	97,477	97,477		31
		2,400	2,400					12,080	900	12,080	32
6	140	1,129,172	1,110,918	9,492	1,961		6,801	1,719,448	1,647,124	72,324	33

ST. JOSEPH, MO.—Continued.

16	1,950	7,848,353	7,482,910	130,920	8,885	5,072	220,557	11,916,141	11,456,201	459,940	1
		7,037	6,330	587	120			94,450	33,050	1,400	2
		4,830	4,780				50	14,650	8,550	6,100	3
		120,455	117,700	2,755				179,250	179,250		4
10	1,020	48,642		45,402			3,240	229,813	229,813		5
		101,200	101,200					208,300	207,300	1,000	6
		48,944	46,666	1,278	350		650	127,721	85,421	42,300	7
		56,578	55,773				805	147,077	142,565	4,512	8
		737,210	714,537	2,418	255	500	19,500	1,125,870	1,125,870		9
		84,000	84,000					155,300	155,200	100	10
		68,105	67,655	450				167,774	163,274	4,500	11
		1,343,494	1,244,851	32,852		50	65,741	1,611,690	1,404,190	207,500	12
		94,725	93,000	1,500		225		167,000	164,000	3,000	13
		4,025	3,725		300			12,100	12,100		14
		75,940	71,440	2,250			2,250	205,300	200,800	4,500	15
		115,951	98,125	14,326			3,500	297,810	297,810		16
		10,112	9,912				200	21,300	20,900	400	17

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. JOSEPH, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
18	Lumber and other mill products from logs or bolts.	3	$700	$12,737	$4,600	$525	$5,800	$500	$800	$512
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	6	18,520	139,300	11,500	7,800	34,500	25,300	14,700	45,500
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	4	2,250	21,420	.....	.....	3,120	.....	1,700	16,600
21	Millinery, custom work	7	27,517	29,375	4,000	2,000	175	8,125	9,825	5,250
22	Monuments and tombstones. (See also Marble and stone work.)	3	5,187	12,060	.....	1,025	200	835	5,500	4,500
23	Painting and paper hanging	5	14,117	6,600	.....	.....	275	3,450	375	2,500
24	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	25,214	47,063	10,000	13,000	4,550	1,925	1,650	15,938
25	Photography	4	16,000	7,850	.....	.....	4,300	1,100	450	2,000
26	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	3,750	2,590	.....	.....	115	350	925	1,200
27	Plumbing and gas fitting	3	26,900	30,600	.....	.....	1,100	21,000	2,000	6,500
28	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	8	94,642	160,311	.....	.....	94,756	12,850	4,690	48,015
29	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	9	82,657	97,060	.....	.....	62,000	23,760	100	11,200
30	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	6	17,742	28,050	2,000	700	7,100	5,775	2,725	10,650
31	Saddlery and harness	8	24,707	153,145	9,000	14,000	4,485	31,810	91,300	2,550
32	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	4	10,625	46,500	6,000	9,000	12,700	5,475	12,300	1,025
33	Tobacco, cigars and cigarettes	11	29,906	22,025	.....	.....	850	7,450	4,500	9,225
34	Watch, clock, and jewelry repairing	6	14,550	2,440	.....	.....	675	340	275	1,150
35	All other industries (a)	56	334,757	2,058,657	303,120	293,218	431,391	185,600	430,952	414,370

ST. LOUIS, MO.

1	All industries (b)	6,148	29,097,245	141,872,386	14,834,325	18,754,990	25,798,268	16,696,610	23,603,087	42,185,106
2	Agricultural implements	4	120,000	686,484	56,200	40,000	146,100	96,665	102,992	244,527
3	Artificial limbs. (See also Surgical appliances.)	3	11,400	2,650	.....	.....	1,450	500	200	500
4	Awnings, tents, and sails	15	150,625	323,450	.....	.....	22,810	81,310	51,530	167,800
5	Babbitt metal and solder	5	8,600	341,400	28,000	19,000	19,800	87,500	25,600	161,500
6	Bags, paper	3	85,280	174,425	189	150	6,186	34,900	28,800	104,200
7	Baking and yeast powders	14	99,800	373,181	12,400	17,500	26,850	15,466	100,595	200,370
8	Baskets and rattan and willow ware	15	21 501	57,104	8,250	12,600	8,322	9,358	9,809	8,765
9	Bellows	3	33,000	20,225	2,250	4,000	4,650	2,675	3,150	3,500
10	Bicycle and tricycle repairing	5	12,850	4,905	.....	.....	1,150	605	2,050	1,100
11	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	219	379,975	406,121	115,302	105,080	47,249	38,673	37,659	62,158
12	Bluing	3	12,280	6,672	.....	.....	1,102	515	1,550	3,505
13	Bookbinding and blank-book making. (See also Printing and publishing.)	14	113,300	198,618	.....	.....	56,187	26,235	32,376	83,820
14	Boot and shoe uppers	5	15,720	18,950	.....	.....	2,040	6,000	2,310	8,600
15	Boots and shoes, custom work and repairing	477	632,032	273,729	50,058	82,950	29,473	18,747	33,855	58,646
16	Boots and shoes, factory product	24	839,500	3,330,527	4,200	10,000	324,446	248,584	960,029	1,783,268
17	Bottling. (See also Liquors, malt; Mineral and soda waters.)	15	95,290	163,155	7,400	7,800	10,780	39,575	32,210	65,390
18	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	8	79,780	143,195	3,000	3,000	48,800	32,235	14,510	41,650
19	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	27	196,350	496,305	66,100	56,150	123,670	109,710	27,175	113,500
20	Brass castings and brass finishing. (See also Plumbers' supplies.)	11	102,036	304,604	21,800	30,200	67,104	46,400	29,000	110,100
21	Bread and other bakery products	291	950,546	1,244,167	238,565	371,300	215,101	208,120	51,262	159,319
22	Brick and tile. (See also Clay and pottery products.)	38	232,700	2,531,128	766,700	533,422	505,130	64,036	177,716	484,124
23	Bridges	6	20,200	276,156	10,000	5,000	51,000	13,130	58,488	138,538
24	Brooms and brushes	41	139,685	166,446	34,950	19,300	16,736	55,269	20,718	19,473
25	Carpentering	407	520,310	4,364,659	275,655	367,085	153,932	214,681	2,286,132	1,067,174
26	Carpets, rag	15	20,000	3,078	295	1,300	945	331	477	630
27	Carriages and sleds, children's	3	12,500	73,919	25,000	15,000	11,510	5,500	11,400	5,500
28	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	114	680,211	2,523,448	344,625	435,960	140,298	358,846	437,085	807,134
29	Cars and general shop construction and repairs by steam railroad companies.	4	.....	518,386	121,000	97,000	194,699	98,100	7,587	.....

a Embraces agricultural implements, 1; awnings, tents, and sails, 1; baking and yeast powders, 1; bookbinding and blank-book making, 1; boot and shoe uppers, 2; boots and shoes, factory product, 2; bottling, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brooms and brushes, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; cheese and butter, urban dairy product, 1; coffee and spice, roasting and grinding, 2; coffins and burial cases, trimming and finishing, 1; confectionery, 2; cordials and sirups, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 2; engraving, wood, 1; fruits and vegetables, canning and preserving, 1; furnishing goods, men's, 2; furniture, factory product, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; hand stamps, 1; iron and steel, doors and shutters, 1; lock and gun smithing, 2; marble and stone work, 2;

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. JOSEPH, MO.—Continued.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$754	$50	$58	$15	$335	.....	$111	$185	12	$2,120	.....	.....	.....	.....	18
6,310	1,700	790	720	775	.....	200	2,125	152	98,190	7	$6,968	1	$400	19
1,680	180	.....	.....	.....	.....	500	1,000	70	45,364	.....	.....	.....	.....	20
3,958	1,995	307	256	.....	.....	150	1,250	40	20,758	8	7,640	4	1,050	21
1,260	415	85	10	.....	.....	.....	750	13	12,710	2	2,130	.....	.....	22
1,240	1,200	.....	49	.....	.....	.....	.....	21	12,012	.....	.....	.....	.....	23
29,560	1,765	95	67	1,000	.....	50	26,583	16	12,000	4	4,040	1	720	24
1,130	1,080	.....	50	.....	.....	.....	.....	4	2,392	.....	.....	.....	.....	25
300	300	.....	.....	.....	.....	.....	.....	10	5,564	.....	.....	.....	.....	26
2,391	2,220	.....	171	.....	.....	.....	.....	43	26,564	.....	.....	.....	.....	27
17,108	6,625	818	1,591	572	.....	1,750	5,752	127	71,415	15	13,672	2	500	28
25,540	5,800	293	458	615	.....	460	17,914	145	109,204	33	33,508	1	313	29
6,333	1,375	111	227	20	.....	75	4,525	63	35,841	8	6,700	.....	.....	30
3,005	1,853	179	219	4	.....	200	550	146	77,304	8	6,760	.....	.....	31
3,070	850	128	67	1,000	.....	.....	1,025	51	27,482	1	500	.....	.....	32
9,619	2,243	6,302	204	.....	.....	.....	870	67	37,532	12	9,424	.....	.....	33
1,193	1,164	.....	29	.....	.....	.....	.....	8	3,904	2	1,016	.....	.....	34
150,784	23,433	13,326	13,201	14,295	.....	21,202	65,237	1,603	734,428	172	140,516	11	5,990	35

ST. LOUIS, MO.

17,784,350	2,270,881	7,382,129	866,336	1,323,261	.....	840,333	5,051,410	94,051	53,304,030	10,090	11,114,030	1,050	485,266	1
66,221	6,055	3,700	6,255	12,670	.....	3,058	33,283	570	345,360	28	46,600	5	2,480	2
1,765	1,140	42	53	.....	.....	30	500	6	6,332	5	5,732	.....	.....	3
53,304	14,162	1,354	2,133	1,670	.....	1,200	32,785	326	118,645	48	41,926	2	1,000	4
19,832	860	1,105	618	2,350	.....	7,400	7,409	78	59,328	24	36,420	1	720	5
14,535	8,528	1,280	1,617	3,050	.....	.....	60	76	39,314	5	5,800	1	1,500	6
18,490	6,940	763	1,363	1,700	.....	684	7,040	151	78,176	43	42,644	2	1,980	7
3,293	1,990	226	367	220	.....	375	115	107	44,793	16	8,975	1	200	8
1,715	1,120	115	130	350	.....	.....	.....	17	12,732	4	3,360	.....	.....	9
1,202	1,000	53	82	.....	.....	.....	67	18	6,103	9	3,260	.....	.....	10
44,984	30,953	4,910	2,271	2,396	.....	224	4,230	743	476,085	246	182,593	1	392	11
1,004	804	60	75	15	.....	.....	50	13	6,090	4	2,540	.....	.....	12
22,453	13,589	369	3,465	975	.....	3,270	785	381	166,735	28	26,275	2	820	13
2,012	1,572	135	130	.....	.....	.....	175	39	22,524	5	3,600	.....	.....	14
63,948	56,410	2,357	1,189	1,097	.....	241	2,654	755	363,479	443	213,068	5	1,500	15
259,522	73,909	10,400	16,153	15,855	.....	23,372	119,833	2,592	1,155,635	84	113,900	1	300	16
14,395	8,222	1,451	1,287	640	.....	900	1,895	83	55,972	23	25,400	.....	.....	17
13,888	9,068	643	1,397	930	.....	.....	1,850	391	105,819	15	23,980	2	1,100	18
48,515	16,893	3,314	8,421	5,745	.....	4,336	9,806	669	330,652	46	51,428	1	1,000	19
22,328	8,103	1,143	2,652	4,240	.....	300	5,890	274	181,762	26	32,420	.....	.....	20
133,768	81,787	12,654	7,406	10,640	.....	690	20,591	1,434	796,247	342	278,574	44	14,205	21
114,367	10,340	10,177	9,458	39,385	.....	22,370	22,637	1,952	877,619	74	88,585	4	2,352	22
42,729	1,970	606	1,635	700	.....	398	37,420	489	207,116	22	29,820	.....	.....	23
19,163	11,902	1,167	1,065	674	.....	2,254	2,101	307	121,279	53	36,600	.....	.....	24
130,458	42,589	14,628	11,449	7,083	.....	14,014	40,695	3,936	3,011,377	492	511,792	1	312	25
1,844	1,702	84	45	.....	.....	.....	13	18	7,324	15	6,589	.....	.....	26
5,186	1,036	280	870	500	.....	2,000	500	77	57,052	4	3,132	.....	.....	27
161,473	46,800	12,420	19,646	8,581	.....	27,195	46,831	2,283	1,279,592	212	233,196	13	6,547	28
.....	.....	.....	.....	.....	.....	.....	.....	782	483,013	24	19,876	.....	.....	29

mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 1; models and patterns, 1; paving and paving materials, 2; pumps, not including steam pumps, 1; shirts, 1; show cases, 1; slaughtering and meat packing, wholesale, 2; steam fittings and heating apparatus, 1; surgical appliances, 1; trunks and valises, 1; vinegar and cider, 2; wood, turned and carved, 1; woolen goods, 1.

b Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in St. Louis. This industry is reported as of the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The data are included in "All other industries" in order that the operations of individual establishments may not be disclosed.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. JOSEPH, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecoworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
18	Lumber and other mill products from logs or bolts.	12	$2,120								
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	144	90,822								
20	Masonry, brick and stone. (See also Plastering and stuccework.)	70	45,364								
21	Millinery, custom work	1	436	27	$10,732						
22	Monuments and tombstones. (See also Marble and stone work.)	11	10,580								
23	Painting and paper hanging	21	12,012								
24	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	11	7,240								
25	Photography	3	1,872	1	520						
26	Plastering and stuccework. (See also Masonry, brick and stone.)	10	5,564								
27	Plumbing and gas fitting	43	26,564								
28	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	94	53,910	6	1,462	9	$1,824	1	$47		
29	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	44	36,842	5	2,013	6	828	56	35,700		
30	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	25	17,611					30	11,530		
31	Saddlery and harness	46	27,948					92	42,596		
32	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	45	26,082	2	600	3	300				
33	Tobacco, cigars and cigarettes	10	3,700	1	156			39	23,463		
34	Watch, clock, and jewelry repairing	6	2,888								
35	All other industries	1,051	485,394	237	53,449	16	1,757	88	38,302	27	$8,870

ST. LOUIS, MO.—Continued.

1	All industries	58,155	33,108,597	8,989	2,456,730	2,290	392,318	8,514	4,761,770	4,827	1,058,073
2	Agricultural implements	491	272,355			24	6,375	22	17,550		
3	Artificial limbs. (See also Surgical appliances.)	1	600								
4	Awnings, tents, and sails	68	34,272	92	18,784	2	400	16	5,389	97	16,744
5	Babbitt metal and solder	52	21,988	1	200						
6	Bags, paper	34	22,308	35	9,550	1	156				
7	Baking and yeast powders	36	16,239	69	17,157	1	156				
8	Baskets and rattan and willow ware	8	4,850			5	668	51	24,659	17	4,120
9	Bellows	7	4,372					6	5,000		
10	Bicycle and tricycle repairing	8	2,687			1	156				
11	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	467	286,013	2	624	16	2,865	11	3,598		
12	Bluing	7	3,210			2	340				
13	Bookbinding and blank-book making. (See also Printing and publishing.)	166	84,820	162	48,921	7	1,279			16	4,620
14	Boot and shoe uppers	15	10,850	14	5,630			1	780	4	1,664
15	Boots and shoes, custom work and repairing	184	92,830	5	1,407	10	1,816	101	51,326	6	1,382
16	Boots and shoes, factory product	1,163	609,755	929	259,832	123	9,916	275	156,616	17	5,316
17	Bottling. (See also Liquors, malt; Mineral and soda waters.)	54	29,202			6	1,370				
18	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	71	23,769	92	17,450	1	260	10	2,000	194	36,460
19	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	425	215,607	6	1,025	48	8,574	98	49,118	45	3,900
20	Brass castings and brass finishing. (See also Plumbers' supplies.)	246	149,176			1	156	1	10		
21	Bread and other bakery products	801	437,159	180	50,297	24	5,323	3	689	40	10,000
22	Brick and tile. (See also Clay and pottery products.)	1,603	711,394			185	34,132	82	40,885		
23	Bridges	467	267,296								
24	Brooms and brushes	120	54,681	24	3,165	39	4,920	61	20,563	2	300
25	Carpentering	3,354	2,440,690			30	6,837	59	51,746		
26	Carpets, rag	1	400			2	335				
27	Carriages and sleds, children's	57	47,380	16	6,540						
28	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	1,790	890,050	16	5,414	4	706	248	143,679		
29	Cars and general shop construction and repairs by steam railroad companies.	758	463,137								

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. JOSEPH, MO.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued. Piecework—Continued. Children. Number.	Wages.	COST OF MATERIALS USED. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	VALUE OF PRODUCTS. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$7,185	$6,440			$745		$10,660	$10,660		18
		493,210	449,010	$1,759	$1,000	300	$40,550	727,800	725,800	$2,000	19
		64,500	64,500					126,000	116,000	10,000	20
		53,149	53,149					99,700	99,700		21
		12,000	12,000					29,750	29,750		22
		15,500	15,500					33,800	33,800		23
		5,273	5,048	100	125			89,000	89,000		24
		5,800	5,800					13,900	13,900		25
		4,800	4,800					13,700	13,700		26
		54,050	54,000	50				99,000	99,000		27
		80,949	72,851	537	1,320		6,241	227,400	208,400	19,000	28
		47,471	44,038	700	1,110		1,623	215,430	214,930	500	29
		45,530	43,220	175			2,135	100,500	99,500	1,000	30
		173,050	171,900	500			650	270,250	265,450	4,800	31
		49,190	49,190					102,506	102,506		32
5	$780	21,209	18,516				2,693	64,067	64,067		33
		2,325	2,325					9,700	9,700		34
1	150	3,791,914	3,690,338	23,290	4,305	3,252	70,729	4,977,573	4,830,245	147,328	35

ST. LOUIS, MO.—Continued.

136	17,246	122,216,570	108,806,699	2,701,019	69,842	934,868	9,703,242	220,157,343	213,818,887	15,338,456	1
		387,578	244,174	6,599			136,805	1,027,455	893,245	134,210	2
		2,120	2,000		120			10,500	10,500		3
1	130	353,321	342,549	480	862	1,050	8,380	602,330	581,629	20,701	4
		966,349	962,555	3,644			150	1,120,650	1,120,350	300	5
		308,480	304,228		1,752		2,500	431,228	431,228		6
		201,408	185,363	1,325	120		14,600	403,772	402,272	1,500	7
9	1,330	49,582	47,080	238		120	2,135	117,891	116,579	1,312	8
		19,375	18,850	200		25	300	47,000	45,500	1,500	9
		2,900	2,900					11,100	9,600	1,500	10
		224,572	204,401	13,152		167	6,852	898,177	437,022	461,155	11
		6,537	6,415	110			12	28,400	28,400		12
		108,028	90,591	1,458	1,879		14,100	336,227	312,627	23,600	13
		35,278	35,128		150			63,800	63,800		14
1	150	161,307	152,185	981	102	82	7,957	675,732	257,833	417,899	15
		2,114,017	1,999,006	40,031	6,163		68,817	4,250,960	3,849,960	401,000	16
		151,853	145,665	526		360	5,302	277,006	277,006		17
6	860	368,163	359,080	1,583			7,500	624,520	624,520		18
		595,981	577,410	4,635	1,044	3,685	9,207	1,172,859	1,169,543	3,816	19
		332,988	327,701	4,187	400	600	10	643,486	523,186	120,300	20
		2,173,432	1,974,253	52,969		75	146,135	3,597,392	3,503,227	94,165	21
4	271	380,103		217,042			163,061	1,731,692	1,703,692	28,000	22
		500,300	442,500	7,300		50,000	500	1,019,519	1,019,519		23
8	1,050	146,676	136,896	61	1,691	2	8,026	343,305	332,490	10,815	24
		5,795,439	4,772,417	4,519	1,240		1,017,263	10,364,922	9,455,865	909,057	25
		6,514	6,459	6	24		25	15,682	15,682		26
		61,445	50,500	945			10,000	161,180	155,500	5,680	27
		1,778,720	1,621,943	22,222	480	16	134,059	3,603,735	3,056,927	546,808	28
		426,399	406,368	10,565		9,466		909,412	630,807	278,605	29

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
30	Cars and general shop construction and repairs by street railroad companies.	14	$3,200	$121,850	$50,500	$46,000	$13,450	$9,400	$2,500	.....
31	Cars, steam railroad, not including operations of railroad companies.	3	.....	1,011,927	80,369	99,932	58,942	93,043	19,946	$659,695
32	Cars, street railroad, not including operations of railroad companies.	3	39,902	801,280	94,500	47,000	72,134	171,734	209,557	206,355
33	Cheese and butter, urban dairy product	6	5,100	28,124	6,500	12,000	3,561	257	2,577	3,229
34	Chemicals. (See also Fertilizers; Paints; Varnish.)	17	113,307	1,510,368	173,500	167,263	202,080	175,463	345,210	446,852
35	China, decorating	3	12,000	10,985	1,000	1,500	2,995	4,010	1,030	450
36	Clay and pottery products. (See also Brick and tile.)	13	104,749	1,092,496	215,300	219,900	243,180	17,845	187,525	208,746
37	Cleansing and polishing preparations	4	19,000	13,530	.....	.....	3,670	2,800	1,500	5,560
38	Clothing, men's, custom work and repairing	300	1,506,937	1,415,731	146,416	120,000	51,987	608,192	187,857	301,279
39	Clothing, men's, factory product	48	1,727,622	4,349,419	47,700	160,700	83,887	867,224	1,047,970	2,141,938
40	Clothing, women's, dressmaking	472	791,886	261,278	51,890	75,500	34,040	33,952	20,293	45,603
41	Clothing, women's, factory product	11	143,730	300,520	600	22,700	18,240	42,700	53,430	162,850
42	Coffee and spice, roasting and grinding	9	417,300	816,588	2,000	3,000	74,500	281,688	63,000	392,400
43	Coffins and burial cases, trimming and finishing.	27	55,300	126,703	31,150	23,170	3,565	11,900	2,733	54,185
44	Coffins, burial cases, and undertakers' goods	5	199,000	346,762	1,690	850	44,450	37,289	113,853	149,130
45	Confectionery	48	613,290	1,078,426	101,000	149,950	148,442	91,957	162,321	424,750
46	Cooperage	71	61,915	1,042,643	187,887	217,531	132,063	247,976	62,053	195,133
47	Cordage and twine	7	35,250	322,124	22,200	31,600	75,715	53,540	48,315	90,754
48	Cordials and sirups	3	9,900	3,130	.....	.....	975	600	780	775
49	Corsets	8	54,750	81,787	.....	.....	18,215	19,567	22,380	21,625
50	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	9	80,000	76,875	.....	.....	12,375	15,520	21,575	27,405
51	Dentistry, mechanical	52	146,640	43,779	625	1,500	16,802	2,424	2,729	19,699
52	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	138	383,890	227,039	40,450	64,775	16,633	34,712	39,367	31,102
53	Dyeing and cleaning	36	112,350	96,925	19,600	29,000	17,850	7,447	5,754	17,274
54	Electrical apparatus and supplies	35	260,600	700,247	13,000	22,675	177,506	19,572	72,472	395,022
55	Electric light and power	4	37,000	2,685,286	61,000	245,500	877,501	5,000	.....	1,496,285
56	Electroplating	9	42,460	40,845	2,500	2,000	18,100	3,195	2,275	12,775
57	Engraving and diesinking	14	65,650	40,730	500	400	18,570	5,120	6,340	9,300
58	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	3	16,240	59,072	.....	.....	29,447	5,310	1,300	23,015
59	Engraving, wood	14	32,550	23,077	.....	.....	8,575	1,245	3,180	10,677
60	Fancy articles, not elsewhere specified	13	42,950	31,972	3,500	3,200	7,417	7,725	1,900	8,170
61	Fertilizers. (See also Chemicals.)	4	5,000	209,058	15,159	41,890	55,786	12,300	42,511	42,012
62	Flavoring extracts	3	11,400	33,128	.....	.....	1,135	4,000	7,365	20,628
63	Flouring and grist mill products	20	207,300	4,110,954	327,200	543,000	894,100	638,545	320,850	1,387,259
64	Food preparations. (See also Fruits and vegetables, canning and preserving.)	17	172,120	304,846	15,500	13,700	48,735	31,960	38,972	155,979
65	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	103	849,439	10,184,926	1,396,494	1,232,784	1,926,466	754,952	1,228,190	3,646,040
66	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	4	100,000	339,705	.....	.....	70,000	35,250	62,750	171,705
67	Fur goods. (See also Hats and caps, not including wool hats.)	4	148,000	118,868	.....	.....	5,409	23,897	47,869	41,693
68	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	82	534,040	336,836	14,800	22,000	34,311	72,017	62,921	130,787
69	Furniture, chairs	6	58,000	819,863	113,000	171,085	104,207	119,715	157,340	154,516
70	Furniture, factory product	33	498,200	1,951,512	201,235	265,900	184,335	361,349	376,669	562,024
71	Glass	5	.....	2,201,353	164,159	858,000	619,000	94,950	211,519	253,725
72	Glass, cutting, staining, and ornamenting	9	74,200	78,926	3,000	5,000	14,120	17,200	18,350	21,256
73	Gloves and mittens. (See also Hosiery and knit goods.)	3	6,900	24,475	600	1,000	2,150	1,425	8,400	10,900
74	Grease and tallow. (See also Axle Grease; Soap and candles.)	10	31,000	78,325	4,500	12,550	22,900	4,255	19,420	14,700
75	Hairwork	9	76,916	64,595	.....	6,000	6,360	17,535	25,210	9,400
76	Hand stamps	5	38,360	24,070	.....	.....	11,000	5,785	1,135	6,150
77	Hats and caps, not including wool hats. (See also Fur goods.)	8	35,520	39,304	.....	.....	4,455	16,495	3,310	15,044
78	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens.)	7	34,100	33,247	.....	.....	9,507	9,080	8,372	6,288
79	Instruments, professional and scientific	8	42,460	121,050	1,050	500	31,450	2,300	51,450	34,300
80	Iron and steel	4	275,000	1,720,475	359,000	200,000	380,000	213,482	411,556	156,437
81	Iron and steel, bolts, nuts, washers, and rivets	4	26,900	225,253	40,000	10,000	67,400	35,524	40,346	31,983
82	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	23	95,400	1,732,748	237,639	204,601	246,611	177,827	234,850	631,220
83	Jewelry. (See also Watch, clock, and jewelry repairing.)	10	138,560	132,200	.....	.....	32,215	11,135	62,000	26,850
84	Kindling wood	11	17,360	14,500	5,500	900	1,920	1,515	115	4,550
85	Labels and tags	4	11,500	16,875	550	900	3,025	2,325	8,715	1,300
86	Lamps and reflectors	4	21,600	135,350	.....	10,000	20,850	30,600	47,500	26,400
87	Leather goods. (See also Pocketbooks; Trunks and valises.)	3	23,000	16,253	.....	1,499	6,654	1,800	5,200	1,100
88	Leather, tanned and curried	15	62,200	682,753	63,200	65,600	54,107	57,950	219,330	222,566
89	Lime and cement	4	33,000	76,186	15,000	32,200	4,300	2,661	1,475	20,500
90	Liquors, malt. (See also Bottling.)	8	15,200	15,910,417	1,440,067	5,322,977	2,033,829	1,176,533	1,579,608	4,357,403
91	Liquors, vinous. (See also Liquors, distilled.)	7	87,000	349,040	28,600	48,000	36,600	60,650	123,100	52,090

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$10,912	$230	$1,403	$1,304	$1,910	.....	.....	$6,065	171	$131,742	4	$2,550	.....	.....	30
55,473	.....	9,770	10,752	4,200	.....	$6,000	24,751	1,406	870,101	40	40,837	2	$1,660	31
41,980	684	1,566	5,256	4,391	.....	8,066	22,017	566	371,604	15	31,000	.....	.....	32
1,050	478	65	20	484	.....	.....	3	17	10,108	8	5,400	1	200	33
102,945	8,065	10,355	12,670	17,371	.....	10,229	44,255	565	350,356	64	102,976	4	3,540	34
1,408	1,200	67	33	.....	.....	108	.....	19	7,480	3	2,600	.....	.....	35
109,290	7,285	5,542	5,314	30,468	.....	5,869	54,821	732	389,091	38	54,048	1	720	36
2,337	1,680	62	95	450	.....	.....	50	32	14,973	7	6,724	.....	.....	37
175,634	128,398	9,568	7,971	4,305	.....	2,373	23,019	2,299	1,241,975	421	370,179	21	8,417	38
321,844	99,188	12,549	24,483	4,223	.....	33,056	148,345	5,003	1,734,979	233	300,333	10	4,166	39
77,883	71,225	2,151	1,398	349	.....	52	2,706	1,447	446,881	10	10,150	460	201,379	40
18,189	12,793	1,776	1,817	1,020	.....	38	745	499	151,945	36	40,470	8	5,056	41
47,505	18,548	3,429	5,286	3,933	.....	500	15,809	224	143,432	43	61,368	1	728	42
7,929	4,660	485	304	340	.....	30	2,110	81	52,332	26	19,758	1	600	43
26,869	16,750	645	3,239	1,035	.....	.....	2,200	253	118,352	29	30,155	1	300	44
105,454	56,522	9,703	6,804	16,485	.....	7,324	8,616	1,242	514,453	110	110,156	17	9,093	45
57,243	4,584	8,310	10,913	11,303	.....	4,958	17,175	1,108	587,105	96	94,462	1	900	46
25,127	1,975	1,313	3,104	4,041	.....	10,584	4,110	215	89,457	15	24,400	1	312	47
866	682	10	24	50	.....	.....	100	5	4,470	4	3,950	.....	.....	48
14,468	4,225	402	621	450	.....	.....	8,770	224	68,113	5	6,000	9	5,534	49
9,174	6,238	630	756	530	.....	950	70	94	59,983	19	18,719	1	312	50
14,029	12,809	161	209	211	.....	.....	639	107	65,894	58	45,170	2	462	51
36,884	25,795	2,349	1,342	809	.....	533	6,056	230	103,741	115	61,900	2	450	52
14,802	9,712	825	766	1,272	.....	.....	2,227	193	99,779	42	33,995	9	3,682	53
39,420	20,979	1,294	1,922	5,700	.....	250	9,215	399	265,411	66	81,650	3	1,480	54
25,473	2,865	2,556	4,360	5,125	.....	.....	10,567	214	159,348	20	29,212	.....	.....	55
7,354	4,098	213	330	635	.....	98	1,980	97	49,165	14	13,694	.....	.....	56
10,194	6,680	240	288	221	.....	90	2,675	80	50,026	20	20,684	1	120	57
5,110	1,324	115	406	200	.....	850	2,215	37	20,707	7	7,700	.....	.....	58
4,824	3,123	69	112	152	.....	30	1,338	80	46,151	21	18,590	1	300	59
4,989	4,299	113	317	50	.....	.....	210	83	32,680	6	8,560	10	2,900	60
14,362	500	1,433	3,435	6,084	.....	2,410	500	95	49,416	7	8,800	.....	.....	61
1,567	1,140	118	119	40	.....	.....	150	11	10,358	5	7,500	.....	.....	62
348,182	31,261	22,838	59,327	75,264	.....	50,148	109,344	763	559,877	107	154,404	5	2,760	63
22,978	12,200	1,349	2,274	2,155	.....	575	4,425	240	117,222	46	46,942	3	1,250	64
893,367	63,647	51,296	55,920	94,838	.....	82,379	545,287	6,345	3,877,946	443	608,035	15	8,551	65
75,871	8,000	1,055	2,250	2,050	.....	2,200	59,716	209	110,620	22	30,520	1	416	66
24,974	14,720	174	2,760	.....	.....	646	6,674	91	41,165	17	18,200	6	3,700	67
77,468	44,289	2,422	3,650	1,735	.....	2,196	23,167	452	905,241	100	86,347	2	1,000	68
34,871	1,980	4,843	9,728	5,600	.....	4,020	8,700	815	409,683	28	39,924	3	1,436	69
150,787	53,820	12,858	27,264	10,791	.....	17,393	28,661	1,563	903,908	120	160,569	2	2,000	70
116,397	.....	5,812	14,204	12,005	.....	48,676	35,700	1,152	590,239	38	53,811	1	271	71
9,268	6,081	264	321	471	.....	265	1,866	179	73,844	18	18,634	1	200	72
1,346	748	232	186	80	.....	100	.....	53	18,836	4	3,100	.....	.....	73
8,526	3,500	508	578	1,755	.....	200	1,985	61	43,598	12	15,874	.....	.....	74
9,922	7,294	395	633	350	.....	.....	1,250	93	37,490	6	7,500	13	5,370	75
4,478	3,836	49	170	140	.....	.....	283	27	16,004	10	9,260	.....	.....	76
4,260	2,832	143	435	180	.....	100	570	101	58,238	12	17,156	.....	.....	77
3,803	2,684	111	193	105	.....	60	650	125	34,477	6	5,596	2	592	78
8,824	4,346	328	650	3,225	.....	.....	275	63	37,318	12	9,950	.....	.....	79
75,640	10,787	4,279	5,204	47,616	.....	2,757	4,997	638	326,163	12	19,343	.....	.....	80
6,490	1,500	1,811	729	2,400	.....	.....	50	175	48,767	11	10,772	1	520	81
82,019	6,250	6,586	6,346	6,005	.....	13,389	43,443	1,015	644,127	76	111,409	2	1,500	82
18,272	11,026	2,177	769	3,350	.....	.....	950	178	131,422	18	20,880	.....	.....	83
1,374	1,112	171	85	.....	.....	.....	6	34	13,350	12	5,926	.....	.....	84
1,188	525	39	90	112	.....	.....	422	17	11,100	5	5,172	.....	.....	85
8,960	1,920	448	897	2,520	.....	2,000	1,175	147	53,242	14	12,020	.....	.....	86
1,827	1,040	74	345	103	.....	215	50	27	16,036	5	5,600	.....	.....	87
25,054	4,296	2,636	6,456	3,337	.....	4,464	3,865	323	192,101	17	30,080	.....	.....	88
8,798	2,300	475	745	1,350	.....	2,128	1,800	96	40,281	13	11,120	.....	.....	89
2,936,172	700	1,810,934	77,541	325,116	.....	2,330	719,551	2,870	2,278,194	235	547,831	3	2,741	90
16,062	6,200	2,649	638	3,250	.....	1,400	1,925	72	58,042	13	22,200	3	1,150	91

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
30	Cars and general shop construction and repairs by street railroad companies.	158	$122,308					9	$6,884		
31	Cars, steam railroad, not including operations of railroad companies.	856	546,279	8	$2,825			500	278,500		
32	Cars, street railroad, not including operations of railroad companies.	544	338,028	1	416	6	$1,560				
33	Cheese and butter, urban dairy product	8	4,508								
34	Chemicals. (See also Fertilizers; Paints; Varnish.)	363	211,051	118	31,019	6	1,370			10	$400
35	China, decorating	10	3,680	6	1,200						
36	Clay and pottery products. (See also Brick and tile.)	675	329,308	1	200	10	2,019	7	3,396		
37	Cleansing and polishing preparations	15	6,679	9	1,466	1	104				
38	Clothing, men's, custom work and repairing	539	291,964	319	78,269	20	3,315	835	445,757	144	44,674
39	Clothing, men's, factory product	825	439,322	1,084	312,661	81	7,224	656	246,840	2,112	424,121
40	Clothing, women's, dressmaking	37	26,063	893	203,532	24	2,183	3	400	17	2,924
41	Clothing, women's, factory product	27	14,405	128	47,202	4	512			296	44,300
42	Coffee and spice, roasting and grinding	147	74,378	27	5,802	6	1,156				
43	Coffins and burial cases, trimming and finishing	54	31,974								
44	Coffins, burial cases, and undertakers' goods	167	61,417	17	4,922			35	20,258	4	1,300
45	Confectionery	452	238,500	515	119,540	84	10,834	25	18,065	34	7,665
46	Cooperage	638	309,389			15	3,120	358	179,234		
47	Cordage and twine	81	37,816	53	15,429	63	11,109	2	400		
48	Cordials and sirups	1	520								
49	Corsets	7	4,628	85	27,067			48	12,884	70	12,600
50	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	64	35,952	10	5,600						
51	Dentistry, mechanical	37	18,834	6	714	3	514	1	200		
52	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	100	38,788	5	1,402	8	1,201				
53	Dyeing and cleaning	88	49,621	38	8,986	6	1,010	6	2,310	4	175
54	Electrical apparatus and supplies	289	161,695	6	2,000	9	1,386	16	13,600	10	3,600
55	Electric light and power	194	130,136								
56	Electroplating	79	34,533	2	600	2	338				
57	Engraving and diesinking	54	28,400	1	150	3	612	1	60		
58	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photo-lithographing and engraving.)	23	10,550	3	1,420	3	525	1	512		
59	Engraving, wood	46	24,466	2	360	2	200	8	2,235		
60	Fancy articles, not elsewhere specified	10	6,216	29	8,172	4	632			24	6,200
61	Fertilizers. (See also Chemicals.)	87	40,382	1	234						
62	Flavoring extracts	6	2,858								
63	Flouring and grist mill products	649	402,173			2	540				
64	Food preparations. (See also Fruits and vegetables, canning and preserving.)	133	58,347	56	10,253	2	430				
65	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	4,961	2,697,038	20	5,600	46	7,761	860	550,961		
66	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	95	62,804	70	14,540	21	2,340				
67	Fur goods. (See also Hats and caps, not including wool hats.)	16	7,560	50	10,263	1	150	1	1,292		
68	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	289	198,795	16	4,538	7	964	34	12,347	4	1,250
69	Furniture, chairs	588	302,724	5	1,300	13	2,675	98	45,184	80	16,440
70	Furniture, factory product	1,049	563,026	28	8,453	89	17,711	269	151,249		
71	Glass	866	411,492			97	17,784	150	112,881		
72	Glass, cutting, staining, and ornamenting	156	54,750	4	260						
73	Gloves and mittens. (See also Hosiery and knit goods.)	18	9,276	10	3,212	1	104	2	1,200	18	1,944
74	Grease and tallow. (See also Axle grease; Soap and candles.)	49	27,724								
75	Hairwork	4	3,120	70	21,500						
76	Hand stamps	10	5,392	3	572	4	780				
77	Hats and caps, not including wool hats. (See also Fur goods.)	10	9,590	5	1,324	4	666	35	24,010	26	5,492
78	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens.)	1	264	94	23,250					22	4,775
79	Instruments, professional and scientific	49	25,868	1	500			1	1,000		
80	Iron and steel	626	306,820								
81	Iron and steel, bolts, nuts, washers, and rivets	137	36,247			26	1,228				
82	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	864	493,378	1	500	9	1,628	63	35,712		
83	Jewelry. (See also Watch, clock, and jewelry repairing.)	144	105,932	8	3,320	8	1,290				
84	Kindling wood	10	7,074			3	350				
85	Labels and tags	6	4,134	5	1,014			1	730		
86	Lamps and reflectors	118	39,822	15	1,400						
87	Leather goods. (See also Pocketbooks; Trunks and valises.)	17	10,100	5	936						
88	Leather, tanned and curried	288	151,201					18	10,730		
89	Lime and cement	83	29,161								
90	Liquors, malt. (See also Bottling.)	2,517	1,694,166			115	33,456				
91	Liquors, vinous. (See also Liquors, distilled.)	56	34,692								

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$87,658	$79,708	$2,150			$5,800	$281,741	$281,741		30
		2,327,820	2,216,381	76,135		$2,227	33,077	3,386,173	3,386,173		31
		472,062	318,987	6,175		1,900	145,000	1,063,926	1,063,926		32
		66,471	65,924	200			347	90,856	90,856		33
		1,562,497	1,468,177	30,255	$290	1,075	62,700	2,682,750	2,636,357	$46,393	34
		2,882	1,322	1,560				13,000	13,000		35
		234,939	103,604	104,230	500	500	26,105	899,855	865,776	34,079	36
		34,100	33,400	400			300	63,105	63,055	50	37
		1,239,230	1,216,122	1,283	1,282		20,543	3,075,706	2,585,128	490,578	38
2	$312	3,589,120	3,523,790	6,811	5,090	315	53,114	6,554,982	6,552,982	2,000	39
3	250	445,251	433,323	1,101	139	25	10,663	1,176,678	496,206	679,872	40
		298,852	289,000		1,100		8,752	541,894	541,500	394	41
		2,076,771	2,041,303	5,490		500	29,478	2,466,392	2,456,054	10,338	42
		94,688	92,323	15			2,350	202,207	201,557	650	43
		171,430	126,550	1,840		1,840	41,200	436,684	436,684		44
5	600	1,361,930	1,269,221	16,153		500	76,056	2,462,037	2,454,357	7,680	45
		1,033,102	955,399	11,378		5,700	60,625	1,912,779	1,858,658	54,121	46
		474,497	457,577	1,720		3,400	11,800	664,305	663,705	600	47
		17,451	17,200	121		10	120	27,680	27,680		48
		52,495	51,245	80	870		300	188,450	187,750	700	49
		28,532	27,812	255	445	20		177,555	165,725	11,830	50
		28,076	26,737	192	50		1,097	149,527	145,931	3,596	51
		117,927	113,681	801			3,445	344,913	342,643	2,270	52
		26,213	21,515	3,438			1,260	170,009	4,080	166,829	53
		238,747	224,925	3,744	2,058		8,020	674,950	631,950	43,000	54
		180,153	17,430	74,775		20,348	8,600	428,690	428,690		55
		14,010	12,026	2,154	120		310	88,788	81,888	6,900	56
		18,921	16,532	350	494	20	1,495	96,067	91,592	4,475	57
		11,602	9,244		587		1,771	47,102	47,102		58
		7,472	6,673	77	132	50	540	74,987	73,487	1,500	59
		24,095	22,075				1,120	88,624	87,440	1,184	60
		124,823	107,404	8,859		7,800	700	212,716	145,974	66,742	61
		38,239	37,739				500	61,799	61,799		62
		10,853,606	9,918,690	104,290		30,532	800,094	12,456,000	12,370,300	85,700	63
		387,769	363,085	2,347	850	14,000	7,487	662,160	628,160	34,000	64
		5,096,781	4,319,138	224,621	1,160	81,906	469,956	11,945,493	11,183,791	761,702	65
		1,038,984	952,509	1,600	100	300	84,475	1,347,651	1,347,651		66
		96,386	88,000				8,386	191,840	183,340	8,500	67
		852,669	325,261	985	180	1,306	24,937	865,705	783,502	82,203	68
		262,540	210,915	1,450		1,300	48,875	831,437	826,437	5,000	69
		1,465,219	1,428,787	10,792	410	4,820	20,410	2,961,404	2,936,754	24,650	70
		557,874	271,227	157,928			128,719	1,215,329	1,208,506	6,823	71
		76,379	74,320	1,453	100	14	492	194,859	194,659	200	72
		26,772	26,446	26		300		53,247	47,522	5,725	73
		342,822	337,410	4,697	300	50	365	425,020	399,220	25,800	74
		51,598	51,398	100			100	125,890	123,840	2,050	75
		18,816	12,616	60		6,000	140	44,400	44,400		76
		59,028	58,114	464	100		350	135,352	123,312	12,040	77
		30,524	29,750	20	684		70	81,445	81,445		78
		10,847	8,369	608	1,084		786	72,000	71,400	1,500	79
		1,114,484	560,306	542,950			11,228	1,715,627	1,715,627		80
		147,823	142,380	5,143			300	248,941	246,608	2,333	81
		880,039	852,663	18,266		5,225	3,885	2,023,526	1,997,901	25,625	82
		158,298	154,958	600	200		2,540	385,040	367,840	17,200	83
		11,090	11,090					30,140	30,140		84
		4,706	3,583	128		45	950	19,600	19,600		85
		73,916	67,416	1,300			5,200	184,582	179,022	5,560	86
		18,278	17,038	1,240				43,800	43,800		87
		1,104,737	1,087,839	8,002	170		8,726	1,502,680	1,125,080	377,600	88
		46,567	13,380	33,087	100			102,321	90,321	12,000	89
		6,289,053	2,964,439	223,832		57,692	3,043,090	16,185,560	14,310,656	1,874,904	90
		68,803	63,603	2,200			3,000	208,300	208,300		91

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
92	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	9	$83,850	$205,850	.....	.....	$116,028	$15,515	$38,458	$35,849
93	Lock and gun smithing	46	100,520	50,304	$4,020	$8,820	13,515	9,115	5,720	9,114
94	Looking-glass and picture frames	31	238,480	311,399	21,325	49,750	38,774	42,864	56,335	102,351
95	Lumber and other mill products from logs or bolts.	7	119,250	2,767,012	1,158,600	229,000	272,600	163,200	643,900	299,712
96	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	23	274,805	1,860,036	170,541	184,646	312,685	288,689	416,143	487,332
97	Malt. See also Liquors, malt.)	11	30,100	977,918	174,650	260,000	56,550	116,250	106,500	263,968
98	Mantels, slate, marble, and marbleized	4	12,000	72,460	31,000	8,000	1,210	11,300	6,950	14,000
99	Marble and stone work. (See also Monuments and tombstones.)	44	417,455	403,119	66,320	8,850	34,205	56,930	80,094	156,720
100	Masonry, brick and stone. (See also Plastering and stuccowork).	160	268,920	4,436,578	85,285	74,990	180,254	210,907	2,996,382	888,760
101	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	14	205,600	269,757	7,075	22,000	38,350	61,363	18,891	122,078
102	Millinery and lace goods. (See also Artificial feathers and flowers.)	3	21,800	22,100	.....	.....	3,200	4,500	6,400	8,000
103	Millinery, custom work	81	390,700	168,391	15,150	18,400	8,715	58,397	35,240	32,480
104	Mineral and soda waters. (See also Bottling.)	28	111,000	342,032	64,100	38,900	135,225	8,250	32,762	62,795
105	Models and patterns	10	22,700	25,864	2,000	1,000	12,725	1,524	3,575	5,040
106	Monuments and tombstones. (See also Marble and stone work.)	23	64,200	273,115	52,075	25,200	5,755	30,540	46,575	103,970
107	Musical instruments and materials, not specified.	14	41,810	22,191	1,600	2,800	3,430	942	10,084	3,335
108	Musical instruments, organs and materials	4	7,800	38,520	8,000	10,000	3,520	5,000	5,000	6,100
109	Musical instruments, pianos and materials	3	15,950	13,800	.....	.....	1,300	1,600	4,800	6,100
110	Oil, linseed	3	101,134	1,018,562	90,000	85,000	236,400	340,510	122,556	144,096
111	Oil, lubricating	8	101,200	129,605	.....	.....	14,830	18,785	10,575	85,415
112	Optical goods	5	14,900	14,875	.....	.....	3,350	1,525	4,000	5,100
113	Painting and paper hanging	331	701,560	867,194	106,510	123,025	104,606	153,153	123,401	256,499
114	Paints. (See also Chemicals; Varnish.)	15	145,420	3,583,107	536,095	562,900	687,241	125,189	723,757	947,925
115	Paper patterns	3	7,200	2,674	.....	.....	33	81	2,534	26
116	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	57	295,482	1,593,699	30,350	40,120	82,987	205,564	91,061	1,143,017
117	Paving and paving materials	15	33,008	158,141	13,900	19,850	39,418	5,975	8,315	70,683
118	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	4	35,000	36,855	.....	.....	2,200	3,400	6,700	24,555
119	Photography	47	300,450	147,784	6,200	6,400	68,338	15,693	23,077	28,076
120	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	9	75,500	482,372	20,000	30,000	48,550	51,839	100,888	231,095
121	Pipes, tobacco	5	23,000	37,870	1,250	1,500	14,900	7,270	3,150	9,800
122	Plastering and stuccowork. (See also Masonry, brick and stone.)	64	89,895	177,244	31,850	31,550	22,252	6,596	18,951	66,045
123	Plumbers' supplies. (See also Brass castings and brass finishing.)	4	80,000	1,280,486	134,000	205,000	125,470	93,127	155,744	567,145
124	Plumbing and gas fitting	124	467,410	581,067	42,110	91,200	58,620	68,985	117,147	203,005
125	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	105	1,388,822	2,816,775	76,500	59,850	1,305,557	290,823	260,364	823,681
126	Printing and publishing, music. (See also Bookbinding and blank-book making.)	4	19,500	28,750	.....	.....	26,300	300	950	1,200
127	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	104	628,530	2,364,135	226,500	320,700	651,232	108,597	81,085	976,021
128	Refrigerators	3	16,900	504,850	80,000	30,000	84,200	41,050	95,000	174,600
129	Regalia and society banners and emblems	4	18,100	14,540	.....	.....	1,825	5,370	5,200	2,145
130	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	62	323,375	804,000	160,235	50,910	83,900	100,887	90,310	318,058
131	Saddlery and harness	110	739,055	2,160,963	141,725	229,100	101,912	386,602	475,156	826,468
132	Sausage. (See also Slaughtering.)	13	32,540	41,848	15,870	13,800	5,240	1,080	693	5,165
133	Scales and balances	4	25,300	13,805	.....	.....	11,345	450	1,050	1,050
134	Sewing machine repairing	8	26,540	30,877	5,000	2,000	2,035	5,402	11,110	5,330
135	Shipbuilding	4	2,400	122,300	42,000	12,000	59,300	7,500	300	1,200
136	Shirts. (See also Furnishing goods, men's.)	25	158,580	176,935	8,000	6,000	23,935	28,500	52,449	58,051
137	Show cases	4	45,200	43,560	.....	.....	2,925	7,085	11,450	22,100
138	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	34	77,350	2,849,586	235,070	320,200	119,775	878,825	697,202	598,514
139	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	26	51,200	366,985	81,700	108,500	12,840	35,148	21,125	107,672
140	Soap and candles. (See also Grease and tallow.)	10	27,496	806,301	140,000	138,143	120,041	152,997	113,350	141,770
141	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	9	74,400	254,115	47,000	21,000	30,500	14,515	53,500	87,600
142	Stencils and brands	5	13,080	6,910	.....	.....	4,960	525	600	825
143	Sugar and molasses, refining	3	71,500	121,500	.....	.....	11,500	41,500	30,500	38,000
144	Surgical appliances. (See also Artificial limbs.)	7	37,700	28,201	2,200	11,000	2,650	2,685	7,135	2,531
145	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	132	605,350	1,132,588	83,100	86,000	193,313	224,652	195,511	350,012
146	Tobacco, chewing, smoking, and snuff	12	420,150	3,894,320	165,500	379,257	273,130	1,334,559	516,356	1,225,018
147	Tobacco, cigars and cigarettes	296	742,922	787,520	44,080	69,284	23,746	229,914	139,343	281,153
148	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	9	20,400	257,935	32,250	22,320	61,131	40,085	24,629	77,520

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$15,998	$7,914	$612	$1,734	$907	.....	$200	$4,631	225	$122,364	33	$42,092	2	$1,500	92
12,605	8,997	357	179	469	.....	.....	2,663	91	57,568	47	30,890	1	300	93
39,748	18,580	1,661	3,889	3,085	.....	4,200	8,333	315	170,876	59	49,310	3	1,000	94
150,837	5,780	7,765	14,223	10,750	.....	41,600	70,719	931	363,004	26	37,600	.....	.....	95
131,374	19,845	10,374	31,701	12,179	.....	15,795	41,480	1,587	976,052	114	120,832	3	2,420	96
40,012	2,550	6,217	7,747	8,395	.....	5,458	9,705	129	105,547	27	43,430	.....	.....	97
2,672	1,120	472	190	.....	.....	.....	890	67	48,053	12	12,590	.....	.....	98
22,555	9,354	2,507	1,223	3,686	.....	2,400	3,385	495	347,102	70	68,437	.....	.....	99
127,342	15,870	10,234	5,844	23,157	.....	14,443	57,785	4,006	3,177,469	231	271,296	2	1,248	100
33,519	17,390	1,140	3,209	2,100	.....	3,435	6,245	344	171,182	39	43,654	.....	.....	101
1,804	1,275	36	78	.....	.....	.....	416	57	18,727	5	4,700	.....	.....	102
34,175	28,832	977	880	276	.....	70	3,140	568	187,171	32	19,700	83	44,035	103
35,520	10,540	2,103	1,752	3,770	.....	1,905	15,450	285	150,850	79	64,351	5	1,935	104
2,922	1,797	61	219	362	.....	30	453	52	34,332	14	13,080	.....	.....	105
25,430	4,052	1,501	921	1,158	.....	1,790	16,008	193	121,268	33	32,450	1	400	106
3,451	2,366	85	92	210	.....	.....	698	21	10,238	16	8,806	1	156	107
2,702	780	460	213	474	.....	300	475	30	24,504	6	7,544	.....	.....	108
2,141	1,625	44	107	35	.....	180	150	18	11,606	2	1,800	.....	.....	109
58,433	2,000	4,786	13,554	15,437	.....	7,862	14,794	156	131,258	18	35,408	.....	.....	110
12,031	5,020	412	631	289	.....	90	5,589	47	49,808	22	34,345	2	956	111
1,844	1,470	188	34	.....	.....	.....	152	14	9,806	6	6,200	1	260	112
97,172	53,018	5,015	3,551	3,617	.....	1,585	30,386	2,183	1,403,759	415	367,250	3	542	113
269,976	10,080	15,848	22,016	26,295	.....	16,383	179,354	504	344,508	82	125,859	11	4,995	114
854	780	20	20	.....	.....	.....	34	5	4,400	3	3,200	1	1,000	115
376,325	26,374	2,716	4,050	2,024	.....	6,493	334,668	587	367,250	184	213,026	21	10,996	116
13,375	2,520	507	191	1,174	.....	654	8,329	239	134,507	10	12,023	.....	.....	117
34,129	3,410	237	270	62	.....	.....	30,150	60	26,555	7	8,900	.....	.....	118
46,936	30,719	1,304	1,385	1,644	.....	60	11,824	252	156,919	52	54,118	10	6,460	119
23,635	5,792	1,766	3,812	2,275	.....	4,680	5,310	332	147,394	20	34,020	2	1,300	120
3,201	1,800	106	485	175	.....	270	275	50	23,230	6	5,880	.....	.....	121
17,506	8,006	1,305	547	1,221	.....	472	5,955	335	261,665	81	74,572	.....	.....	122
101,863	7,500	2,781	5,716	14,750	.....	4,000	67,116	491	342,358	38	78,060	1	600	123
59,506	39,063	3,695	2,539	895	.....	112	13,202	1,047	701,265	177	185,961	.....	.....	124
265,034	110,825	10,373	23,866	10,872	.....	15,734	93,364	2,693	1,499,586	238	283,314	36	15,342	125
2,490	1,840	150	500	.....	.....	.....	.....	18	11,000	1	1,000	.....	.....	126
546,901	58,996	14,118	12,539	17,215	.....	4,560	439,473	2,474	1,913,220	333	436,508	54	25,530	127
17,685	1,410	1,800	4,400	2,000	.....	8,000	75	269	151,490	10	25,020	.....	.....	128
2,169	1,693	31	193	57	.....	.....	195	30	16,734	6	5,672	4	1,790	129
92,306	21,616	7,338	6,009	2,579	.....	7,299	47,465	615	398,144	117	121,720	7	3,250	130
109,431	47,712	12,881	12,872	6,448	.....	5,010	24,508	1,212	810,044	239	257,794	1	660	131
4,748	2,398	725	292	815	.....	48	470	41	24,462	12	9,326	2	1,300	132
2,882	2,430	37	40	.....	.....	25	350	26	16,730	8	4,850	.....	.....	133
2,794	1,968	100	141	100	.....	.....	485	15	8,522	6	3,490	.....	.....	134
17,817	145	1,125	547	10,000	.....	.....	6,000	352	157,849	10	10,881	.....	.....	135
20,856	14,098	1,057	1,187	955	.....	600	2,959	482	152,236	45	42,080	9	3,550	136
6,597	4,860	121	406	435	.....	.....	775	67	24,160	8	7,670	1	500	137
80,304	6,314	9,613	12,899	4,807	.....	23,848	22,823	592	400,043	93	119,920	2	350	138
18,235	4,200	2,586	1,654	690	.....	820	8,285	168	136,194	33	48,450	1	1,500	139
46,824	2,124	4,028	9,231	11,503	.....	14,132	5,806	246	136,437	44	43,119	.....	.....	140
16,027	5,230	1,028	849	1,025	.....	5,270	3,225	155	118,895	31	36,180	2	840	141
1,500	1,308	24	33	25	.....	75	35	12	7,431	5	5,200	.....	.....	142
13,335	5,800	200	735	700	.....	1,200	4,700	32	27,944	11	16,980	.....	.....	143
4,385	3,468	134	108	75	.....	.....	600	19	11,550	9	8,110	1	572	144
121,017	41,386	8,014	8,643	9,928	.....	4,267	48,779	1,166	643,236	203	186,674	3	1,420	145
4,084,125	28,313	3,428,250	31,854	48,920	.....	28,803	517,985	2,826	1,352,906	210	341,997	5	2,546	146
200,073	61,603	127,134	4,435	2,110	.....	1,519	3,272	1,232	623,633	321	213,739	12	3,522	147
22,117	2,402	922	2,174	6,303	.....	1,280	9,036	163	99,173	16	19,850	1	650	148

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
92	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	145	$68,207	42	$8,000			3	$2,655		
93	Lock and gun smithing	42	20,118			1	$260				
94	Looking-glass and picture frames	162	90,540	7	1,810	38	6,716	45	20,900	1	$600
95	Lumber and other mill products from logs or bolts.	698	263,834	40	9,170	12	1,750	122	43,250	31	7,200
96	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	1,371	821,145	2	1,000	51	9,008	46	21,647		
97	Malt. (See also Liquors, malt.)	102	62,117								
98	Mantels, slate, marble, and marbleized	55	35,463								
99	Marble and stone work. (See also Monuments and tombstones.)	387	249,665					38	29,000		
100	Masonry, brick and stone. (See also Plastering and stuccework.)	4,360	2,902,101	3	904			10	1,920		
101	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	161	64,762	20	5,866	22	3,588	98	50,812	4	2,500
102	Millinery and lace goods. (See also Artificial feathers and flowers.)	7	2,570	21	6,770	3	387			21	4,300
103	Millinery, custom work	31	9,136	366	103,492	16	2,128			40	8,680
104	Mineral and soda waters. (See also Bottling.)	179	79,562			15	2,350	7	2,652		
105	Models and patterns	36	20,887			2	365				
106	Monuments and tombstones. (See also Marble and stone work.)	157	88,037			2	381				
107	Musical instruments and materials, not specified.	3	1,146			1	130				
108	Musical instruments, organs and materials	21	15,556			3	1,404				
109	Musical instruments, pianos and materials	16	9,806								
110	Oil, linseed	138	95,850								
111	Oil, lubricating	23	14,507								
112	Optical goods	5	2,906			1	200	1	300		
113	Painting and paper hanging	1,586	958,426	5	868	35	6,906	139	69,767		
114	Paints. (See also Chemicals; Varnish.)	389	208,404	13	3,410	9	1,840				
115	Paper patterns	1	200								
116	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	170	90,962	169	43,275	22	3,511	1	200	20	4,080
117	Paving and paving materials	229	121,584								
118	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	4	1,856	49	15,799						
119	Photography	128	75,156	44	15,850	4	501	13	4,325	1	500
120	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	180	76,222	37	11,892			25	10,000	59	13,960
121	Pipes, tobacco	44	16,429	6	750	3	180				
122	Plastering and stuccework. (See also Masonry, brick and stone.)	250	185,039			1	104	3	1,950		
123	Plumbers' supplies. (See also Brass castings and brass finishing.)	383	238,866					69	23,932		
124	Plumbing and gas fitting	801	493,744			42	8,433	27	13,127		
125	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	1,680	988,714	556	156,428	83	14,408	67	28,830	33	12,550
126	Printing and publishing, music. (See also Bookbinding and blank-book making.)	16	9,400					1	600		
127	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	1,463	976,442	112	44,942	19	3,270	472	414,125	21	12,403
128	Refrigerators	190	88,600	3	780			50	31,000	16	6,000
129	Regalia and society banners and emblems	13	6,288	13	2,644	2	240			1	100
130	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	486	271,918	1	550	4	706				
131	Saddlery and harness	486	266,450	9	1,930	22	3,338	454	279,572	1	300
132	Sausage. (See also Slaughtering.)	27	13,836								
133	Scales and balances	13	10,550					4	1,200		
134	Sewing machine repairing	7	4,732	2	300						
135	Shipbuilding	192	86,968					150	60,000		
136	Shirts. (See also Furnishing goods, men's.)	36	20,130	126	32,385	2	431			263	53,516
137	Show cases	56	15,290					2	700		
138	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	451	272,047	14	3,620			6	1,600	26	2,500
139	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	132	85,744			2	500				
140	Soap and candles. (See also Grease and tallow.)	158	87,135	8	1,886	32	2,864	3	1,120	1	313
141	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	121	81,350					1	525		
142	Stencils and brands	3	1,436			2	275	2	520		
143	Sugar and molasses, refining	17	10,264	4	700						
144	Surgical appliances. (See also Artificial limbs.)	4	1,384	5	1,484						
145	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	835	429,008	10	2,500	83	14,260	32	9,374		
146	Tobacco, chewing, smoking, and snuff	1,058	511,830	887	305,672	2	365	162	64,453	469	123,403
147	Tobacco, cigars and cigarettes	293	139,081	37	9,902	52	7,937	480	238,392	20	10,075
148	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	56	34,612	1	600	9	1,864	77	40,967		

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$70,448	$61,920	$1,275	$1,290		$5,963	$244,275	$244,275		92
		25,982	24,306	548	100	$35	993	115,948	44,520	$71,428	93
		209,429	194,069	1,410	337	100	13,513	522,169	507,619	14,550	94
2	$200	875,652	831,421			44,231		1,689,831	1,055,286	634,545	95
		1,571,142	1,371,932	11,146	2,200	161,606	24,258	3,061,178	3,026,678	34,500	96
		499,992	485,730	12,567		545	1,150	725,924	701,230	24,694	97
		36,470	33,995	150			2,325	99,810	98,610	1,200	98
		581,769	579,999	1,420		350		1,186,060	1,182,960	3,100	99
		4,558,728	4,128,743	2,818	600	184,985	241,582	9,122,952	8,876,667	246,285	100
		428,070	414,841	5,240	800	2,200	4,989	737,174	729,809	7,365	101
		60,670	60,620				50	93,500	93,500		102
		235,691	234,615	145	120	70	741	553,972	533,431	20,541	103
		124,562	109,668	2,394	320	280	11,900	454,858	436,518	18,340	104
		5,968	5,061	85	354	50	418	45,334	43,517	1,817	105
		147,506	142,816	1,210		25	3,455	355,417	349,302	6,115	106
		4,359	3,768	40			551	28,715	14,075	14,640	107
		13,990	11,300	90			2,600	46,340	40,240	6,100	108
		4,848	4,298	100		250	200	23,600	15,600	8,000	109
		1,119,187	1,070,397	10,358	480	5,371	32,581	1,438,201	987,412	450,789	110
		166,106	165,306	450	100	125	125	350,170	350,170		111
		5,288	4,340				948	19,500	14,600	4,900	112
		872,276	841,812	355	45	9,754	20,310	2,841,041	2,345,131	495,910	113
		2,099,636	1,989,032	27,720		16,526	66,358	3,238,317	3,032,817	205,500	114
		3,166	2,294	100			772	11,450	11,450		115
		674,779	598,937	1,177	690	53,000	20,975	2,186,416	2,184,066	2,350	116
		219,708	217,928	1,480		100	200	421,961	421,961		117
		36,295	27,575		120		2,600	107,400	95,400	12,000	118
		82,779	77,109				5,670	384,762	372,987	11,775	119
		603,005	578,723	2,325		1,330	20,627	958,519	954,619	3,900	120
		12,445	11,740	495		110	100	49,430	49,430		121
		164,944	162,250	200		5	2,489	551,737	503,042	48,695	122
		861,000	822,128	8,672	3,200	3,500	23,500	1,465,371	1,435,371	30,000	123
		648,389	617,187	9,358		3,295	18,549	1,651,169	1,249,230	401,939	124
		1,440,742	1,360,739	14,562	9,164	1,581	54,696	3,894,990	3,009,780	885,210	125
		8,121	7,621				500	34,100	34,100		126
		1,017,505	926,082	19,401	910		71,112	4,626,360	4,626,360		127
		1,119,913	1,098,320	1,518		500	10,575	1,376,179	1,374,679	1,500	128
		3,772	3,470	90	192	20		26,750	26,750		129
		667,795	614,629	6,792	450	3,468	42,456	1,452,875	1,268,490	184,385	130
		1,348,947	1,231,180	3,084	965	125	113,593	2,803,961	2,711,282	92,679	131
		44,042	41,909	1,568	20		545	82,806	81,746	1,060	132
1	130	4,418	4,150	268				27,000	9,000	18,000	133
		5,785	4,285	70			1,430	22,007	11,800	10,207	134
		132,947	131,847				1,100	400,995	398,120	2,875	135
1	144	276,048	271,624	504	865		3,055	534,895	526,695	8,200	136
		81,410	78,400	610		100	2,300	138,600	135,100	3,500	137
		7,199,619	7,007,162	23,255	200		169,002	8,562,430	8,412,979	149,451	138
		2,665,020	2,653,615	4,255			7,150	3,485,684	3,301,350	184,334	139
		917,150	887,038	9,912		500	19,700	1,203,406	1,198,008	5,398	140
		295,618	291,253	2,565	750	300	750	514,517	507,517	7,000	141
		2,540	2,490				50	13,492	13,292	200	142
		340,650	337,500	1,525		25	1,600	453,000	453,000		143
		7,536	7,481	55				32,200	31,700	1,500	144
		1,116,247	889,090	14,151	1,074	661	211,271	2,369,540	2,201,740	167,800	145
33	2,580	7,641,668	6,705,879	43,048	3,000	14,613	875,128	14,354,165	13,479,097	875,068	146
8	985	555,863	548,926	880	29	1,256	4,772	1,558,401	1,558,226	175	147
8	630	131,352	118,594	5,575	420	5,980	783	287,532	277,344	10,188	148

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
149	Trunks and valises. (See also Leather goods)	15	$164,200	$281,730	$26,000	$26,000	$30,400	$61,965	$59,375	$77,900
150	Umbrellas and canes	9	35,050	27,505	1,700	1,100	2,710	8,510	7,885	5,600
151	Upholstery materials	4	64,500	116,325	20,600	8,000	21,200	18,925	20,100	18,500
152	Varnish. (See also Paints.)	5	13,300	89,816	5,898	2,000	5,024	12,612	17,976	46,306
153	Vinegar and cider	12	97,250	372,558	175,900	70,800	28,642	17,320	17,196	62,700
154	Watch, clock, and jewelry repairing. (See also Jewelry.)	124	282,280	128,940	17,125	19,400	25,655	8,094	27,020	31,646
155	Whips	3	250	7,315	1,500	4,375	55	110	375	900
156	Window shades	6	56,200	72,646	3,000	5,000	8,540	9,500	32,357	14,240
157	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	16	119,850	570,300	25,000	23,000	83,030	91,575	79,495	268,200
158	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	18	67,660	114,406	9,700	27,775	35,990	14,218	9,533	17,190
159	All other industries (*a*)	100	1,267,593	18,210,328	2,084,597	1,477,546	7,939,080	1,533,667	1,734,788	3,440,650

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1	All industries (*b*)	1,442	6,464,339	22,501,211	2,871,430	1,599,494	5,280,553	2,865,859	3,700,848	6,183,027
2	Awnings, tents, and sails	3	10,000	6,795	.....	.....	695	900	400	4,800
3	Baking and yeast powders	5	47,750	360,540	50,000	62,000	22,190	58,400	25,050	142,900
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	75	147,475	86,701	26,600	14,250	14,725	9,855	1,710	19,561
5	Bookbinding and blank-book making. (See also Printing and publishing.)	5	47,150	68,050	.....	.....	45,150	7,750	10,450	5,600
6	Boots and shoes, custom work and repairing	76	122,050	31,985	5,450	4,500	11,930	3,564	1,447	5,094
7	Bottling. (See also Liquors, malt; Mineral and soda waters.)	6	18,575	69,060	36,200	16,200	6,330	2,390	2,040	5,900
8	Brass castings and brass finishing. (See also Plumbers' supplies.)	3	27,500	78,350	26,500	6,000	13,000	13,850	4,000	15,000
9	Bread and other bakery products	40	209,600	294,926	35,700	27,150	60,200	19,689	41,995	110,192
10	Brick and tile. (See also Clay and pottery products.)	5	4,800	122,150	63,500	10,000	15,000	17,100	8,200	8,350
11	Brooms and brushes	7	17,700	27,570	3,500	1,400	3,575	8,450	5,890	4,755
12	Carpentering	147	62,850	661,265	109,950	40,420	45,845	66,735	175,755	222,560
13	Carpets, rag	3	1,700	275	.....	.....	210	25	40	.....
14	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	18	69,425	566,455	311,000	74,150	22,325	52,146	50,334	56,500
15	Cars and general shop construction and repairs by steam railroad companies.	4	.....	180,427	1,505	3,895	365	161,306	13,356	.....
16	Cheese and butter, urban dairy product	3	6,875	2,177	.....	.....	2,125	20	17	15
17	Clothing, men's, custom work and repairing	79	598,225	314,918	4,400	2,800	17,330	189,142	13,935	87,311
18	Clothing, men's, factory product	5	186,100	542,472	500	400	37,375	70,807	201,568	231,732
19	Clothing, women's, dressmaking	155	324,750	72,946	22,150	27,600	9,655	3,840	2,402	7,299
20	Coffee and spice, roasting and grinding	3	40,000	61,014	.....	800	9,214	24,000	4,500	22,500
21	Confectionery	15	203,470	156,480	.....	.....	29,785	16,970	42,000	67,725
22	Cooperage	5	3,125	13,325	5,000	3,050	775	3,150	650	700
23	Dentistry, mechanical	38	236,815	77,485	.....	.....	41,100	5,280	1,480	29,625
24	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	12	10,825	4,510	.....	.....	120	1,475	2,100	815
25	Dyeing and cleaning	4	7,800	18,185	10,000	1,700	3,625	1,060	.....	1,800
26	Engraving and diesinking	4	9,200	6,400	.....	.....	5,280	150	345	625
27	Fancy articles, not elsewhere specified	4	29,600	180	.....	.....	80	.....	.....	100
28	Flouring and grist mill products	3	5,100	279,941	50,000	70,000	75,000	28,780	9,375	46,786
29	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	13	60,330	563,348	153,000	46,100	95,720	60,263	46,520	161,745
30	Fur goods	10	204,317	1,285,835	.....	.....	24,185	415,950	556,500	289,200
31	Furnishing goods, men's. (See also Shirts.)	3	22,875	66,235	.....	.....	5,010	23,100	15,525	22,600
32	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	11	39,650	17,065	.....	.....	1,845	9,200	2,285	4,635
33	Furniture, factory product	5	14,000	244,865	70,000	33,500	29,300	31,565	29,500	51,000
34	Hairwork	3	22,350	750	.....	.....	100	500	50	100
35	Liquors, malt. (See also Bottling.)	9	.....	1,437,950	406,000	327,000	188,600	75,350	77,000	364,000
36	Lock and gun smithing	7	19,875	16,840	.....	.....	8,000	4,025	2,500	2,315
37	Looking-glass and picture frames	9	40,500	25,435	.....	.....	1,360	16,600	4,725	2,750
38	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	8	37,045	1,580,291	307,500	216,730	157,106	312,000	216,273	370,682
39	Marble and stone work. (See also Monuments and tombstones.)	3	13,750	46,200	.....	1,500	26,200	12,500	.....	6,000
40	Masonry, brick and stone. (See also Plastering and stuccowork.)	102	68,500	1,582,495	60,025	40,625	165,740	194,075	599,810	612,220
41	Millinery, custom work	30	301,500	114,860	13,000	9,500	600	47,600	37,470	6,690

a Embraces ammunition, 2; artificial feathers and flowers, 2; axle grease, 2; bagging, flax, hemp, and jute, 2; bags, other than paper, 2; bells, 2; billiard tables and materials, 2; bone, ivory, and lamp black, 2; boot and shoe cut stock, 1; boxes, cigar, 2; brassware, 2; calcium lights, 1; carriage and wagon materials, 2; clocks, 1; cork, cutting, 1; cotton goods, 1; cotton ties, 1; dentists' materials, 2; engravers' materials, 1; files, 2; fireworks, 1; furnishing goods, men's, 1; galvanizing, 1; gas, illuminating and heating, 1; glue, 1; hardware, 2; house furnishing goods, not elsewhere specified, 2; ice, artificial, 1; ink, printing, 1; ink, writing, 1; iron and steel, forgings, 2; iron and steel, nails and spikes, cut and wrought, including wire nails, 2; ivory and bone work, 1; japanning, 1; kaolin and other earth grinding, 2; lapidary work, 1; lard, refined, 1; leather, morocco, 1; lightning rods, 2; liquors, distilled, 2; matches, 1; mucilage and paste, 2; nets and seines, 2; oil, castor, 2; photographic materials, 2; photolithographing and engraving, 2; plated and britannia ware, 1; pocketbooks, 1; printing materials, 1; pulp from fiber, other than wood, 1; pumps, not including steam pumps, 2; rubber and elastic goods, 2; safes and vaults, 1; saws, 1; screws, machine, 1; silk and silk goods, 1; smelting and refining, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$23,180	$13,008	$2,230	$1,957	$2,600	.....	$912	$2,473	236	$160,810	38	$45,900	.....	.....	149
4,015	3,505	118	242	50	.....	.....	100	35	20,701	16	14,890	.....	.....	150
12,331	4,450	473	1,258	3,300	.....	1,600	1,250	110	68,370	10	13,290	.....	.....	151
10,892	1,230	272	618	938	.....	1,765	6,069	22	20,600	6	8,550	1	$1,000	152
17,478	6,295	1,596	1,323	1,250	.....	3,198	3,816	111	77,251	35	37,500	.....	.....	153
30,269	24,473	1,201	932	680	.....	75	2,908	259	133,359	121	71,189	6	2,833	154
62	25	8	4	.....	.....	.....	25	6	1,508	3	800	.....	.....	155
8,841	5,580	466	687	218	.....	.....	1,890	76	44,864	14	11,886	1	312	156
20,399	10,923	692	1,674	3,300	.....	720	3,090	288	158,728	48	54,664	.....	.....	157
9,432	4,157	924	1,796	1,370	.....	.....	1,185	167	107,350	25	22,340	.....	.....	158
2,443,377	100,506	1,543,300	86,837	175,916	.....	128,154	408,664	7,183	3,783,312	405	630,427	32	15,520	159

ST. PAUL, MINN.

1,740,518	484,542	226,573	95,777	58,117	$34,615	120,094	720,800	18,558	10,373,396	2,028	1,863,140	251	115,706	1
882	800	22	35	25	.....	.....	.....	24	7,502	3	1,864	.....	.....	2
13,196	3,820	1,311	1,015	450	.....	1,800	4,800	96	65,730	20	24,400	.....	.....	3
13,601	11,798	721	438	445	.....	.....	199	177	122,983	83	60,777	.....	.....	4
5,384	3,772	70	542	1,000	.....	.....	.....	90	44,782	7	6,740	.....	.....	5
10,274	9,764	122	208	50	.....	.....	130	154	75,307	74	32,738	.....	.....	6
2,683	1,300	588	405	270	.....	20	100	35	20,025	8	5,710	.....	.....	7
3,216	2,200	386	270	200	.....	160	.....	47	32,330	8	7,600	.....	.....	8
21,861	16,768	1,021	1,007	1,075	.....	80	1,910	252	131,038	52	40,500	6	2,445	9
1,890	480	730	100	400	.....	.....	180	102	26,767	10	6,140	.....	.....	10
2,232	1,416	101	231	100	.....	150	234	39	19,494	7	4,052	.....	.....	11
52,061	5,027	1,251	1,843	1,080	31,365	4,459	7,036	1,310	724,772	172	122,213	.....	.....	12
134	134	.....	.....	.....	.....	.....	.....	3	1,400	3	1,400	.....	.....	13
17,823	5,554	3,077	2,163	845	.....	5,644	540	236	107,691	36	38,380	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	280	200,796	11	8,820	1	360	15
727	550	10	10	.....	.....	.....	157	5	1,840	2	660	.....	.....	16
46,264	42,055	927	2,773	54	.....	300	155	587	396,021	91	65,222	.....	.....	17
29,037	10,700	1,303	3,179	1,755	.....	11,600	500	685	260,970	19	26,080	.....	.....	18
22,137	20,886	605	621	.....	.....	.....	25	684	217,285	11	6,895	160	69,287	19
3,685	2,500	225	510	300	.....	.....	150	29	18,142	8	8,548	.....	.....	20
19,394	17,295	544	1,324	131	.....	50	50	175	83,494	33	31,721	7	2,413	21
653	250	106	47	150	.....	.....	100	18	10,650	5	3,400	.....	.....	22
15,997	15,393	153	360	.....	.....	.....	91	74	71,882	43	48,262	1	364	23
933	757	.....	26	.....	.....	.....	150	27	12,515	14	7,710	.....	.....	24
1,400	495	402	155	200	.....	148	.....	25	14,254	6	4,350	.....	.....	25
851	786	14	51	.....	.....	.....	.....	11	5,709	4	2,950	.....	.....	26
1,860	1,776	10	74	.....	.....	.....	.....	20	8,080	1	500	6	3,500	27
8,390	400	1,000	3,040	1,000	.....	2,100	250	49	19,788	10	5,008	.....	.....	28
18,610	6,335	3,785	1,506	2,075	.....	502	4,407	366	243,984	30	36,044	1	480	29
37,709	17,367	1,433	6,529	400	.....	11,980	.....	361	224,205	66	92,546	3	2,040	30
1,682	1,372	70	140	.....	.....	.....	100	62	25,710	5	5,160	.....	.....	31
3,432	3,169	60	179	.....	.....	24	.....	38	26,623	12	10,008	.....	.....	32
14,830	1,680	1,765	3,100	1,988	.....	3,442	2,855	209	132,142	18	20,800	1	360	33
1,579	1,564	5	10	.....	.....	.....	.....	8	3,122	.....	.....	3	2,200	34
107,840	.....	125,290	6,150	11,300	.....	5,100	20,000	174	111,790	20	23,300	.....	.....	35
3,442	1,590	52	79	.....	.....	.....	1,721	22	16,024	10	7,520	.....	.....	36
3,844	3,236	208	240	35	.....	125	.....	35	21,885	10	7,580	1	387	37
57,321	4,075	4,805	9,960	3,710	.....	23,856	10,975	861	510,777	53	59,840	1	600	38
4,535	1,100	95	90	1,050	.....	.....	2,200	111	67,800	5	5,500	.....	.....	39
33,225	6,163	1,918	1,919	3,964	.....	3,151	16,110	4,407	2,234,226	134	150,637	.....	.....	40
26,456	24,105	438	943	115	.....	800	55	146	65,988	12	8,300	17	9,140	41

sporting goods, 2; springs, steel, car and carriage, 2; stamped ware, 1; stereotyping and electrotyping, 1; tar and turpentine, 1; taxidermy, 2; timber products, not manufactured at mill, 1; tinfoil, 1; toys and games, 2; type founding, 2; typewriters and supplies, 2; washing machines and clothes wringers, 2; watch cases, 1; wire, 2; woodenware, not elsewhere specified, 2; zinc, 1.

b Excludes returns from manufacturers of "Timber products, not manufactured at mill" having offices in St. Paul. This industry is reported as of the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The totals of such reports obtained in St. Paul are as follows: number of establishments reporting, 3; capital, direct investment, $252,500; miscellaneous expenses, $5,983; average number of employés, 89; total wages, $47,670; cost of materials used, $127,570; value of products, $184,705.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. LOUIS, MO.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
149	Trunks and valises. (See also Leather goods.)	98	$53,358			2	$312	98	$61,240		
150	Umbrellas and canes	7	3,130	10	$2,424	2	257				
151	Upholstery materials	38	31,316	17	6,500			27	13,640		
152	Varnish. (See also Paints.)	15	11,050								
153	Vinegar and cider	65	37,447	2	460			9	1,824		
154	Watch, clock, and jewelry repairing. (See also Jewelry.)	96	47,983	1	100	8	1,209	27	10,045		
155	Whips	1	208							2	$500
156	Window shades	59	32,154	2	512						
157	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	178	91,484	3	936	11	2,324	8	5,720	40	3,600
158	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	134	83,710			8	1,300				
159	All other industries	4,445	2,286,657	866	211,271	322	58,804	647	447,406	435	129,227

ST. PAUL, MINN.—Continued.

1	All industries	12,721	6,845,751	1,789	573,930	176	28,635	1,044	768,254	543	176,072
2	Awnings, tents, and sails	7	2,960	14	2,678						
3	Baking and yeast powders	52	34,450	20	6,280	4	600				
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	94	62,206								
5	Bookbinding and blank-book making. (See also Printing and publishing.)	13	8,234	14	3,532	3	576	19	15,500	34	10,200
6	Boots and shoes, custom work and repairing	60	32,074					20	10,495		
7	Bottling. (See also Liquors, malt; Mineral and soda waters.)	27	14,315								
8	Brass castings and brass finishing. (See also Plumbers' supplies.)	39	24,730								
9	Bread and other bakery products	142	77,573	30	7,983	22	3,137				
10	Brick and tile. (See also Clay and pottery products.)	92	20,627								
11	Brooms and brushes	10	4,482			1	100	21	10,860		
12	Carpentering	1,136	600,684					2	1,875		
13	Carpets, rag										
14	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	198	128,211					2	1,100		
15	Cars and general shop construction and repairs by steam railroad companies.	267	191,316			1	300				
16	Cheese and butter, urban dairy product	3	1,180								
17	Clothing, men's, custom work and repairing	126	76,000	5	3,736	1	374	359	249,189	5	1,500
18	Clothing, men's, factory product	62	42,635	347	118,480	7	1,100			250	72,675
19	Clothing, women's, dressmaking	2	348	510	140,443					1	312
20	Coffee and spice, roasting and grinding	17	8,634	4	960						
21	Confectionery	70	34,156	54	12,672	6	1,032			5	1,500
22	Cooperage	7	4,350					6	2,900		
23	Dentistry, mechanical	26	21,756	1	500			3	1,000		
24	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	12	4,565	1	240						
25	Dyeing and cleaning	13	7,804	6	2,100						
26	Engraving and diesinking	6	2,564	1	195						
27	Fancy articles, not elsewhere specified			11	3,580					2	500
28	Flouring and grist mill products	39	14,780								
29	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	335	207,460								
30	Fur goods	69	39,848	125	37,901	3	450	40	31,200	55	20,220
31	Furnishing goods, men's. (See also Shirts.)			12	4,430			5	3,640	40	12,480
32	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	26	16,615								
33	Furniture, factory product	179	103,582	1	400			10	7,000		
34	Hairwork			5	922						
35	Liquors, malt. (See also Bottling.)	150	86,990	4	1,500						
36	Lock and gun smithing	12	8,504								
37	Looking-glass and picture frames	22	12,878					2	1,040		
38	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	805	449,837			2	500				
39	Marble and stone work. (See also Monuments and tombstones.)	106	62,300								
40	Masonry, brick and stone. (See also Plastering and stuccowork.)	4,273	2,083,589								
41	Millinery, custom work			117	48,548						

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. LOUIS, MO.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$196,612	$188,382	$300	$1,575	$600	$5,755	$501,150	$479,500	$21,650	149
.....	.....	48,234	47,534	.....	.....	.....	700	83,892	73,750	10,142	150
18	$3,624	75,825	71,025	2,000	.....	400	2,400	188,500	188,500	.....	151
.....	.....	73,278	72,506	572	.....	.....	200	134,966	134,966	.....	152
.....	.....	225,982	187,567	7,290	.....	550	30,575	450,499	449,679	820	153
.....	.....	49,339	35,978	20	120	.....	13,221	251,883	59,891	191,992	154
.....	.....	1,095	970	.....	.....	.....	125	3,925	3,800	125	155
.....	.....	55,840	53,800	.....	.....	.....	2,040	129,750	129,750	.....	156
.....	.....	255,792	240,892	2,767	1,528	3,200	7,405	501,235	463,785	37,450	157
.....	.....	155,589	146,500	2,185	120	1,260	5,524	323,365	270,790	52,575	158
31	4,000	12,287,068	11,413,646	325,030	3,082	87,518	457,792	22,000,384	20,834,709	1,165,675	159

ST. PAUL, MINN.—Continued.

12	1,908	15,867,573	15,049,746	197,277	26,159	22,017	572,374	33,035,073	31,581,984	1,453,089	1
.....	.....	11,680	11,000	40	.....	.....	640	26,000	25,600	400	2
.....	.....	230,688	224,573	1,265	1,500	.....	3,350	373,460	373,460	.....	3
.....	.....	56,538	52,148	4,051	.....	.....	339	238,882	183,782	55,100	4
.....	.....	46,135	44,615	30	980	.....	510	115,000	114,400	600	5
.....	.....	36,129	34,675	1,014	.....	.....	440	133,375	47,536	85,839	6
.....	.....	75,616	53,813	388	.....	.....	21,415	118,000	118,000	.....	7
.....	.....	116,170	107,740	5,980	.....	500	1,950	185,000	173,000	12,000	8
.....	.....	285,035	260,477	18,053	175	.....	5,730	618,674	618,674	.....	9
.....	.....	7,706	.....	7,515	.....	.....	191	41,000	41,000	.....	10
.....	.....	32,648	32,055	168	.....	.....	425	62,381	62,381	.....	11
.....	.....	1,431,380	1,408,185	988	.....	545	21,662	2,503,618	2,390,237	113,381	12
.....	.....	496	469	7	.....	.....	20	2,000	1,800	200	13
.....	.....	126,440	115,833	4,225	.....	.....	6,382	371,768	199,836	171,932	14
.....	.....	177,584	169,748	6,388	.....	1,448	.....	379,657	374,392	5,265	15
.....	.....	15,981	15,836	.....	.....	.....	145	21,729	21,414	315	16
.....	.....	300,895	294,219	2,731	.....	.....	3,945	898,773	860,719	38,054	17
.....	.....	499,560	473,338	810	1,412	.....	15,000	993,406	893,406	10,000	18
.....	.....	154,911	147,999	2,172	.....	.....	4,740	454,794	441,258	13,536	19
.....	.....	137,562	129,500	882	300	180	6,700	176,500	162,500	14,000	20
.....	.....	244,957	219,299	3,628	1,930	.....	20,100	453,020	453,020	.....	21
.....	.....	7,450	7,450	.....	.....	.....	.....	19,700	18,500	1,200	22
.....	.....	30,476	29,404	1,022	.....	.....	50	188,907	187,507	1,400	23
.....	.....	7,010	6,786	29	60	.....	135	21,934	21,534	400	24
.....	.....	4,465	2,815	1,050	.....	.....	600	25,280	1,000	24,280	25
.....	.....	1,540	1,275	65	.....	.....	200	10,000	7,600	2,400	26
.....	.....	5,080	5,000	80	.....	.....	.....	16,500	15,000	1,500	27
.....	.....	285,883	269,800	4,717	.....	815	10,551	357,300	357,066	234	28
.....	.....	380,086	344,427	15,923	1,040	3,846	14,850	739,350	711,250	28,100	29
.....	.....	608,144	604,350	1,294	.....	.....	2,500	940,120	934,720	5,400	30
.....	.....	65,686	65,308	20	350	.....	8	113,400	113,400	.....	31
.....	.....	31,842	31,159	133	.....	50	500	78,411	66,642	11,769	32
.....	.....	145,924	136,583	3,108	.....	2,600	3,633	351,720	350,520	1,200	33
.....	.....	4,240	4,200	40	.....	.....	.....	9,100	8,100	1,000	34
.....	.....	227,459	187,859	25,550	.....	750	13,300	738,840	738,840	.....	35
.....	.....	10,222	9,330	92	.....	.....	800	31,200	22,700	8,500	36
.....	.....	31,809	31,321	263	150	20	145	63,075	61,800	1,275	37
.....	.....	889,549	881,616	2,960	.....	2,773	2,200	1,727,566	1,675,466	52,100	38
.....	.....	99,200	98,500	350	.....	50	300	177,000	177,000	.....	39
.....	.....	2,700,456	2,616,990	6,064	.....	5,150	72,252	5,609,202	5,534,282	74,920	40
.....	.....	150,751	148,850	981	.....	.....	920	328,130	324,480	3,650	41

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. PAUL, MINN.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
42	Mineral and soda waters. (See also Bottling.)	4	$3,450	$58,575	$22,200	$11,600	$13,500	$1,800	$775	$8,600
43	Monuments and tombstones. (See also Marble and stone work.)	5	6,100	13,825	2,000	3,100	1,375	4,300	1,600	1,450
44	Painting and paper hanging	62	132,975	261,346	23,250	17,350	20,810	42,869	71,970	85,097
45	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	6	27,225	31,385	.....	.....	1,600	9,125	9,110	11,550
46	Paving and paving materials	6	9,700	127,500	15,000	5,000	13,900	8,600	58,000	27,000
47	Photography	20	172,300	84,454	10,000	24,500	36,250	5,194	3,780	4,730
48	Plastering and stuccowork. (See also Masonry, brick and stone.)	40	5,100	32,590	3,000	3,500	5,585	1,005	2,400	17,100
49	Plumbing and gas fitting	35	229,700	364,835	1,200	2,000	29,050	88,620	101,300	142,665
50	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	30	280,935	609,961	.....	89,074	316,007	73,011	25,697	106,172
51	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	28	541,300	1,719,367	1,000	1,500	503,857	68,793	512,588	631,629
52	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	12	92,250	171,965	12,400	5,500	27,285	19,855	36,615	70,310
53	Saddlery and harness	23	229,700	329,060	2,500	3,600	26,390	50,320	78,775	167,475
54	Shipbuilding	3	1,600	4,000	1,000	900	550	550	1,000	.....
55	Shirts. (See also Furnishing goods, men's.)	4	12,200	5,110	.....	.....	1,135	1,800	950	1,225
56	Slaughtering and meat packing, wholesale. (See also Sausage.)	6	15,200	448,600	173,500	76,100	25,500	41,000	55,500	77,000
57	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	50	112,675	455,101	101,000	104,100	61,875	54,295	58,180	75,651
58	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	47	141,650	269,477	29,300	10,500	8,783	72,115	42,039	106,740
59	Trunks and valises	3	30,300	76,500	3,000	5,000	6,050	8,550	26,300	27,600
60	Watch, clock, and jewelry repairing	41	93,875	59,045	6,000	7,000	21,815	9,530	8,405	6,295
61	All other industries (a)	77	1,032,952	6,289,964	693,500	187,900	2,962,466	424,875	398,667	1,622,556

SALEM, MASS.

1	All industries	513	752,613	6,250,164	252,087	798,953	2,056,464	878,493	747,770	1,516,397
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	27	30,045	29,840	1,300	1,300	6,140	4,335	425	16,340
3	Boot and shoe cut stock	29	16,425	199,629	21,400	21,050	26,527	10,479	45,802	74,371
4	Boot and shoe findings	4	11,670	31,545	.....	.....	8,100	7,400	4,425	11,620
5	Boots and shoes, custom work and repairing	30	16,330	8,275	1,800	1,190	2,430	1,090	55	1,710
6	Boots and shoes, factory product	23	93,340	304,976	1,500	3,500	81,522	55,382	62,124	100,948
7	Bottling	6	18,475	23,069	400	500	8,900	1,575	2,265	9,429
8	Brass castings and brass finishing	3	5,530	24,200	.....	.....	5,300	3,650	2,100	13,150
9	Bread and other bakery products	20	25,250	41,910	5,050	5,950	15,600	6,130	450	8,730
10	Carpentering	44	24,585	175,177	9,350	10,550	29,884	11,125	18,720	95,548
11	Clothing, men's, custom work and repairing	19	44,760	73,765	.....	.....	3,025	37,465	2,695	30,580
12	Clothing, women's, dressmaking	41	23,035	9,599	.....	.....	4,135	1,274	778	3,412
13	Confectionery	4	20,400	5,000	.....	.....	1,800	1,750	625	825
14	Cooperage	4	3,775	2,875	.....	.....	450	1,300	150	975
15	Dentistry, mechanical	12	10,475	6,275	.....	.....	2,150	1,450	40	2,635
16	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	3	6,445	6,540	.....	.....	1,150	1,530	2,860	1,000
17	Dyeing and cleaning	3	3,000	4,700	.....	.....	2,200	400	50	2,050
18	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	11	5,910	211,514	33,000	22,000	39,450	15,690	23,319	78,055
19	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	8	12,500	8,615	.....	.....	2,275	1,975	1,465	2,000
20	Leather, morocco	5	12,000	54,970	2,800	7,450	11,700	6,445	15,600	10,975
21	Leather, tanned and curried	24	36,305	1,157,798	68,300	114,800	94,100	220,951	409,547	250,100
22	Lock and gun smithing	3	1,666	2,530	500	250	530	500	100	650
23	Looking-glass and picture frames	3	2,800	7,250	.....	500	550	1,600	1,800	2,800
24	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	3	10,833	53,700	3,000	7,000	6,000	17,500	2,500	17,700
25	Marble and stonework. (See also Monuments and tombstones.)	4	7,040	27,460	2,000	1,500	2,750	1,950	6,710	12,550
26	Masonry, brick and stone. (See also Plastering and stuccowork.)	15	5,410	37,375	2,510	1,040	7,500	1,845	2,435	22,045
27	Millinery, custom work	9	26,200	16,785	1,500	3,000	510	3,475	2,950	5,350
28	Monuments and tombstones. (See also Marble and stone work.)	3	4,635	8,750	.....	.....	1,450	1,400	3,200	2,700
29	Painting and paper hanging	35	30,810	44,080	1,800	3,150	5,965	6,860	2,155	24,150

a Embraces artificial limbs, 1; baskets and rattan and willow ware, 1; bicycle and tricycle repairing, 1; boots and shoes, factory product, 2; boxes, cigar, 2; boxes, fancy and paper, 2; boxes, wooden packing, 2; bridges, 1; carpets, wood, 1; cheese, butter, and condensed milk, factory product, 1; chemicals, 2; clay and pottery products, 2; clothing, horse, 1; electrical apparatus and supplies, 2; electroplating, 1; engraving, steel, including plate printing, 1; engraving, wood, 1; fireworks, 1; gas and lamp fixtures, 1; gas, illuminating and heating, 1; gas machines and meters, 1; glass, cutting, staining, and ornamenting, 2; grease and tallow, 1; hand stamps, 2; house furnishing goods, not elsewhere specified, 1; instruments, professional and scientific, 1; ironwork, architectural and ornamental, 2; lead, bar, pipe, and sheet, 1; lime and cement, 1; lithographing and engraving, 1; malt, 1; mantels, slate, marble, and marbleized, 1; mattresses and spring beds, 2; millinery

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. PAUL, MINN.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$2,435	$275	$310	$218	$472	.....	$150	$1,010	32	$16,085	7	$4,700	1	$750	42
651	510	33	76	.....	.....	32	.....	23	16,155	7	5,183	.....	.....	43
15,706	10,636	711	873	420	.....	190	2,876	470	302,472	88	71,328	.....	.....	44
1,968	1,905	6	10	.....	.....	.....	47	19	6,732	6	3,700	1	500	45
3,910	775	344	274	100	.....	1,000	1,417	210	90,395	10	9,800	.....	.....	46
14,086	12,060	713	573	540	.....	200	.....	80	51,263	26	24,410	1	500	47
7,144	375	35	27	25	$3,250	.....	3,432	349	157,902	40	26,635	.....	.....	48
22,543	18,374	1,294	811	440	.....	699	925	477	303,526	66	59,358	.....	.....	49
67,026	24,056	1,711	8,693	1,293	.....	1,492	29,181	600	380,308	64	63,566	2	936	50
520,326	48,717	3,934	3,324	4,870	.....	15,800	443,681	876	655,026	110	155,702	29	14,044	51
9,440	6,455	689	786	.....	.....	1,050	460	152	109,421	19	19,373	.....	.....	52
22,502	16,077	1,328	1,747	625	.....	1,500	1,225	241	161,906	56	46,654	1	600	53
131	96	20	15	.....	.....	.....	.....	5	2,500	2	1,050	.....	.....	54
1,028	960	17	51	.....	.....	.....	.....	31	13,649	5	3,020	.....	.....	55
14,067	1,200	1,520	1,639	1,600	.....	3,100	5,008	78	51,176	16	15,700	.....	.....	56
18,345	9,003	1,570	2,658	1,159	.....	405	3,550	348	165,160	57	40,244	1	900	57
60,007	9,911	37,090	1,434	50	.....	1,134	10,388	350	198,083	57	44,724	1	800	58
3,346	2,120	261	855	110	.....	.....	.....	42	23,494	9	10,000	.....	.....	59
8,275	7,508	241	426	100	.....	.....	.....	90	67,326	26	10,416	.....	.....	60
276,512	64,497	20,123	19,475	12,146	.....	17,851	142,420	2,051	1,154,104	241	238,702	6	3,100	61

SALEM, MASS.

424,772	72,929	52,942	32,363	92,031	11,940	74,916	87,651	5,798	2,446,076	575	436,065	96	36,045	1
4,146	3,305	50	59	490	.....	.....	242	57	33,381	29	19,237	.....	.....	2
5,682	1,306	728	1,385	1,833	.....	60	280	482	147,059	32	22,820	3	785	3
2,656	992	42	217	310	.....	450	645	57	15,058	7	3,043	.....	.....	4
2,110	1,715	11	11	130	.....	.....	243	39	18,885	27	12,010	.....	.....	5
26,380	7,934	1,652	4,045	3,887	.....	648	8,214	1,011	364,993	34	31,024	13	4,650	6
3,828	1,940	103	214	620	.....	.....	951	36	22,058	14	9,088	.....	.....	7
1,471	608	63	90	300	.....	.....	410	24	17,020	4	4,120	.....	.....	8
5,404	2,651	333	293	1,480	.....	.....	647	89	39,549	31	15,950	6	924	9
5,892	2,704	408	743	1,675	.....	.....	362	281	169,436	54	40,272	.....	.....	10
6,871	4,706	315	291	114	.....	.....	1,445	128	53,752	21	15,802	.....	.....	11
3,126	2,533	.....	17	185	.....	.....	391	169	43,405	.....	.....	40	17,095	12
2,534	1,836	48	78	115	.....	.....	457	14	8,627	6	5,304	4	1,196	13
459	415	3	16	25	.....	.....	.....	13	7,392	4	3,560	.....	.....	14
1,405	944	.....	21	195	.....	.....	245	19	5,453	12	4,239	.....	.....	15
770	580	15	35	25	.....	.....	115	10	3,400	3	1,400	1	100	16
542	300	55	45	55	.....	.....	87	16	8,048	4	2,964	2	728	17
15,838	650	825	937	1,405	9,600	132	2,289	151	91,057	23	20,123	.....	.....	18
1,913	1,374	35	164	120	.....	.....	220	26	15,228	4	2,808	.....	.....	19
5,366	1,180	744	1,070	1,220	.....	1,002	150	117	66,889	10	10,430	.....	.....	20
58,106	4,111	8,071	9,576	9,080	.....	25,660	1,608	686	376,164	40	51,543	.....	.....	21
252	175	8	9	45	.....	.....	15	3	2,184	3	2,184	.....	.....	22
462	336	17	24	60	.....	.....	15	10	4,724	3	1,904	1	100	23
2,662	1,300	202	385	475	.....	175	125	47	29,665	4	3,040	.....	.....	24
1,319	775	282	17	200	.....	.....	45	23	14,728	6	3,526	.....	.....	25
1,850	595	53	235	850	.....	.....	117	169	82,262	18	13,142	.....	.....	26
3,893	2,620	43	95	55	.....	.....	1,080	54	15,744	4	2,265	9	3,625	27
959	510	17	77	140	.....	15	200	14	8,905	5	3,215	.....	.....	28
4,608	3,235	81	136	922	.....	.....	234	158	77,915	41	24,740	1	208	29

and lace goods, 1; models and patterns, 1; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; optical goods, 1; paints, 2; perfumery and cosmetics, 1; photolithographing and engraving, 2; pickles, preserves, and sauces, 2; plumbers' supplies, 1; sausage, 2; sewing machine repairing, 1; show cases, 1; soap and candles, 1; stationery goods, not elsewhere specified, 1; sugar and molasses, refining, 2; taxidermy, 1; tobacco, chewing, smoking, and snuff, 2; type founding, 1; umbrellas and canes, 1; vinegar and cider, 2; window shades, 1; wirework, including wire rope and cable, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

ST. PAUL, MINN.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
42	Mineral and soda waters. (See also Bottling.)	23	$10,550			1	$85				
43	Monuments and tombstones. (See also Marble and stone work.)	16	10,972								
44	Painting and paper hanging	367	222,544					15	$8,600		
45	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	12	2,532								
46	Paving and paving materials	200	80,595								
47	Photography	39	21,239	13	$4,884					1	$180
48	Plastering and stuccowork. (See also Masonry, brick and stone.)	297	128,201					12	3,066		
49	Plumbing and gas fitting	409	243,632	1	416	1	120				
50	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	338	207,702	92	25,638	32	5,916	71	75,600	1	1,040
51	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	403	296,891	78	33,680	25	4,760	155	140,537	16	9,412
52	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	133	90,048								
53	Saddlery and harness	118	75,430	8	3,752			50	33,390	8	2,080
54	Shipbuilding	3	1,450								
55	Shirts. (See also Furnishing goods, men's.)	2	2,400	3	1,040			5	1,825	16	5,364
56	Slaughtering and meat packing, wholesale. (See also Sausage.)	62	35,476								
57	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	265	120,266			25	3,750				
58	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	75	38,039	92	14,300	24	4,263	154	94,829		
59	Trunks and valises	26	11,570	3	468			4	1,456		
60	Watch, clock, and jewelry repairing	63	47,526	1	884						
61	All other industries	1,313	706,401	276	91,788	12	1,572	89	73,152	109	38,609

SALEM, MASS.—Continued.

1	All industries	2,578	1,210,442	923	233,397	18	2,269	700	304,679	812	212,079
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	28	14,144								
3	Boot and shoe cut stock	200	64,545	15	4,340	8	1,260	13	4,295	211	49,014
4	Boot and shoe findings	13	3,289	19	1,916			18	5,910		
5	Boots and shoes, custom work and repairing	8	3,992					4	1,974		
6	Boots and shoes, factory product	92	37,129	50	15,787	2	48	443	179,721	376	96,534
7	Bottling	22	12,970								
8	Brass castings and brass finishing	20	12,900								
9	Bread and other bakery products	50	22,337	2	338						
10	Carpentering	227	129,164								
11	Clothing, men's, custom work and repairing	19	10,595	3	565	2	175	18	8,479	65	18,136
12	Clothing, women's, dressmaking			95	19,494					34	6,816
13	Confectionery	4	2,127								
14	Cooperage	8	3,382					1	450		
15	Dentistry, mechanical	4	804	1	208	1	52	1	150		
16	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	2	1,200	4	700						
17	Dyeing and cleaning	7	3,648	3	708						
18	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	128	70,934								
19	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	21	11,760					1	660		
20	Leather, morocco	99	52,409	1	350			7	3,700		
21	Leather, tanned and curried	520	248,552					126	76,269		
22	Lock and gun smithing										
23	Looking-glass and picture frames	4	2,170							2	550
24	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	43	26,625								
25	Marble and stone work. (See also Monuments and tombstones.)	17	11,202								
26	Masonry, brick and stone. (See also Plastering and stuccowork.)	151	69,120								
27	Millinery, custom work			41	9,854						
28	Monuments and tombstones. (See also Marble and stone work.)	9	5,690								
29	Painting and paper hanging	116	52,967								

BY SPECIFIED INDUSTRIES: 1890—Continued.

ST. PAUL, MINN.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued. Piecework ers—Continued. Children. Number.	Children. Wages.	COST OF MATERIALS USED. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	VALUE OF PRODUCTS. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$16,155	$13,405	$700	.....	.....	$2,050	$50,500	$50,500	.....	42
.....	.....	15,272	15,161	61	.....	.....	50	36,009	36,009	.....	43
.....	.....	208,659	204,185	829	.....	.....	3,645	643,155	618,822	$24,333	44
.....	.....	9,218	7,599	69	$50	.....	1,500	49,800	49,800	.....	45
.....	.....	113,637	112,950	187	.....	.....	500	219,650	219,150	500	46
.....	.....	23,369	21,930	1,334	.....	.....	105	131,117	130,717	400	47
.....	.....	104,208	103,304	244	.....	.....	720	313,180	299,010	14,170	48
.....	.....	580,999	573,199	1,712	648	.....	5,440	1,075,827	1,032,655	43,172	49
.....	.....	288,163	248,990	3,733	3,912	.....	31,528	883,228	806,091	77,137	50
.....	.....	301,718	265,012	3,675	5,740	.....	27,291	1,858,159	1,731,609	126,550	51
.....	.....	197,441	195,183	1,178	.....	.....	1,080	336,023	333,193	2,830	52
.....	.....	245,585	241,931	1,309	750	.....	1,595	518,720	460,280	58,440	53
.....	.....	2,765	2,640	40	.....	.....	85	6,800	6,600	200	54
.....	.....	13,542	12,900	72	120	.....	450	33,820	32,100	1,720	55
.....	.....	659,636	631,900	4,136	.....	.....	23,600	783,370	750,220	33,150	56
.....	.....	369,187	360,458	4,359	200	$500	3,670	641,332	590,702	50,630	57
7	$1,128	206,767	181,159	1,095	.....	.....	24,513	532,181	531,070	211	58
.....	.....	36,950	36,363	387	.....	.....	200	85,100	80,600	4,500	59
.....	.....	23,308	22,435	473	150	.....	250	121,250	39,180	82,070	60
5	780	2,784,461	2,520,497	47,008	6,692	2,700	207,474	5,092,080	4,898,954	193,126	61

SALEM, MASS.—Continued.

96	11,100	4,738,643	4,465,450	85,937	34,585	69,660	83,011	8,522,751	8,272,398	250,353	1
.....	.....	17,808	16,638	992	24	.....	154	66,366	60,866	5,500	2
.....	.....	244,767	230,892	3,440	1,140	175	9,120	442,859	442,774	85	3
.....	.....	48,604	47,750	267	240	20	327	79,672	79,672	.....	4
.....	.....	14,827	14,535	210	.....	.....	82	38,390	38,390	.....	5
1	100	684,871	651,850	1,600	5,776	.....	25,645	1,178,724	1,161,452	17,272	6
.....	.....	79,098	78,055	328	.....	5	710	136,806	136,806	.....	7
.....	.....	28,640	27,215	514	246	80	585	56,300	55,500	800	8
.....	.....	69,452	65,187	2,924	.....	.....	1,341	131,943	131,943	.....	9
.....	.....	220,278	217,274	977	525	230	1,272	434,277	434,277	.....	10
.....	.....	77,689	77,210	413	.....	.....	66	156,025	149,000	7,025	11
.....	.....	35,099	30,455	260	.....	.....	4,384	88,499	88,499	.....	12
.....	.....	10,691	9,091	300	.....	.....	700	24,700	24,700	.....	13
.....	.....	4,677	4,625	42	.....	.....	10	12,700	12,700	.....	14
.....	.....	2,274	2,160	99	.....	.....	15	12,185	12,185	.....	15
.....	.....	2,712	2,535	12	.....	.....	165	11,675	11,675	.....	16
.....	.....	2,090	1,465	439	50	.....	136	12,815	12,815	.....	17
.....	.....	92,361	85,048	3,224	469	1,540	2,080	249,845	245,265	4,580	18
.....	.....	7,028	7,120	180	200	25	103	28,990	28,990	.....	19
.....	.....	135,381	131,057	3,349	.....	.....	975	225,185	225,185	.....	20
.....	.....	1,279,366	1,263,668	9,626	1,620	.....	4,452	1,835,341	1,695,493	139,848	21
.....	.....	1,666	1,550	12	80	.....	24	5,300	5,300	.....	22
.....	.....	7,498	7,100	48	.....	.....	350	18,250	18,250	.....	23
.....	.....	57,820	55,360	375	1,700	335	50	98,550	98,550	.....	24
.....	.....	5,163	4,925	103	.....	.....	135	25,380	25,380	.....	25
.....	.....	54,976	54,640	189	.....	.....	147	156,363	156,363	.....	26
.....	.....	64,557	64,300	135	.....	.....	122	99,950	99,950	.....	27
.....	.....	4,598	4,300	18	100	10	170	16,630	16,630	.....	28
.....	.....	47,770	47,394	335	.....	.....	41	142,717	142,717	.....	29

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SALEM, MASS.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
30	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	3	$600	$66,305	$15,000	$25,000	$10,260	$720	$5,225	$10,100
31	Photography	8	27,166	23,100	2,000	1,800	12,700	1,500	850	4,250
32	Plumbing and gas fitting	7	10,165	23,950	.....	.....	2,275	5,850	3,000	12,825
33	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	9	28,750	68,225	150	300	50,500	3,700	4,475	9,100
34	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	4	40,625	63,750	.....	.....	47,500	2,050	200	14,000
35	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	4	1,700	15,400	1,200	300	2,100	2,700	.....	9,100
36	Saddlery and harness	8	9,571	10,475	.....	250	1,550	2,525	1,450	4,700
37	Shipbuilding	3	1,775	13,544	4,000	1,500	2,350	700	1,500	3,494
38	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	10	31,000	37,345	.....	.....	5,700	4,925	7,295	19,425
39	Tobacco, cigars and cigarettes	7	7,075	8,355	.....	.....	605	3,180	1,990	2,580
40	Watch, clock, and jewelry repairing	11	24,900	6,005	.....	.....	3,500	1,405	.....	1,100
41	All other industries (*a*)	44	58,737	3,335,508	73,527	565,073	1,545,331	422,712	106,440	622,425

SALT LAKE, UTAH.

1	All industries	175	802,361	3,354,035	483,550	402,525	715,017	676,736	306,450	769,757
2	Awnings, tents, and sails	3	23,454	15,000	.....	.....	1,000	2,900	6,900	4,200
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	17	43,386	29,157	6,000	450	5,325	6,429	1,436	9,517
4	Boots and shoes, custom work and repairing	6	10,120	2,857	.....	.....	1,200	545	460	652
5	Bread and other bakery products	6	.....	72,275	27,000	16,000	15,600	3,850	3,725	6,100
6	Brick and tile	5	87,915	54,750	7,500	1,500	16,350	500	16,900	12,000
7	Carpentering	5	2,400	22,060	7,500	1,525	725	160	150	12,000
8	Clothing, men's, custom work and repairing	7	28,364	94,350	33,000	28,000	1,850	18,200	1,900	11,400
9	Clothing, women's, dressmaking	8	18,000	2,530	1,000	200	530	50	300	450
10	Confectionery	4	44,500	69,180	4,000	2,000	12,500	7,500	21,200	21,989
11	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	7	34,000	174,688	40,000	16,000	68,335	19,872	9,350	21,131
12	Furniture, cabinetmaking, repairing and upholstering.	5	48,600	55,000	20,600	11,000	3,300	6,500	2,600	11,000
13	Hosiery and knit goods. (See also Woolen goods.)	3	3,000	22,600	700	2,000	10,800	3,100	5,000	1,000
14	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	9	20,800	481,296	27,000	23,000	50,150	174,300	11,550	195,296
15	Millinery, custom work	6	66,857	19,650	.....	1,500	.....	10,700	6,700	750
16	Mineral and soda waters	3	2,600	92,800	42,250	23,000	17,600	2,350	2,100	5,500
17	Painting and paper hanging	3	.....	10,450	.....	.....	2,200	4,000	250	4,000
18	Plumbing and gas fitting	3	.....	72,200	5,000	15,000	7,000	.....	21,400	23,800
19	Printing and publishing, book and job	7	54,055	111,806	5,000	17,000	51,000	20,550	2,050	16,206
20	Printing and publishing, newspapers and periodicals.	8	150,000	422,403	50,000	22,000	94,868	98,087	38,400	119,048
21	Saddlery and harness	6	39,555	56,200	.....	24,000	2,100	8,700	16,000	5,400
22	Salt	4	.....	42,600	16,000	3,350	2,750	20,500	.....	.....
23	Tinsmithing, coppersmithing, and sheet-iron working.	5	21,190	61,655	23,000	7,200	5,550	7,555	6,150	12,200
24	Tobacco, cigars and cigarettes	5	35,535	57,633	.....	.....	1,664	21,077	6,498	28,394
25	Trunks and valises	3	20,000	5,950	.....	500	900	1,050	3,200	300
26	All other industries (*b*)	37	48,030	1,304,936	168,000	187,300	341,720	238,261	122,231	247,424

SAN ANTONIO, TEX.

1	All industries	309	678,205	3,004,425	544,600	432,925	890,725	345,065	334,435	456,675
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	22	17,290	38,895	21,700	8,250	3,855	1,990	1,035	2,065
3	Boots and shoes, custom work and repairing	22	24,060	7,755	50	125	3,025	1,255	1,592	1,708
4	Bread and other bakery products	14	19,554	36,471	9,250	6,350	10,565	8,085	781	1,440
5	Carpentering	11	4,000	28,420	3,300	2,350	1,855	3,665	10,050	7,200
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	5	26,476	21,300	6,000	2,000	4,950	2,100	4,300	1,950

a Embraces artificial limbs, 1; awnings, tents, and sails, 1; belting and hose, leather, 2; bookbinding and blank-book making, 2; boxes, wooden packing, 1; carriages and wagons, including custom work and repairing, 2; clothing, men's, factory product, 2; corsets, 1; cotton goods, 1; electroplating, 1; fancy articles, not elsewhere specified, 1; felt goods, 1; files, 1; fish, canning and preserving, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 2; hardware, 1; ink, writing, 1; kindling wood, 1; lasts, 1; leather goods, 1; mattresses and spring beds, 1; models and patterns, 2; musical instruments, organs and materials, 1; paints, 1; paving and paving materials, 2; plastering and stuccowork, 2; printing and publishing, music, 1; sausage, 2; sewing machine repairing, 1; steam fittings and heating apparatus, 1; toys and games, 1; umbrellas and canes, 1; wood, turned and carved, 1.

BY SPECIFIED INDUSTRIES: 1890—Continued.

SALEM, MASS.—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$5,656	$48	$503	$250	$130	.....	$3,600	$1,125	20	$3,740	4	$1,240	.....	.....	30
4,179	2,445	125	144	375	.....	60	1,030	26	14,588	9	3,572	1	$260	31
1,746	1,007	78	89	190	.....	43	279	37	21,121	8	6,035	.....	.....	32
7,401	2,301	250	507	330	.....	1,240	2,773	70	25,999	9	7,234	1	728	33
10,998	3,250	420	608	1,170	.....	.....	5,550	76	38,258	7	9,600	4	1,956	34
924	170	83	86	160	.....	.....	425	18	10,570	4	3,270	.....	.....	35
1,380	1,005	18	54	80	.....	120	103	18	10,204	11	6,724	.....	.....	36
721	173	111	7	375	.....	.....	55	8	3,232	1	157	.....	.....	37
4,418	3,250	191	372	265	.....	50	290	49	25,947	11	6,958	.....	.....	38
2,511	709	1,511	49	77	.....	.....	165	16	5,859	3	1,820	1	520	39
2,938	2,245	.....	36	140	.....	.....	517	17	13,378	9	6,814	.....	.....	40
211,406	4,846	35,448	9,876	62,728	$2,340	41,661	54,507	1,540	529,299	56	45,319	9	3,170	41

SALT LAKE, UTAH.

291,255	87,466	40,539	18,920	14,199	29,500	28,711	71,920	2,287	1,499,412	279	285,860	22	8,098	1
2,870	2,580	50	140	100	.....	.....	.....	12	5,288	3	1,854	.....	.....	2
5,683	4,989	497	97	50	.....	.....	50	73	65,406	23	26,049	.....	.....	3
1,412	1,088	189	85	.....	.....	.....	50	23	12,357	8	5,166	2	655	4
7,225	4,780	922	698	500	.....	75	250	48	27,828	6	5,940	.....	.....	5
16,555	10,550	155	.....	750	4,000	1,100	.....	235	93,261	10	6,847	.....	.....	6
26,006	264	182	35	25	25,500	.....	.....	32	23,702	7	5,105	.....	.....	7
3,730	3,120	175	435	.....	.....	.....	.....	58	38,527	10	9,403	.....	.....	8
1,850	1,800	.....	50	.....	.....	.....	.....	38	9,081	.....	.....	8	2,605	9
7,189	3,540	275	774	1,250	.....	1,150	200	78	40,245	10	5,800	3	1,148	10
9,662	3,080	1,531	1,305	750	.....	1,796	1,200	143	108,016	10	10,295	.....	.....	11
7,189	4,575	1,445	1,069	100	.....	.....	.....	47	32,354	5	5,880	.....	.....	12
856	300	90	291	.....	.....	175	.....	49	13,250	2	1,500	.....	.....	13
10,438	1,975	2,458	4,345	885	.....	400	375	205	161,840	17	23,000	.....	.....	14
9,146	7,020	292	334	.....	.....	.....	1,500	33	11,548	1	780	7	2,150	15
2,371	260	467	200	500	.....	944	.....	43	21,992	7	5,972	.....	.....	16
4,417	2,240	190	187	.....	.....	.....	1,800	47	53,182	7	10,200	.....	.....	17
2,492	1,380	212	110	.....	.....	240	550	98	74,936	10	11,900	.....	.....	18
7,031	4,865	673	663	250	.....	180	400	85	59,124	17	19,324	.....	.....	19
86,049	13,460	2,611	1,123	2,345	.....	4,410	62,100	244	177,576	29	36,370	1	500	20
4,872	3,845	621	406	.....	.....	.....	.....	57	38,392	9	7,290	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	28	13,800	3	2,200	.....	.....	22
4,585	2,225	1,164	871	.....	.....	200	125	56	46,700	13	15,430	1	1,040	23
10,785	3,390	5,485	610	200	.....	.....	1,100	53	40,517	2	1,616	.....	.....	24
2,335	2,000	106	229	.....	.....	.....	.....	16	9,249	5	3,510	.....	.....	25
56,507	4,140	20,749	4,863	6,494	.....	18,041	2,220	486	321,181	65	64,489	.....	.....	26

SAN ANTONIO, TEX.

494,744	67,825	101,241	21,588	49,626	1,500	20,300	232,664	2,441	1,634,306	373	387,110	46	30,260	1
4,248	2,110	532	105	791	.....	.....	710	70	43,336	24	21,414	.....	.....	2
3,294	2,080	54	45	133	.....	.....	382	37	23,924	22	15,864	.....	.....	3
6,237	2,184	332	451	390	.....	.....	2,880	54	36,780	16	16,608	.....	.....	4
3,727	440	60	242	196	.....	257	2,532	75	53,289	12	12,424	.....	.....	5
4,453	2,980	242	206	275	.....	.....	750	37	26,588	8	8,800	.....	.....	6

b Embraces baking and yeast powders, 1; boots and shoes, factory product, 1; brooms and brushes, 1; carriages and wagons, including custom work and repairing, 1; coffins, burial cases, and undertakers' goods, 1; fancy articles, not elsewhere specified, 1; fertilizers, 1; flouring and grist mill products, 2; gas, illuminating and heating, 1; ironwork, architectural and ornamental, 1; leather, tanned and curried, 2; lime and cement, 1; liquors, malt, 1; lithographing and engraving, 1; lock and gun smithing, 1; looking-glass and picture frames, 2; marble and stone work, 1; masonry, brick and stone, 2; monuments and tombstones, 1; paper, 1; patent medicines and compounds, 1; photography, 2; plastering and stuccowork, 1; show cases, 2; slaughtering, wholesale, not including meat packing, 2; soap and candles, 2; watch, clock, and jewelry repairing, 1; wood, turned and carved, 1; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SALEM, MASS.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
30	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	16	$2,500								
31	Photography	6	2,750	7	$1,956			2	$750	1	$300
32	Plumbing and gas fitting	29	15,086								
33	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	35	12,211	14	3,817	2	$306	1	329	8	1,344
34	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	40	18,921	4	1,086	2	350	1	260	18	6,025
35	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	14	7,300								
36	Saddlery and harness	7	3,480								
37	Shipbuilding	7	3,075								
38	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	38	18,989								
39	Tobacco, cigars and cigarettes	3	882					3	962	6	1,675
40	Watch, clock, and jewelry repairing	8	6,564								
41	All other industries	503	245,029	664	172,248	1	78	61	20,770	91	31,685

SALT LAKE, UTAH—Continued.

1	All industries	1,545	1,043,991	254	72,461	85	13,462	88	70,333	14	5,207
2	Awnings, tents, and sails	4	2,060	4	1,224	1	150				
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	50	39,417								
4	Boots and shoes, custom work and repairing					1	120	12	6,416		
5	Bread and other bakery products	29	18,252	10	3,168	3	468				
6	Brick and tile	208	84,289			17	2,125				
7	Carpentering	25	18,597								
8	Clothing, men's, custom work and repairing	31	19,740	3	912	2	272	11	7,720	1	480
9	Clothing, women's, dressmaking			30	6,476						
10	Confectionery	34	23,969	22	7,876	7	872	2	640		
11	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	133	97,781								
12	Furniture, cabinetmaking, repairing and upholstering.	39	25,611	3	863						
13	Hosiery and knit goods. (See also Woolen goods.)			42	11,000	5	750				
14	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	186	138,320			2	520				
15	Millinery, custom work			24	8,468	1	150				
16	Mineral and soda waters	33	15,720			3	300				
17	Painting and paper hanging	40	42,982								
18	Plumbing and gas fitting	88	63,036								
19	Printing and publishing, book and job	43	33,618	13	4,160	12	2,022				
20	Printing and publishing, newspapers and periodicals.	129	103,531	34	10,274	22	3,953	26	22,181	3	767
21	Saddlery and harness	46	29,738			1	364	1	1,000		
22	Salt	25	11,600								
23	Tinsmithing, coppersmithing, and sheet-iron working.	37	29,380			5	850				
24	Tobacco, cigars and cigarettes	4	2,475	1	350	1	156	35	31,960	10	3,960
25	Trunks and valises	9	5,262	1	237	1	240				
26	All other industries	352	238,673	67	17,453	1	150	1	416		

SAN ANTONIO, TEX.—Continued.

1	All industries	1,807	1,116,899	132	43,548	21	3,551	62	52,938		
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	42	20,852			1	250	3	820		
3	Boots and shoes, custom work and repairing	6	3,100					9	4,960		
4	Bread and other bakery products	36	19,550	1	300	1	232				
5	Carpentering	63	40,865								
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	28	17,188					1	600		

BY SPECIFIED INDUSTRIES: 1890—Continued.

SALEM, MASS.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.		COST OF MATERIALS USED.						VALUE OF PRODUCTS.			
Piecework-ers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
.....	.....	$8,600	$6,431	$1,513	.....	$100	$556	$24,200	$24,200	.....	30
.....	.....	5,576	5,450	91	.....	.....	35	29,160	29,160	.....	31
.....	.....	32,264	31,738	91	.....	.....	435	61,000	61,000	.....	32
.....	.....	14,199	12,197	432	$952	.....	618	54,385	54,385	.....	33
.....	.....	25,036	21,036	564	450	.....	2,986	84,456	84,356	$100	34
.....	.....	19,538	19,520	3	.....	.....	15	34,950	34,950	.....	35
.....	.....	8,266	7,885	175	.....	.....	206	22,346	21,296	1,050	36
.....	.....	1,576	1,462	2	.....	.....	112	6,325	1,035	5,290	37
.....	.....	24,789	23,648	611	.....	.....	530	64,680	63,980	700	38
.....	.....	5,669	5,080	75	.....	.....	514	14,818	14,818	.....	39
.....	.....	1,581	1,380	51	.....	.....	150	21,704	.....	21,704	40
95	$11,000	1,289,788	1,126,224	51,918	21,013	67,140	23,493	2,318,290	2,271,891	46,399	41

SALT LAKE, UTAH—Continued.

.....	.....	1,966,818	1,809,572	57,038	5,055	3,393	91,760	4,624,419	4,440,967	183,452	1
.....	.....	14,885	9,390	.....	120	.....	5,375	30,800	30,200	600	2
.....	.....	23,593	21,282	1,521	.....	.....	790	117,545	84,568	32,977	3
.....	.....	5,858	5,568	15	.....	.....	275	21,300	13,970	7,330	4
.....	.....	53,937	48,544	3,448	245	.....	1,700	109,990	109,990	.....	5
.....	.....	23,817	.....	21,295	.....	.....	2,522	164,450	164,450	.....	6
.....	.....	18,884	16,084	.....	.....	.....	2,800	74,400	73,400	1,000	7
.....	.....	42,170	39,570	.....	.....	200	2,400	108,348	100,398	7,950	8
.....	.....	400	.....	.....	.....	.....	400	21,056	21,056	.....	9
.....	.....	99,346	89,376	2,370	.....	300	7,300	220,790	220,790	.....	10
.....	.....	89,897	81,891	6,931	.....	575	500	227,647	217,537	10,110	11
.....	.....	20,949	17,799	700	.....	.....	2,450	71,218	69,218	2,000	12
.....	.....	22,350	21,525	375	.....	.....	450	43,500	43,500	.....	13
.....	.....	225,941	209,750	406	1,200	1,875	12,710	515,100	508,100	7,000	14
.....	.....	33,015	28,915	.....	.....	.....	4,100	89,810	89,810	.....	15
.....	.....	23,259	11,479	1,200	.....	.....	10,580	59,480	59,480	.....	16
.....	.....	12,403	12,103	50	.....	250	.....	80,424	80,424	.....	17
.....	.....	156,410	156,000	50	360	.....	.....	270,000	270,000	.....	18
.....	.....	25,739	21,979	150	1,660	100	1,850	109,700	107,700	2,000	19
.....	.....	89,724	83,034	2,235	1,110	.....	2,445	431,805	429,805	2,000	20
.....	.....	55,756	51,256	.....	.....	.....	4,500	97,201	74,265	22,936	21
.....	.....	210	.....	210	.....	.....	.....	42,500	42,500	.....	22
.....	.....	62,572	57,364	1,690	.....	18	3,500	133,439	116,389	17,050	23
.....	.....	42,037	37,839	20	.....	.....	4,178	103,497	103,497	.....	24
.....	.....	8,200	8,200	.....	.....	.....	.....	30,400	30,400	.....	25
.....	.....	815,466	779,724	14,372	360	75	20,935	1,450,019	1,379,520	70,499	26

SAN ANTONIO, TEX.—Continued.

.....	.....	2,387,984	2,193,566	125,776	820	19,419	48,403	5,623,612	5,468,741	154,871	1
.....	.....	23,976	22,590	1,386	.....	.....	.....	89,420	83,420	6,000	2
.....	.....	13,754	13,617	30	.....	.....	107	51,435	41,035	10,400	3
.....	.....	107,497	104,087	3,360	.....	.....	50	196,286	196,286	.....	4
.....	.....	58,080	58,080	.....	.....	.....	.....	123,500	123,500	.....	5
.....	.....	28,144	23,700	844	.....	.....	3,600	65,095	19,995	45,100	6

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN ANTONIO, TEX.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
				Direct investment.						
					Value of plant.			Live assets.		
			Value of hired property.	Aggregate.	Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
7	Clothing, men's, custom work and repairing	5	$17,700	$27,383	$4,000	$2,000	$990	$15,800	$756	$3,837
8	Clothing, women's, dressmaking	23	29,335	9,129	600	1,000	2,035	840	3,842	812
9	Coffins and burial cases, trimming and finishing	3	4,620	15,150	.....	.....	110	10,550	1,040	3,450
10	Confectionery	6	35,600	141,077	50,900	13,500	23,000	22,250	2,175	29,252
11	Dyeing and cleaning	3	12,000	2,325	.....	.....	950	600	525	250
12	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	4	2,400	254,000	83,500	29,000	26,500	19,000	20,000	76,000
13	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	6	3,300	41,735	20,000	1,500	2,665	4,205	10,365	3,000
14	Ice, artificial	4	.....	227,100	67,300	29,900	116,000	300	600	13,000
15	Liquors, malt. (See also Bottling.)	4	.....	922,500	88,000	232,000	390,000	29,550	79,650	103,300
16	Lock and gun smithing	6	8,200	4,293	1,100	300	2,425	190	100	178
17	Lumber, planing mill products, including sash, doors, and blinds.	7	24,550	75,225	10,300	4,400	31,700	6,950	7,550	14,325
18	Marble and stone work. (See also Monuments and tombstones.)	3	3,500	30,550	9,200	1,250	3,400	4,000	5,050	7,050
19	Masonry, brick and stone. (See also Plastering and stuccowork.)	18	9,400	109,660	4,650	4,575	12,675	10,080	46,930	30,750
20	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	7,460	3,230	250	300	1,280	730	370	300
21	Millinery, custom work	11	35,900	10,763	.....	.....	580	6,025	3,680	478
22	Mineral and soda waters. (See also Bottling.)	5	1,700	16,140	2,400	1,700	8,875	2,050	615	500
23	Painting and paper hanging	11	12,820	22,005	4,750	2,200	1,975	5,730	2,075	5,275
24	Photography	8	41,755	21,295	.....	.....	17,350	2,550	1,135	260
25	Plumbing and gas fitting	5	19,275	50,250	.....	2,000	1,750	32,050	4,450	10,000
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	8	48,770	49,500	.....	.....	34,600	5,000	5,650	3,350
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	11	72,300	106,392	.....	.....	74,750	6,727	5,015	19,900
28	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	4,100	19,975	9,200	2,650	2,400	1,525	1,000	3,200
29	Saddlery and harness	9	83,635	181,500	7,550	3,050	5,575	48,875	66,150	50,300
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	4	3,927	24,400	11,000	2,500	3,200	4,650	1,775	1,275
31	Watch, clock, and jewelry repairing	10	23,023	28,473	1,000	500	10,000	6,820	3,728	6,425
32	All other industries (a)	52	76,555	477,534	128,600	79,525	91,690	80,023	42,451	55,245

SAN FRANCISCO, CAL.

1	All industries	4,059	30,576,810	74,834,301	7,995,535	6,613,851	20,300,815	9,251,569	13,132,718	17,530,813
2	Ammunition	3	15,250	51,446	2,000	1,000	23,200	11,047	3,299	10,900
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	6	21,225	3,632	.....	.....	1,327	745	730	830
4	Awnings, tents, and sails	12	72,825	57,925	.....	.....	6,610	16,755	7,750	26,810
5	Axle grease	3	5,250	50,550	10,000	12,000	7,300	7,950	4,800	8,500
6	Bags, other than paper	5	104,000	221,050	.....	.....	51,350	28,250	34,650	106,800
7	Baskets and rattan and willow ware	8	40,725	28,242	.....	6,000	8,297	2,093	5,220	6,632
8	Belting and hose, leather	4	84,575	126,838	8,000	5,000	23,100	14,706	31,322	44,710
9	Billiard tables and materials	4	39,100	48,780	10,000	10,000	580	3,275	19,175	5,750
10	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	114	358,000	233,722	92,500	25,075	42,660	16,051	13,266	44,170
11	Bookbinding and blank-book making. (See also Printing and publishing.)	17	130,450	147,064	.....	.....	69,675	19,149	30,780	28,360
12	Boot and shoe uppers	7	27,300	20,590	100	300	1,600	6,985	4,055	7,550
13	Boots and shoes, custom work and repairing	242	516,750	117,937	20,850	6,150	25,650	13,644	15,200	36,443
14	Boots and shoes, factory product	55	751,442	1,674,175	.....	.....	313,252	152,842	453,641	754,440
15	Boxes, cigar	6	72,550	111,150	.....	10,500	21,000	12,200	23,750	43,700
16	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	6	107,600	82,300	.....	.....	16,050	20,000	10,550	35,700
17	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	7	155,100	488,109	84,000	37,000	96,028	132,400	35,181	103,500
18	Brass castings and brass finishing. (See also Plumbers' supplies.)	9	72,250	158,406	13,750	36,200	35,100	25,523	10,090	37,743
19	Brassware	3	11,600	6,860	.....	.....	4,100	1,100	160	1,500
20	Bread and other bakery products	149	1,046,700	910,014	235,075	91,150	270,695	112,847	30,351	169,896
21	Brick and tile. (See also Clay and pottery products.)	4	8,555	427,706	50,000	126,076	77,466	40,100	32,224	51,840
22	Bridges	6	55,080	162,075	.....	.....	45,900	6,000	.....	110,175
23	Brooms and brushes	11	58,510	42,030	.....	.....	7,630	20,350	6,950	7,100
24	Carpentering	170	425,000	620,463	18,100	15,350	54,165	39,667	198,383	303,798
25	Carriage and wagon materials	9	33,150	56,347	18,550	14,000	3,525	4,792	10,850	4,630

a Embraces awnings, tents, and sails, 1; bluing, 1; bookbinding and blank-book making, 1; boot and shoe uppers, 1; bottling, 1; brick and tile, 1; brooms and brushes, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; cars and general shop construction and repairs by street railroad companies, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 1; cooperage, 1; cotton, ginning, 1; druggists' preparations, not including prescriptions, 2; engraving and diesinking, 1; fancy articles, not elsewhere specified, 2; flouring and grist mill products, 2; fur goods, 1; furnishing

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN ANTONIO, TEX.—Continued.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$2,557	$1,980	$113	$210	$17	.....	.....	$237	26	$24,128	7	$6,520	.....	.....	7
4,197	3,508	124	78	138	.....	.....	289	107	40,742	.....	.....	23	$14,584	8
753	485	86	142	10	.....	.....	30	7	6,980	3	3,360	.....	.....	9
6,336	2,848	764	500	1,270	.....	.....	945	55	35,510	10	12,144	6	3,796	10
1,695	1,440	11	24	30	.....	.....	190	11	5,042	2	1,900	1	1,000	11
7,297	275	872	300	5,350	.....	$300	200	131	92,600	16	20,820	.....	.....	12
570	362	95	64	12	.....	.....	37	18	10,102	7	3,910	.....	.....	13
11,417	.....	917	550	4,650	.....	.....	5,300	52	28,353	6	5,200	.....	.....	14
284,806	.....	89,869	11,711	23,879	.....	16,289	143,058	195	147,623	23	40,335	1	900	15
1,317	984	31	30	85	.....	.....	187	6	4,320	5	3,620	.....	.....	16
7,019	2,700	603	596	1,450	.....	.....	1,670	118	86,154	9	10,616	.....	.....	17
2,885	420	190	.....	425	.....	750	1,100	76	50,611	8	6,365	.....	.....	18
10,798	1,081	107	815	1,465	$1,500	110	5,720	302	215,772	26	36,144	.....	.....	19
1,000	746	16	25	18	.....	.....	195	11	6,692	4	2,788	.....	.....	20
4,490	4,168	55	61	48	.....	.....	158	45	21,141	1	900	13	8,300	21
4,538	170	219	205	965	.....	.....	2,979	21	13,096	7	6,800	.....	.....	22
2,671	1,346	42	108	130	.....	.....	1,045	50	40,980	11	12,244	.....	.....	23
5,198	3,776	354	306	400	.....	.....	362	21	16,244	7	8,160	.....	.....	24
3,409	2,120	200	115	100	.....	.....	865	54	40,362	8	9,744	.....	.....	25
6,672	4,380	250	442	950	.....	.....	650	72	50,546	14	11,808	1	780	26
55,526	6,546	319	406	460	.....	60	47,735	142	110,524	24	22,150	.....	.....	27
1,509	420	185	30	190	.....	.....	675	22	15,804	5	5,100	.....	.....	28
14,728	7,194	911	1,069	555	.....	474	4,525	91	62,077	20	19,645	.....	.....	29
841	432	99	35	175	.....	5	95	17	11,694	4	3,200	.....	.....	30
3,614	3,025	270	106	110	.....	10	93	29	23,736	8	7,348	.....	.....	31
26,942	6,965	3,310	2,593	4,959	.....	2,045	7,070	486	279,656	56	51,029	1	900	32

SAN FRANCISCO, CAL.

8,322,483	2,254,842	1,146,798	468,443	633,306	449,533	637,371	2,732,190	48,446	30,979,374	6,111	6,041,869	571	346,389	1
1,424	1,220	185	.....	.....	.....	.....	19	25	15,236	3	3,520	.....	.....	2
1,085	1,500	24	37	.....	.....	.....	124	12	5,743	3	1,947	2	904	3
7,315	5,825	191	425	.....	.....	144	730	78	77,176	7	5,840	.....	.....	4
1,926	420	170	515	300	.....	.....	521	19	9,030	3	3,000	.....	.....	5
18,298	7,796	1,250	2,807	3,045	.....	2,100	1,300	153	81,072	4	10,036	.....	.....	6
4,338	3,053	235	450	300	.....	.....	300	47	22,663	9	7,005	.....	.....	7
12,639	5,920	430	1,107	1,162	.....	1,588	2,432	48	34,346	5	6,790	.....	.....	8
5,976	3,120	582	1,204	200	.....	720	150	36	28,164	6	5,148	.....	.....	9
38,530	30,425	1,329	1,299	2,462	.....	685	2,330	387	287,632	122	106,603	.....	.....	10
15,562	9,840	500	1,277	580	.....	1,086	2,279	250	149,086	24	32,552	6	5,932	11
2,302	1,791	51	125	25	.....	.....	310	31	21,370	6	7,220	.....	.....	12
43,352	38,755	677	1,175	201	500	85	1,959	469	267,448	234	129,595	.....	.....	13
137,546	52,581	4,112	11,283	12,035	.....	6,974	50,561	2,423	1,228,063	188	148,300	2	1,400	14
14,043	5,800	1,708	2,060	1,100	.....	.....	3,375	161	77,757	21	13,180	.....	.....	15
10,374	7,800	415	531	191	.....	.....	1,437	137	58,312	6	7,880	.....	.....	16
57,967	13,180	2,685	7,695	5,665	.....	.....	28,742	457	303,192	26	35,360	1	500	17
20,191	5,776	1,318	1,048	1,760	.....	1,197	9,092	114	89,732	12	11,920	.....	.....	18
1,279	870	15	14	350	.....	.....	30	12	8,090	1	1,040	.....	.....	19
282,467	83,732	5,523	6,589	14,168	.....	1,720	170,735	983	701,053	184	182,294	39	16,620	20
24,062	770	1,245	777	4,300	.....	220	16,750	324	143,686	10	11,200	.....	.....	21
29,281	3,580	741	310	2,050	.....	2,000	20,600	186	120,386	19	28,940	1	260	22
6,210	4,388	337	905	80	.....	75	425	123	49,317	21	14,230	.....	.....	23
305,835	34,046	790	2,215	1,856	231,515	4,555	30,858	1,147	1,080,088	171	192,691	1	468	24
3,923	2,485	102	372	10	.....	175	770	33	25,895	9	8,063	.....	.....	25

goods, men's, 1; furs, dressed, 1; hairwork, 1; hand stamps, 1; ironwork, architectural and ornamental, 2; leather, dressed skins, 2; leather, tanned and curried, 2; lime and cement, 1; looking-glass and picture frames, 2; monuments and tombstones, 1; musical instruments and materials, not specified, 2; oil, cottonseed and cake, 1; patent medicines and compounds, 2; paving and paving materials, 2; plastering and stuccowork, 1; sewing machine repairing, 2; soap and candles, 2; tobacco, cigars and cigarettes, 1; trunks and valises, 1; wirework, including wire rope and cable, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN ANTONIO, TEX.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
7	Clothing, men's, custom work and repairing	6	$3,940	1	$300			15	$13,368		
8	Clothing, women's, dressmaking			80	25,440	4	$718				
9	Coffins and burial cases, trimming and finishing	4	3,620								
10	Confectionery	35	18,810	4	760						
11	Dyeing and cleaning	5	1,846	3	1,196						
12	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	115	71,780								
13	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	11	6,192								
14	Ice, artificial	46	23,153								
15	Liquors, malt. (See also Bottling.)	171	106,388								
16	Lock and gun smithing	1	700								
17	Lumber, planing mill products, including sash, doors, and blinds.	108	75,334			1	204				
18	Marble and stone work. (See also Monuments and tombstones.)	68	44,246								
19	Masonry, brick and stone. (See also Plastering and stucco work.)	276	179,628								
20	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	7	3,904								
21	Millinery, custom work			30	11,782	1	159				
22	Mineral and soda waters. (See also Bottling.)	13	6,080			1	156				
23	Painting and paper hanging	35	25,906					4	2,830		
24	Photography	12	7,784			2	300				
25	Plumbing and gas fitting	46	30,618								
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	45	33,056	8	1,780			4	3,122		
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	93	72,688	1	1,040	6	932	18	22,714		
28	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	16	10,560	1	144						
29	Saddlery and harness	71	42,432								
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	13	8,404								
31	Watch, clock, and jewelry repairing	21	16,388								
32	All other industries	414	221,797	3	806	4	600	8	4,524		

SAN FRANCISCO, CAL.—Continued.

1	All industries	25,599	18,149,095	4,429	1,490,428	964	185,312	6,909	3,777,662	3,755	$978,709
2	Ammunition	17	10,150	5	1,560						
3	Artificial feathers and flowers. (See also Millinery and lace goods.)			6	2,632					1	260
4	Awnings, tents, and sails	67	70,026	3	1,102	1	208				
5	Axle grease	14	5,900	2	130						
6	Bags, other than paper	63	41,786	17	7,250	17	3,600	4	2,920	42	14,230
7	Baskets and rattan and willow ware	15	8,912			5	650	15	5,646		
8	Belting and hose, leather	43	27,556								
9	Billiard tables and materials	25	20,616					5	2,400		
10	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	246	174,269			8	1,696	11	5,004		
11	Bookbinding and blank-book making. (See also Printing and publishing.)	96	72,864	111	32,358	14	2,340	8	3,040		
12	Boot and shoe uppers	12	9,480					8	4,025	5	645
13	Boots and shoes, custom work and repairing	88	55,032	7	2,964			134	77,506	5	2,091
14	Boots and shoes, factory product	1,086	532,732	73	29,160	28	5,490	729	390,665	306	119,020
15	Boxes, cigar	83	47,083	1	520	9	996	2	1,040	45	14,938
16	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	37	20,695	51	16,598	4	1,092			39	12,047
17	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	365	242,386			37	8,400	28	16,546		
18	Brass castings and brass finishing. (See also Plumbers' supplies.)	99	77,312			3	500				
19	Brassware	11	7,050								
20	Bread and other bakery products	671	468,299	79	30,240	10	3,600				
21	Brick and tile. (See also Clay and pottery products.)	314	132,486								
22	Bridges	166	91,246								
23	Brooms and brushes	24	6,808	1	300	11	1,286	66	26,693		
24	Carpentering	918	840,689			5	1,438	51	44,652	1	150
25	Carriage and wagon materials	24	17,232								

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN ANTONIO, TEX.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.		COST OF MATERIALS USED.						VALUE OF PRODUCTS.			
Piecework ers—Continued.											
Children.		Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Total.	Principal products.	All other products, including receipts from custom work and repairing.	
Number.	Wages.										
.....	.....	$20,600	$20,000	$100	.....	.....	$500	$52,400	$50,200	$2,200	7
.....	.....	99,116	98,516	.....	.....	.....	600	185,550	185,550	.....	8
.....	.....	9,200	9,200	.....	.....	.....	.....	24,000	24,000	.....	9
.....	.....	73,153	64,306	3,347	.....	.....	5,500	144,845	130,345	14,500	10
.....	.....	1,950	1,700	250	.....	.....	.....	10,900	7,700	3,200	11
.....	.....	97,145	90,125	5,700	.....	$820	500	279,055	277,555	1,500	12
.....	.....	10,460	10,010	400	.....	50	.....	26,000	22,500	3,500	13
.....	.....	26,015	.....	22,465	.....	1,100	2,450	105,875	105,875	.....	14
.....	.....	278,807	183,671	63,077	.....	14,364	17,695	903,727	899,586	4,141	15
.....	.....	1,783	1,675	108	.....	.....	.....	8,580	8,580	.....	16
.....	.....	72,575	69,860	1,930	.....	785	.....	203,500	197,500	6,000	17
.....	.....	32,780	30,080	500	.....	2,200	.....	114,000	114,000	.....	18
.....	.....	458,005	455,855	150	.....	.....	2,000	803,000	803,000	.....	19
.....	.....	13,450	13,450	.....	.....	.....	.....	24,800	24,800	.....	20
.....	.....	40,000	39,950	.....	.....	.....	50	86,200	86,200	.....	21
.....	.....	12,048	11,448	.....	.....	.....	600	41,814	41,814	.....	22
.....	.....	34,455	34,225	.....	.....	.....	230	88,950	85,450	3,500	23
.....	.....	7,985	6,965	500	.....	.....	520	36,500	36,500	.....	24
.....	.....	105,350	105,100	250	.....	.....	.....	201,300	192,500	8,800	25
.....	.....	30,387	29,507	315	$400	.....	165	98,450	98,450	.....	26
.....	.....	47,454	44,388	1,296	420	.....	1,350	299,492	299,392	100	27
.....	.....	12,405	11,700	105	.....	.....	600	37,200	34,200	3,000	28
.....	.....	140,237	133,235	.....	.....	.....	7,002	281,798	275,298	6,500	29
.....	.....	18,330	18,000	330	.....	.....	.....	45,500	45,000	500	30
.....	.....	11,003	10,995	8	.....	.....	.....	44,800	42,300	2,500	31
.....	.....	501,840	477,531	19,325	.....	100	4,884	949,640	916,210	33,430	32

SAN FRANCISCO, CAL.—Continued.

108	$9,910	78,656,470	72,249,962	1,709,392	161,296	128,012	4,347,808	135,625,754	126,635,361	8,990,393	1
.....	.....	68,278	61,431	1,699	.....	.....	5,148	102,805	102,230	575	2
.....	.....	2,328	2,300	13	.....	.....	15	12,127	12,127	.....	3
.....	.....	114,610	111,689	96	.....	.....	2,825	239,436	230,536	8,900	4
.....	.....	23,398	13,923	905	.....	.....	8,570	57,620	57,620	.....	5
6	1,250	634,419	538,739	.....	1,780	.....	93,900	763,650	639,750	123,900	6
3	450	10,321	9,778	.....	.....	.....	543	44,669	44,114	555	7
.....	.....	101,491	95,619	1,760	.....	500	3,612	170,768	167,068	3,700	8
.....	.....	15,671	14,445	146	180	.....	900	55,040	38,540	16,500	9
.....	.....	144,285	122,301	16,537	312	510	4,625	595,481	299,932	295,549	10
.....	.....	77,555	73,025	180	1,350	.....	3,000	292,249	290,015	2,234	11
.....	.....	38,418	37,468	.....	.....	.....	950	64,084	57,025	7,059	12
1	260	142,104	135,255	169	.....	.....	6,680	527,366	258,378	268,988	13
11	1,296	1,487,372	1,417,260	10,549	4,116	.....	55,447	3,315,043	3,314,243	800	14
.....	.....	80,805	30,725	480	2,000	500	38,100	195,040	195,040	.....	15
.....	.....	66,350	55,995	240	540	.....	9,575	156,950	156,950	.....	16
.....	.....	488,645	401,795	.....	.....	1,850	25,000	1,039,260	1,039,260	.....	17
.....	.....	157,298	142,304	8,502	3,188	.....	3,304	298,074	289,207	8,867	18
.....	.....	5,960	5,250	.....	120	.....	590	17,110	14,050	3,060	19
.....	.....	1,608,373	1,507,936	61,482	.....	.....	38,955	3,032,273	3,013,966	18,307	20
.....	.....	65,054	.....	45,075	50	.....	19,329	340,080	256,080	84,000	21
.....	.....	233,118	226,920	1,198	.....	.....	5,000	434,367	433,749	618	22
.....	.....	39,602	33,594	24	100	720	5,164	138,153	138,153	.....	23
.....	.....	1,144,063	1,066,024	580	1,832	25	75,602	2,924,984	2,301,709	623,275	24
.....	.....	19,542	19,017	.....	.....	.....	525	52,563	43,863	8,700	25

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN FRANCISCO, CAL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
26	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	72	$481,000	$605,942	$178,600	$63,550	$74,635	$49,678	$110,626	$128,853
27	Cars and general shop construction and repairs by street railroad companies.	10	34,450	107,414	34,439	11,588	53,996	7,391	.....	.....
28	Chemicals. (See also Fertilizers; Paints; Varnish.)	13	96,000	729,136	169,000	65,500	198,000	118,621	118,515	59,500
29	Clothing, men's, custom work and repairing	259	2,432,750	1,108,785	35,750	17,700	51,054	560,065	84,421	359,795
30	Clothing, men's, factory product	119	580,493	718,047	.....	.....	27,057	129,418	193,880	367,692
31	Clothing, women's, dressmaking	253	969,475	231,143	5,500	3,750	23,685	62,100	33,607	102,501
32	Clothing, women's, factory product	70	483,490	628,552	2,500	2,000	28,235	160,645	223,534	211,638
33	Coffee and spice, roasting and grinding	19	622,450	1,411,828	10,000	4,000	107,400	446,270	91,895	752,263
34	Confectionery	43	732,350	395,648	14,375	9,000	104,353	56,605	96,452	114,863
35	Cooperage	24	157,700	689,771	115,000	46,700	100,200	206,990	71,715	149,166
36	Cordials and sirups	6	77,000	136,516	.....	.....	8,800	16,193	53,261	58,262
37	Cork, cutting	4	18,985	11,320	1,800	600	1,200	1,410	1,260	5,050
38	Corsets	8	30,000	2,174	.....	.....	444	455	470	805
39	Cutlery and edge tools. (See also Saws; Tools, not elsewhere specified.)	7	28,725	37,210	.....	.....	16,975	7,225	8,610	4,400
40	Dentistry, mechanical	117	581,075	106,094	.....	.....	51,150	4,658	1,421	48,865
41	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	29	83,550	39,370	.....	.....	4,520	9,825	16,170	8,855
42	Dyeing and cleaning	17	98,850	128,485	32,500	18,500	44,000	3,935	3,010	26,540
43	Electroplating	7	33,950	14,695	.....	.....	9,715	1,670	10	3,300
44	Engraving and diesinking	14	20,750	4,695	.....	.....	1,960	260	75	2,400
45	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	6	21,000	9,995	.....	.....	4,300	1,605	40	4,050
46	Engraving, wood	8	20,750	3,495	.....	.....	1,780	65	440	1,210
47	Fancy articles, not elsewhere specified	14	40,000	14,193	.....	.....	3,445	4,836	1,375	4,537
48	Flavoring extracts	5	49,000	49,800	.....	.....	4,400	9,100	20,150	16,150
49	Flouring and grist mill products	11	151,670	1,100,560	268,560	130,500	288,500	114,750	73,450	224,800
50	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	14	119,300	122,242	18,500	5,000	40,114	11,050	16,286	25,292
51	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	97	1,485,000	4,787,785	485,900	283,018	1,644,103	313,197	966,695	1,094,872
52	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	10	196,837	1,182,015	92,000	37,600	84,785	26,000	527,230	414,400
53	Fur goods. (See also Hats and caps, not including wool hats.)	8	192,425	482,300	.....	.....	3,400	221,000	149,700	108,200
54	Furnishing goods, men's. (See also Shirts.)	33	350,150	1,242,593	22,500	9,000	17,920	214,894	382,553	595,726
55	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	66	461,200	264,817	1,000	700	18,244	67,847	111,236	65,790
56	Furniture, chairs	3	52,500	37,050	.....	.....	2,350	13,050	8,050	13,000
57	Furniture, factory product	24	411,225	769,692	30,000	15,385	103,621	109,825	270,516	240,345
58	Gas and lamp fixtures. (See also Lamps and reflectors.)	5	114,000	79,600	.....	.....	39,350	16,250	14,800	9,200
59	Glass, cutting, staining, and ornamenting	8	32,550	87,820	15,750	5,500	9,995	18,450	13,050	25,075
60	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	15	238,750	542,025	3,000	250	30,400	80,100	201,675	226,600
61	Grease and tallow. (See also Axle grease; Soap and candles.)	4	2,000	103,360	20,000	6,000	10,200	.....	12,860	54,300
62	Hairwork	17	214,800	31,390	.....	.....	820	12,155	8,115	10,300
63	Hand stamps	8	45,250	70,195	.....	.....	28,000	25,480	870	15,845
64	Hats and caps, not including wool hats. (See also Fur goods.)	16	92,300	80,125	.....	.....	17,830	19,245	9,150	33,900
65	Instruments, professional and scientific	7	35,775	33,160	.....	.....	15,050	2,685	7,700	7,125
66	Iron and steel, forgings	3	50,775	78,505	.....	1,500	26,500	9,150	5,100	36,255
67	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	15	231,000	390,675	.....	1,000	102,350	59,025	25,950	202,350
68	Ivory and bone work	3	5,000	2,200	.....	.....	1,400	400	350	50
69	Jewelry. (See also Watch, clock, and jewelry repairing.)	40	291,100	431,928	.....	.....	73,515	192,978	101,400	64,035
70	Lapidary work	4	7,200	5,005	.....	.....	685	1,300	500	2,520
71	Leather, tanned and curried	37	74,386	1,460,945	156,750	177,100	166,850	111,870	527,221	321,154
72	Liquors, malt	19	265,642	4,376,501	675,500	725,000	1,558,237	195,507	391,538	830,719
73	Liquors, vinous. (See also Liquors, distilled.)	11	210,200	925,735	3,200	8,080	423,165	126,090	230,200	126,000
74	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	7	160,775	356,134	.....	.....	180,572	67,487	43,659	64,416
75	Lock and gun smithing	38	83,150	33,245	4,050	3,600	12,790	2,700	2,115	7,990
76	Looking-glass and picture frames	24	210,550	354,950	10,000	7,000	19,885	37,475	60,125	220,465
77	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	31	547,675	703,776	700	800	298,071	65,810	94,475	243,920
78	Malt. (See also Liquors, malt.)	6	.....	580,025	216,925	140,500	46,500	42,400	20,700	113,000
79	Marble and stone work. (See also Monuments and tombstones.)	16	141,775	335,080	.....	.....	39,470	141,800	45,015	108,795
80	Masonry, brick and stone. (See also Plastering and stuccowork.)	10	70,050	222,900	2,000	.....	11,875	46,425	31,200	131,400
	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	8	102,000	107,932	.....	5,000	7,885	21,370	23,550	50,127

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN FRANCISCO, CAL.—Continued.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$63,745	$38,470	$2,318	$5,661	$2,018	$1,202	$2,159	$11,917	569	$422,812	75	$75,815	.....	.....	26
7,213	2,925	550	335	3,403	.....	.....	.....	151	132,503	1	900	.....	.....	27
39,658	8,630	3,855	4,813	8,175	.....	4,564	9,621	143	98,990	11	19,300	2	$624	28
286,573	182,962	4,661	9,107	352	49,957	1,038	37,596	1,761	1,374,779	374	347,778	1	389	29
56,929	42,086	3,030	5,178	800	.....	860	4,975	1,876	784,085	604	273,908	1	780	30
78,974	72,417	663	1,312	594	.....	20	3,968	1,396	589,473	26	29,420	223	144,837	31
74,435	35,052	2,238	5,496	930	7,540	11,693	11,486	1,137	453,793	144	104,543	28	15,126	32
96,434	38,970	4,213	7,380	4,080	125	13,042	28,624	310	231,447	81	115,129	4	2,180	33
63,506	43,942	1,649	2,992	1,950	.....	3,814	9,159	443	216,167	63	61,708	34	14,674	34
37,733	11,826	2,645	6,809	4,310	.....	2,345	9,798	419	308,406	18	21,934	.....	.....	35
13,286	6,140	598	684	40	.....	24	5,800	49	33,540	21	19,370	.....	.....	36
1,673	1,518	59	83	.....	.....	.....	13	19	7,584	3	2,444	.....	.....	37
2,334	2,210	22	92	2	.....	.....	8	24	9,750	.....	.....	7	4,160	38
4,779	2,205	214	426	1,510	.....	.....	334	54	39,556	9	8,420	.....	.....	39
42,734	40,674	309	606	60	.....	.....	1,085	182	171,785	115	125,084	5	2,480	40
9,640	6,264	412	312	110	.....	.....	2,542	49	26,398	28	16,217	.....	.....	41
18,430	7,908	544	1,896	4,200	.....	1,000	2,882	246	174,396	18	15,550	4	3,044	42
3,452	2,712	48	261	251	.....	.....	180	23	21,357	8	8,635	.....	.....	43
2,474	2,406	34	14	.....	.....	.....	20	24	19,078	14	14,250	.....	.....	44
1,773	1,680	38	35	.....	.....	.....	20	24	20,368	9	11,524	.....	.....	45
1,800	1,651	15	24	.....	.....	.....	110	23	14,185	9	9,110	.....	.....	46
3,245	3,030	47	107	.....	.....	.....	61	39	12,902	4	1,540	10	5,060	47
7,118	3,420	164	276	.....	.....	1,533	1,725	22	10,645	6	5,310	1	360	48
153,298	13,650	9,760	19,274	24,075	.....	32,129	54,350	218	194,684	34	54,735	2	1,460	49
34,058	9,543	1,579	1,172	7,090	.....	320	14,354	116	69,733	26	21,376	.....	.....	50
326,549	126,050	18,485	31,906	62,341	.....	36,073	57,694	2,796	2,377,152	212	284,229	2	1,320	51
149,988	16,734	4,679	15,575	11,100	.....	69,400	32,500	2,107	363,144	37	41,553	2	546	52
14,718	12,531	450	1,717	.....	.....	.....	20	158	84,010	12	16,660	1	1,300	53
67,845	21,486	2,226	5,167	1,013	16,803	11,920	9,225	1,082	406,307	104	61,881	1	300	54
45,237	34,589	1,407	3,452	720	.....	496	4,573	335	268,136	80	77,443	.....	.....	55
4,734	4,200	139	135	10	.....	.....	250	43	26,236	5	6,890	1	810	56
63,827	32,899	2,656	11,234	3,106	250	2,335	11,356	649	481,606	41	53,704	.....	.....	57
10,733	8,550	355	504	1,300	.....	.....	24	84	63,718	7	8,824	.....	.....	58
5,422	2,600	338	574	1,250	.....	300	360	92	71,263	10	9,868	.....	.....	59
33,016	16,160	1,467	3,781	1,287	.....	4,056	6,265	426	233,884	41	51,402	2	540	60
9,595	160	95	1,340	1,550	.....	2,900	3,550	21	15,796	8	6,516	.....	.....	61
16,960	15,586	375	481	.....	.....	.....	518	80	44,159	10	11,256	8	5,711	62
4,393	3,620	106	262	210	.....	15	180	40	30,390	10	12,148	.....	.....	63
8,261	5,538	272	621	1,097	.....	395	338	129	71,613	19	14,037	.....	.....	64
4,947	2,502	99	176	100	.....	.....	2,070	25	22,060	7	7,140	.....	.....	65
8,234	4,056	153	460	500	.....	3,000	65	44	34,024	6	8,500	.....	.....	66
30,553	18,477	1,020	1,832	2,995	.....	294	5,935	297	241,038	21	24,880	.....	.....	67
555	400	9	31	65	.....	.....	50	7	3,842	1	416	.....	.....	68
24,391	17,652	1,386	2,555	650	.....	1,350	798	280	253,119	54	65,738	.....	.....	69
591	578	6	7	.....	.....	.....	.....	8	8,066	5	6,116	.....	.....	70
98,600	6,694	5,217	16,054	15,331	.....	33,573	21,731	623	437,441	56	61,482	.....	.....	71
760,426	21,810	509,542	16,451	21,359	.....	43,702	147,502	542	545,323	58	88,150	3	1,740	72
36,912	17,444	2,073	14,845	350	.....	.....	2,200	158	110,844	29	48,200	.....	.....	73
33,026	12,856	1,045	2,875	6,250	.....	2,500	7,500	242	169,922	16	27,775	2	690	74
7,713	6,651	197	440	85	.....	.....	340	67	41,361	37	23,971	.....	.....	75
30,639	16,843	822	3,845	525	2,500	4,374	1,790	178	124,956	43	36,006	2	1,144	76
84,173	49,285	2,172	12,750	9,870	.....	470	9,626	847	667,129	59	73,091	2	1,420	77
19,480	.....	2,316	3,034	3,600	.....	1,830	8,700	64	56,604	8	12,540	.....	.....	78
21,772	12,050	958	1,645	4,198	.....	710	2,211	222	210,383	23	28,515	1	600	79
23,690	5,604	399	79	200	.....	90	17,318	197	219,942	10	23,334	.....	.....	80
12,351	7,656	497	1,149	100	.....	1,000	1,949	129	77,626	10	8,285	.....	.....	81

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN FRANCISCO, CAL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecoworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
26	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	460	$327,493			8	$2,090	26	$17,414		
27	Cars and general shop construction and repairs by street railroad companies.	150	131,603								
28	Chemicals. (See also Fertilizers; Paints; Varnish.)	111	73,731	15	$4,707	4	628				
29	Clothing, men's, custom work and repairing	248	204,170	85	30,639	18	2,961	928	744,259	107	$44,583
30	Clothing, men's, factory product	224	119,752	55	20,124			458	224,865	534	144,656
31	Clothing, women's, dressmaking	22	8,252	1,105	399,656	5	988	2	2,400	13	3,920
32	Clothing, women's, factory product	222	96,672	390	137,568	9	2,176	20	8,344	324	89,364
33	Coffee and spice, roasting and grinding	167	98,228	52	14,830	6	1,080				
34	Confectionery	186	100,868	139	34,102	8	1,665	6	2,200	7	950
35	Cooperage	119	89,362			8	1,980	274	195,130		
36	Cordials and sirups	25	13,570			3	600				
37	Cork, cutting	4	2,076	1	260	9	1,844	2	960		
38	Corsets			16	5,460					1	130
39	Cutlery and edge tools. (See also Saws; Tools, not elsewhere specified.)	39	29,956			6	1,200				
40	Dentistry, mechanical	44	35,113	1	240	4	768	13	8,100		
41	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	20	10,091					1	90		
42	Dyeing and cleaning	142	113,070	74	33,232	1	260	7	9,240		
43	Electroplating	15	12,722								
44	Engraving and diesinking	9	4,678			1	144				
45	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	10	7,768	1	364	2	312	2	400		
46	Engraving, wood	9	4,669			1	156	4	250		
47	Fancy articles, not elsewhere specified	3	560	14	3,558			8	2,184		
48	Flavoring extracts	7	3,680	7	1,120	1	175				
49	Flouring and grist mill products	177	137,239	3	860	2	390				
50	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	78	45,609			12	3,288				
51	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	2,512	2,073,797	2	466	56	14,080	12	3,260		
52	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	371	113,386	81	12,930	42	3,081	132	15,814	1,362	170,700
53	Fur goods. (See also Hats and caps, not including wool hats.)	28	22,260	94	36,542	1	208	2	1,040	20	6,000
54	Furnishing goods, men's. (See also Shirts.)	57	42,458	32	12,103	1	187	608	246,180	270	103,198
55	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	205	157,056	15	6,106	2	330	32	26,629	1	572
56	Furniture, chairs	32	16,436	4	1,300			1	800		
57	Furniture, factory product	448	318,418	6	2,652	1	234	149	105,058	4	1,540
58	Gas and lamp fixtures. (See also Lamps and reflectors.)	66	52,032			11	2,862				
59	Glass, cutting, staining, and ornamenting	73	58,783	4	1,404	4	608			1	600
60	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	82	52,294	92	40,708	33	5,184	40	31,156	136	52,600
61	Grease and tallow. (See also Axle grease; Soap and candles.)	13	9,280								
62	Hairwork	9	5,098	53	22,094						
63	Hand stamps	27	17,098	2	988	1	156				
64	Hats and caps, not including wool hats. (See also Fur goods.)	17	13,928	18	5,187	2	433	19	17,115	54	20,913
65	Instruments, professional and scientific	17	14,140					1	780		
66	Iron and steel, forgings	36	24,900			2	624				
67	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	247	199,119			7	1,395	18	15,100		
68	Ivory and bone work	6	3,426								
69	Jewelry. (See also Watch, clock, and jewelry repairing.)	215	182,146			3	575	8	4,660		
70	Lapidary work	3	1,950								
71	Leather, tanned and curried	555	368,235	1	400	2	400	9	6,924		
72	Liquors, malt	475	453,639	3	962	3	832				
73	Liquors, vinous. (See also Liquors distilled.)	113	57,449	10	4,680			6	455		
74	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	158	122,515	35	10,736	27	5,286	4	2,920		
75	Lock and gun smithing	26	15,912			2	464	2	1,014		
76	Looking-glass and picture frames	115	83,044	1	312	13	2,600	4	1,850		
77	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Lumber and other mill products from logs or bolts; Wood, turned and carved.)	782	590,704			4	1,014				
78	Malt. (See also Liquors, malt.)	56	44,064								
79	Marble and stone work. (See also Monuments and tombstones.)	197	180,748					1	520		
80	Masonry, brick and stone. (See also Plastering and stuccowork.)	187	196,608								
81	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	85	50,343	10	4,636			20	12,762	4	1,600

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN FRANCISCO, CAL.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$322,013	$271,048	$17,675	$2,198		$31,092	$953,689	$431,747	$521,942	26
		114,906	112,866	1,015	375	$256	400	256,015	71,842	184,173	27
		593,061	561,924	29,537	1,000		600	879,412	879,412		28
		1,444,768	1,408,473	3,867	108		32,320	3,718,646	3,597,709	120,937	29
		1,403,279	1,318,154	3,900	2,274		78,951	2,557,671	2,543,671	14,000	30
		1,076,319	1,041,323	4,426	72		30,498	2,074,520	2,028,450	46,070	31
		911,385	837,515	894	1,824		71,152	1,669,643	1,653,059	16,584	32
		2,127,281	1,754,574	13,100	6,472	850	352,285	2,720,741	2,261,381	459,360	33
		534,193	481,184	14,045	1,060		37,904	1,131,678	1,129,818	1,860	34
		600,159	596,592	1,827	540	350	850	1,084,931	1,058,952	25,979	35
		138,389	129,635	754			8,000	227,305	227,305		36
		10,190	10,110	30			50	20,800	20,800		37
		4,811	4,309	21			481	18,808	18,348	460	38
		22,413	20,628	37	1,505	49	134	120,012	103,160	16,852	39
		57,980	52,514	1,388	701		3,377	399,218	377,486	21,732	40
		26,585	22,043	104			4,438	88,532	87,532	1,000	41
		44,041	31,929	10,668	348		1,096	337,179	328,133	9,046	42
		15,995	13,674	1,101	360		860	43,706	36,706	7,000	43
		3,216	3,112	98			6	30,600	30,600		44
		18,328	18,228	10			90	47,445	46,945	500	45
		2,160	2,077	13			70	21,320	21,320		46
		5,907	5,571	126			210	28,579	23,651	4,928	47
		29,830	21,340	160	120		8,210	60,740	60,540	200	48
		2,998,170	2,850,179	54,186	3,200	2,120	88,485	3,559,666	2,897,566	662,100	49
		257,707	233,901	3,861	2,365	600	16,980	430,928	403,428	27,500	50
		2,801,666	2,472,721	121,503	19,119	19,253	169,070	6,445,443	5,343,362	1,102,081	51
80	$5,134	1,860,912	1,099,965	25,667			735,280	2,826,700	2,819,700	7,000	52
		813,045	812,525	240			280	1,227,800	1,188,550	39,250	53
		1,519,130	1,498,157	25	2,120		18,828	2,398,362	2,326,922	71,440	54
		297,250	284,584	750	2,192	100	9,624	744,730	671,168	73,562	55
		24,326	20,870		456		3,000	62,600	52,000	10,600	56
		381,447	336,506	5,958	4,670	500	33,813	1,166,004	1,163,048	2,956	57
		37,775	32,572	1,003	2,250		1,950	130,525	130,525		58
		40,520	38,587	653	398	400	482	151,792	148,792	3,000	59
		308,003	278,869	164	2,380	450	26,140	696,550	696,450	100	60
		130,984	123,170	2,414			5,400	166,230	161,700	4,530	61
		18,687	18,448	239				94,097	87,997	6,100	62
		24,433	23,188	210	120		915	85,300	85,100	200	63
		72,119	69,714	1,211	462	67	665	179,077	159,477	19,600	64
		7,142	5,395	245	192	950	360	43,035	37,610	5,425	65
		156,023	152,588	1,005	1,380		150	234,439	216,439	18,000	66
4	1,144	359,109	303,290	17,037	2,253	224	36,305	783,717	760,957	22,760	67
		1,749	1,164		135		450	9,100	8,500	600	68
		1,093,976	1,085,534	1,765	2,564	500	3,613	1,512,571	1,510,591	1,980	69
		3,220	3,000		220			14,500	14,500		70
		2,170,392	2,146,724	14,646		150	8,872	2,918,419	2,595,467	322,952	71
		919,735	752,163	151,588		100	15,884	2,896,054	2,882,979	13,075	72
		420,031	237,600	8,581			173,850	837,550	837,550		73
		132,484	114,419	1,108	2,216		14,741	367,588	367,588		74
		14,106	12,728	178	312		978	72,796	39,468	33,328	75
		96,030	87,304	1,609	240		6,877	310,864	299,819	11,045	76
		708,922	648,537	2,910	13,615	15,345	28,515	1,685,854	1,584,674	101,180	77
		374,233	351,773	17,410		4,950	100	521,710	521,710		78
		306,956	296,601	6,280	580	2,120	1,375	622,447	609,497	12,950	79
		478,791	455,741	250	700	4,000	18,100	799,030	652,365	146,665	80
		124,014	111,554	1,350			11,110	248,246	243,371	4,875	81

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN FRANCISCO, CAL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
				Direct investment.						
					Value of plant.			Live assets.		
			Value of hired property.	Aggregate.	Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
82	Millinery and lace goods. (See also Artificial feathers and flowers.)	5	$26,700	$53,800	.....	.....	$13,500	$16,600	$4,200	$19,500
83	Millinery, custom work	70	725,700	188,506	$13,200	$8,000	9,549	90,905	30,752	36,100
84	Mineral and soda waters	15	83,275	287,181	30,000	35,900	175,400	5,400	1,300	39,181
85	Models and patterns	10	35,260	26,030	.....	.....	14,050	860	1,750	9,370
86	Monuments and tombstones. (See also Marble and stone work.)	13	52,275	82,830	30,050	2,250	2,155	9,550	30,750	8,075
87	Musical instruments and materials, not specified.	10	23,300	7,070	.....	.....	3,200	1,055	2,025	790
88	Musical instruments, organs and materials	4	10,000	19,000	6,000	2,000	1,800	750	6,050	2,400
89	Musical instruments, pianos and materials	10	68,000	119,435	1,800	1,500	10,250	15,670	36,915	53,300
90	Oil, lubricating	5	121,400	180,411	.....	.....	19,000	51,500	37,255	72,656
91	Optical goods	3	25,750	12,225	.....	.....	1,300	4,600	5,225	1,100
92	Painting and paper hanging	104	426,150	253,932	.....	.....	41,047	46,504	58,124	108,257
93	Paints. (See also Chemicals; Varnish.)	5	210,000	387,631	.....	.....	148,583	47,722	157,252	94,074
94	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	36	149,000	149,077	28,000	9,000	12,795	14,662	25,800	58,820
95	Paving and paving materials	17	140,000	398,510	10,000	200	101,100	57,100	33,000	197,110
96	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	7	52,625	17,640	.....	.....	1,805	6,260	7,335	2,240
97	Photographic materials	3	3,650	63,985	44,500	12,000	850	5,125	260	1,250
98	Photography	49	533,800	138,848	5,000	2,500	74,655	11,153	27,145	18,395
99	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	5	21,750	13,150	.....	.....	8,300	1,000	1,250	2,600
100	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	10	63,100	237,555	67,000	35,000	40,505	41,350	26,800	26,900
101	Plastering and stuccework. (See also Masonry, brick and stone.)	10	34,100	106,815	15,000	9,200	19,460	1,700	17,630	43,825
102	Plumbers' supplies. (See also Brass castings and brass finishing.)	3	71,200	97,550	.....	.....	44,000	22,500	8,700	22,350
103	Plumbing and gas fitting	116	400,750	393,847	30,650	25,850	45,982	70,505	42,470	178,390
104	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	78	680,225	978,329	15,000	25,000	596,100	59,267	76,958	206,004
105	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	110	1,329,050	2,591,782	527,500	643,000	839,027	77,207	27,025	477,123
106	Regalia and society banners and emblems	3	15,450	25,875	.....	.....	2,875	2,150	10,150	10,700
107	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	24	117,500	143,832	9,750	11,500	17,099	11,349	5,582	88,552
108	Saddlery and harness	53	253,200	1,357,793	225,600	61,600	29,665	124,730	420,160	496,038
109	Safes and vaults	4	44,350	23,715	.....	.....	11,200	1,615	9,900	1,000
110	Sausage. (See also Slaughtering.)	17	56,750	17,763	.....	.....	5,488	966	1,654	9,655
111	Saws	3	31,575	154,270	30,000	8,000	43,250	13,000	27,760	32,260
112	Shipbuilding	25	70,200	1,784,548	339,572	407,958	130,600	281,061	228,841	393,426
113	Shirts. (See also Furnishing goods, men's.)	49	200,400	311,571	30,600	30,000	29,678	124,375	68,271	29,247
114	Show cases	6	58,250	27,035	.....	.....	3,950	4,375	11,000	7,710
115	Silk and silk goods	9	99,260	112,283	.....	.....	30,409	28,300	15,642	37,932
116	Slaughtering and meat packing, wholesale. (See also Sausage.)	5	35,275	439,100	77,900	39,000	23,800	12,950	152,750	132,700
117	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	20	300,300	1,152,679	5,500	9,200	39,213	250,192	25,970	822,604
118	Soap and candles. (See also Grease and tallow.)	15	167,500	766,300	128,300	57,200	177,550	74,526	133,878	194,846
119	Sporting goods	3	6,350	2,450	.....	.....	520	450	1,480	.....
120	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	4	20,100	13,150	.....	.....	3,150	4,000	3,600	2,400
121	Stencils and brands	5	10,750	4,139	.....	.....	2,550	285	180	1,124
122	Stereotyping and electrotyping. (See also Type founding.)	3	57,750	85,245	.....	.....	37,500	1,030	11,676	35,039
123	Sugar and molasses, refining	3	49,575	5,509,965	562,800	1,430,000	1,911,700	260,000	854,637	490,828
124	Surgical appliances. (See also Artificial limbs.)	12	65,700	21,095	.....	.....	6,990	4,750	5,505	3,850
125	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	63	658,260	1,279,156	9,700	6,800	322,780	395,420	330,895	213,561
126	Tobacco, chewing, smoking, and snuff	3	35,100	19,410	.....	.....	3,200	5,000	1,510	9,700
127	Tobacco, cigars and cigarettes	165	1,048,000	1,729,975	27,000	10,000	65,418	366,093	426,426	835,038
128	Tools, not elsewhere specified. (See also Cutlery and edge tools.)	8	20,000	143,995	41,700	18,600	46,100	3,595	17,000	17,000
129	Trunks and valises	7	99,125	217,870	.....	.....	14,285	51,670	76,600	75,315
130	Umbrellas and canes	8	39,100	16,070	.....	.....	2,700	4,250	6,475	2,645
131	Upholstery materials. (See also Woolen goods.)	3	.....	36,950	18,800	4,850	4,800	2,500	2,600	3,400
132	Varnish. (See also Paints.)	3	6,000	38,300	5,000	1,250	2,500	6,000	8,000	15,550
133	Vinegar and cider	4	22,100	19,404	.....	.....	10,550	3,704	1,300	3,850
134	Watch, clock, and jewelry repairing. (See also Jewelry.)	88	281,000	53,110	500	500	28,805	8,170	5,985	9,150
135	Window shades	6	62,600	37,700	.....	.....	2,450	19,100	6,650	9,500
136	Wirework, including wirerope and cable. (See also Mattresses and spring beds.)	14	130,000	875,445	125,000	80,000	211,415	103,462	232,775	122,793
137	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	20	61,700	27,465	.....	.....	9,505	2,510	9,125	6,325
138	All other industries (a)	104	2,602,650	17,157,620	2,345,989	1,424,771	7,385,121	1,402,790	2,802,822	1,736,127

a Embraces agricultural implements, 2; artificial limbs, 1; artists' materials, 2; babbitt metal and solder, 1; bags, paper, 1; baking and yeast powders, 1; bellows, 1; belting and hose, rubber, 1; bluing, 1; boot and shoe cut stock, 1; calcium lights, 1; card cutting and designing, 1; carpets, rag, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars, street railroad, not including operations of railroad companies, 1; china, decorating, 2; chocolate and cocoa products, 1; clay and pottery products, 1; cleansing and polishing preparations, 1; clothing, men's, factory product, buttonholes, 2; coffins, burial cases, and undertakers' goods, 1; cordage and twine, 1; drug grinding, 1; electrical apparatus and supplies, 1; enameling, 1; fertilizers, 2; fireworks, 1; fish, canning and preserving, 2; foundry supplies, 1; gas, illuminating and heating, 2; gas machines and meters, 1; gas stoves, 2; glass, 1; glue, 2; gold and silver, leaf and foil, 1; hand knit goods, 1; hardware, saddlery, 1; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 2; ice, artificial, 2; ink, printing, 2; ink,

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN FRANCISCO, CAL.—Continued.

Miscellaneous expenses.								Average number of employés and total wages.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$5,849	$1,735	$928	$411	$200			$2,575	60	$31,234	7	$6,060	1	$1,500	82
59,818	54,275	879	2,426	245			1,993	304	154,694	8	8,216	96	63,016	83
18,207	6,660	762	809	2,720			7,256	99	76,770	24	22,382			84
4,003	2,814	112	462	595			20	36	31,125	9	7,884			85
7,448	4,176	336	285	75		$880	1,696	87	87,950	17	23,340			86
2,350	1,862	44	144				300	14	9,240	10	7,316			87
2,211	750	14	189	8		1,000	250	10	10,954	3	4,260			88
23,183	5,100	489	950	115	$2,343	4,000	10,186	52	47,154	11	11,876			89
18,711	9,710	790	1,211	200		1,750	5,050	53	54,654	15	19,650	1	500	90
2,047	1,800	155	92					14	10,064	3	1,800			91
49,761	34,660	890	2,118	1,255	50	285	10,503	794	691,463	124	136,960			92
39,848	18,777	1,567	6,351	11,062		594	1,497	109	82,413	11	14,627	1	600	93
69,431	10,427	636	423	245	220	475	57,005	92	62,052	34	28,302	1	1,020	94
35,551	10,464	649	260	10,110		1,085	12,983	689	546,491	42	70,751	1	600	95
3,680	3,420	25	130	20			85	22	12,023	4	3,165	2	1,300	96
628	288	253	62				25	5	3,700	2	1,720			97
47,661	37,363	593	1,716	620		150	7,219	210	158,388	54	53,839	8	5,915	98
2,572	1,728	48	61	60		150	525	30	17,584	5	4,960			99
17,798	5,044	1,841	1,085	1,775		1,625	5,528	87	63,942	23	26,684			100
3,852	2,727	347	373	100			305	99	101,732	13	13,160			101
10,289	4,980	158	561	4,300			290	90	45,770	4	3,444			102
49,372	34,057	876	1,823	870		635	11,111	824	615,458	132	142,187	1	260	103
164,260	42,560	3,360	7,998	5,423	1,500	8,602	94,817	1,011	649,034	107	123,978	8	6,304	104
676,009	82,334	9,623	7,819	5,556		2,588	568,089	1,624	1,586,237	285	374,289	13	7,247	105
1,257	1,080	48	20				100	19	15,326	2	5,560			106
16,773	8,805	634	727	1,020		9	5,578	187	132,763	33	24,686			107
63,193	20,248	8,535	6,506	456		7,485	19,963	508	297,483	78	68,038	2	760	108
4,088	3,100	102	201			335	350	21	15,470	5	5,580			109
6,571	4,538	71	94	110			1,758	40	22,783	19	12,067			110
19,737	2,525	1,191	1,304	160		3,921	10,696	52	48,272	7	9,816			111
374,428	6,303	8,710	3,962	35,198	117,528	15,215	187,512	1,386	1,142,816	12	55,606			112
63,571	14,024	2,461	3,732	1,752	9,500		31,202	1,085	465,450	97	72,824	4	2,392	113
4,678	4,362	131	175	10				27	22,044	8	8,212			114
10,438	7,246	397	1,251	661		210	673	214	83,566	7	12,580	4	2,696	115
24,484	2,820	1,137	4,102	2,340		4,300	9,785	63	50,067	10	11,740			116
201,775	24,020	3,390	7,047	9,372		9,598	148,348	272	270,660	75	109,830	1	520	117
92,154	13,390	4,671	6,310	5,534		5,770	56,479	217	153,886	39	55,190			118
486	442	30	14					8	5,722	2	1,820			119
2,418	1,560	87	46	50		50	625	28	14,416	4	2,700			120
1,450	860	16	24	85		40	425	10	8,456	5	5,010			121
11,230	4,620	163	785	150		1,937	3,575	57	47,547	5	9,240			122
598,118	3,465	32,500	36,360	60,400		101,000	364,393	751	538,648	28	47,295			123
5,083	4,926	49	98	10				32	21,975	9	8,790	3	1,038	124
112,744	51,010	3,886	8,153	11,773	8,000	20,939	8,983	719	418,368	80	79,218	2	1,092	125
10,514	2,280	5,610	224	200			2,200	30	14,696	4	4,660			126
388,602	75,977	272,734	17,143	532		14,318	7,898	2,617	1,148,339	331	254,354	2	1,040	127
5,773	1,500	508	489	2,000		840	436	64	56,360	11	9,920	1	520	128
18,410	6,936	1,179	2,920	375		2,840	4,160	146	103,537	17	23,064			129
3,476	3,120	80	207	20			49	22	16,580	9	7,792	2	1,740	130
1,094		155	354	275			310	18	9,092	2	1,980			131
7,788	480	132	576	50		100	6,450	14	10,232	5	4,800			132
9,492	1,980	80	60	300			7,072	19	17,808	9	8,944			133
23,288	21,042	372	427	52			1,395	150	118,632	82	75,951	2	580	134
5,807	4,380	362	275	400			390	27	18,052	5	5,160	1	600	135
38,347	9,714	2,494	3,072	6,360		14,332	2,275	307	189,939	34	37,789			136
6,457	5,015	142	599	374		30	297	68	55,426	22	21,440			137
763,070	156,157	144,125	48,976	180,836		96,675	136,301	3,900	2,147,124	274	327,321	13	6,930	138

writing, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; japanning, 1; jewelry and instrument cases, 2; kaolin and other earth grinding, 2; lamps and reflectors, 1; lasts, 2; lead, bar, pipe, and sheet, 1; liquors, distilled, 1; lumber and other mill products from logs or bolts, 1; mantels, slate, marble, and marbleized, 1; matches, 2; mirrors, 1; oakum, 1; oil, illuminating, not including petroleum, refining, 1; oil, linseed, 2; paper patterns, 2; pens, gold, 1; pipes, tobacco, 2; printing and publishing, music, 1; printing materials, 1; pulp from fiber, other than wood, 1; rubber and elastic goods, 2; sewing machine repairing, 1; sewing machines and attachments, 1; silversmithing, 1; springs, steel, car and carriage, 1; stamped ware, 2; stationery goods, not elsewhere specified, 1; taxidermy, 2; toys and games, 1; type founding, 2; washing machines and clothes wringers, 1; wheelbarrows, 1; whips, 1; woodenware, not elsewhere specified, 1; woolen goods, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAN FRANCISCO, CAL.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Pieceworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
82	Millinery and lace goods. (See also Artificial feathers and flowers.)	9	$6,320	43	$16,454						
83	Millinery, custom work	7	2,340	183	77,594	6	$828	4	$1,800		
84	Mineral and soda waters	73	53,992			2	396				
85	Models and patterns	26	23,085			1	156				
86	Monuments and tombstones. (See also Marble and stone work.)	69	63,610					1	1,000		
87	Musical instruments and materials, not specified.	3	1,724					1	200		
88	Musical instruments, organs and materials	5	4,174					2	2,520		
89	Musical instruments, pianos and materials	36	32,402	1	720	1	156	3	2,000		
90	Oil, lubricating	31	33,664	4	960	2	480				
91	Optical goods	11	8,264								
92	Painting and paper hanging	626	534,228					44	23,275		
93	Paints. (See also Chemicals; Varnish.)	91	65,010	4	1,760	2	416				
94	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	41	26,906	11	3,876	2	260	3	1,688		
95	Paving and paving materials	646	475,140								
96	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	9	5,530	7	2,028						
97	Photographic materials	3	1,980								
98	Photography	101	70,851	27	16,076	8	1,797	7	6,590	4	$3,200
99	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	23	12,264			2	360				
100	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	53	33,814	7	2,184	2	390	1	520	1	350
101	Plastering and stuccowork. (See also Masonry, brick and stone.)	86	88,572								
102	Plumbers' supplies. (See also Brass castings and brass finishing.)	73	37,832	13	4,500						
103	Plumbing and gas fitting	667	463,801			18	4,256	6	4,954		
104	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, music.)	661	405,727	119	41,573	75	14,706	83	46,306	18	10,440
105	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	937	881,235	81	31,852	33	5,630	249	267,054	26	18,930
106	Regalia and society banners and emblems	3	2,600	12	6,816					2	350
107	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	146	106,667			2	780	6	1,230		
108	Saddlery and harness	292	168,560	20	5,681	10	2,132	94	50,192	12	2,120
109	Safes and vaults	16	9,890								
110	Sausage. (See also Slaughtering.)	21	10,716								
111	Saws	41	37,104			4	1,352				
112	Shipbuilding	1,325	1,069,450					49	17,760		
113	Shirts. (See also Furnishing goods, men's.)	130	75,338	445	147,070	4	776	188	94,454	217	72,596
114	Show cases	17	13,416	2	416						
115	Silk and silk goods	47	25,720	150	39,606	2	470	2	1,870	2	624
116	Slaughtering and meat packing, wholesale. (See also Sausage.)	53	38,327								
117	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	194	159,795			1	240	1	275		
118	Soap and candles. (See also Grease and tallow.)	144	88,730	18	4,834	5	1,022	2	1,248	9	2,862
119	Sporting goods	5	3,692					1	210		
120	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	6	3,216					18	8,500		
121	Stencils and brands	4	2,690			1	156				
122	Stereotyping and electrotyping. (See also Type founding.)	22	15,915	3	1,924	3	468	12	12,000	12	8,600
123	Sugar and molasses, refining	722	490,573	1	780						
124	Surgical appliances. (See also Artificial limbs.)	13	9,488	5	1,836			1	791	1	32
125	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	470	297,737	31	8,785	113	19,496	23	12,040		
126	Tobacco, chewing, smoking, and snuff	13	5,526	7	2,950					6	1,560
127	Tobacco, cigars and cigarettes	93	36,881	86	25,357	16	3,060	2,018	802,228	71	24,819
128	Tools, not elsewhere specified. (See also Cutlery and edge tools.)	48	44,648			2	522	2	750		
129	Trunks and valises	93	62,177	7	2,756	14	3,840	15	11,700		
130	Umbrellas and canes	4	3,356	5	2,132			2	1,560		
131	Upholstery materials. (See also Woolen goods.)	16	7,112								
132	Varnish. (See also Paints.)	9	5,432								
133	Vinegar and cider	10	8,924								
134	Watch, clock, and jewelry repairing. (See also Jewelry.)	55	37,790	1	1,000	2	396	8	2,915		
135	Window shades	14	10,030	3	1,080	1	182	3	1,000		
136	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	185	115,625			32	8,180	55	28,185		
137	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	41	32,180			3	770	2	1,630		
138	All other industries	2,932	1,626,278	356	62,088	118	17,085	123	79,807	83	28,110

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAN FRANCISCO, CAL.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
		$88,445	$85,818	$315	$862		$1,450	$151,368	$151,368		82
		278,117	271,999	130			5,988	666,891	642,123	$24,768	83
		54,301	41,465	854	795		11,187	264,356	259,306	5,050	84
		5,803	3,994	61	1,488	$60	200	50,506	49,641	865	85
		91,050	89,635				1,415	223,269	214,319	8,950	86
		1,378	1,278		60		40	14,493	6,193	8,300	87
		4,229	4,153	24			52	21,916	18,821	3,095	88
		49,042	45,437	454			3,151	180,860	171,375	9,485	89
		227,170	225,120	1,120	180		750	406,529	406,529		90
		14,810	14,630		180			36,500	32,500	4,000	91
		378,806	351,735	83			27,048	1,309,358	1,047,789	261,569	92
		595,925	571,318	10,238	1,120	2,235	11,014	973,391	956,071	17,320	93
		94,919	77,238	575	60		17,046	327,294	324,144	3,150	94
		719,316	669,871	16,536		59	32,850	1,542,460	1,469,060	73,400	95
		22,718	19,305	50			3,363	60,905	60,655	250	96
		25,975	25,875				100	35,300	33,300	2,000	97
1	$120	77,039	73,274	558			3,207	364,214	363,914	300	98
		3,524	2,978	174	372			31,175	31,175		99
		136,002	66,045	1,336	1,620		67,001	294,001	287,401	6,600	100
		56,974	54,424	1,150			1,400	191,340	182,040	9,300	101
		77,410	64,980	1,680	900		9,850	169,600	169,600		102
		702,335	661,893	7,863	144		32,435	1,660,346	1,262,336	398,010	103
		424,164	388,439	3,926	14,420		17,379	1,448,623	1,408,227	40,396	104
		985,635	903,645	26,546	7,232		48,212	3,971,990	3,952,432	19,558	105
		16,325	16,325					55,700	55,700		106
		135,202	129,458	2,487			3,257	343,478	268,855	74,623	107
		423,570	408,065	540	1,955		13,010	932,313	841,213	91,100	108
		12,136	10,930	276	230		700	39,480	33,135	6,345	109
		66,479	60,931	538	840		4,170	104,804	84,249	20,555	110
		27,996	21,492	2,525	1,325		2,654	118,150	115,150	3,000	111
		1,099,138	1,027,106	65,361	720		5,951	2,916,373	2,375,992	540,381	112
		931,766	844,911	3,624	4,840		78,391	1,708,778	1,708,753	25	113
		17,960	16,831	35	300		794	65,836	61,086	4,750	114
		146,406	137,167	102	1,734		7,403	271,912	269,576	2,336	115
		528,773	491,607	9,177			27,989	661,011	650,081	10,930	116
		5,047,028	5,044,744	784			1,500	6,009,463	5,452,211	557,252	117
		655,986	563,272	20,598			72,116	992,700	979,550	13,150	118
		5,329	5,300		24		5	12,887	10,287	2,600	119
		13,216	12,886	200			130	43,400	43,400		120
		2,050	2,015				35	16,928	16,478	450	121
		9,946	6,789	1,475	360		1,322	72,876	72,876		122
		20,822,965	19,439,930	484,580		27,900	870,555	22,673,850	22,673,850		123
		11,988	11,558	30	180		220	46,184	45,184	1,000	124
		1,159,513	1,117,484	28,296	3,050		10,683	1,852,979	1,647,681	205,298	125
		61,352	54,420	1,140			5,792	90,905	90,905		126
		893,001	732,642	225			160,134	2,792,795	2,791,595	1,200	127
		41,494	33,125	4,635	2,564	520	650	144,470	125,290	19,180	128
		179,713	91,742	1,004	420		86,547	358,057	275,757	82,300	129
		14,870	14,088		132		650	48,211	37,944	10,267	130
		13,618	12,118	900			600	27,100	27,100		131
		35,190	34,839	340			11	61,110	61,110		132
		25,110	17,754	2,611		50	4,695	54,893	54,893		133
		39,818	38,113	595	120		990	209,225	102,453	106,772	134
		47,336	46,626	10			700	84,776	84,276	500	135
1	160	798,974	707,960	29,359	800	30	60,825	1,058,531	999,782	58,749	136
		13,791	10,527		1,209	100	1,955	87,867	78,437	9,430	137
1	96	5,013,838	4,501,971	334,295	12,336	39,625	125,611	9,667,921	9,049,151	618,770	138

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAVANNAH, GA.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries	244	$779,298	$5,379,774	$844,448	$1,040,268	$1,394,887	$322,103	$380,820	$1,397,248
2	Blacksmithing and wheelwrighting	18	32,000	44,460	9,750	13,250	6,000	5,785	1,375	8,300
3	Boots and shoes, custom work and repairing	9	7,700	2,130	.....	.....	840	565	25	700
4	Bread and other bakery products	25	50,000	137,232	29,500	40,250	26,390	5,167	13,125	22,800
5	Carpentering	11	8,650	14,170	3,600	950	700	960	160	7,800
6	Clothing, men's, custom work and repairing	15	36,000	24,065	.....	.....	1,415	18,450	300	3,900
7	Clothing, women's, dressmaking	8	5,250	3,787	.....	.....	511	110	316	2,850
8	Coffins and burial cases, trimming and finishing	5	11,300	34,300	17,000	3,500	550	5,850	800	6,600
9	Dentistry, mechanical	3	5,100	575	.....	.....	525	50	.....	.....
10	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	5	7,600	8,850	400	300	1,450	275	6,425	.....
11	Fertilizers	4	60,000	1,050,969	90,000	280,000	140,000	117,902	88,067	935,000
12	Flouring and grist mill products	3	14,800	42,500	4,000	4,500	14,000	6,000	2,000	12,000
13	Foundry and machine shop products	4	.....	107,500	28,500	39,500	76,000	12,500	3,500	32,500
14	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	5	9,000	1,815	.....	.....	415	400	1,000	.....
15	Lock and gun smithing	5	7,050	4,215	.....	.....	2,500	990	425	300
16	Lumber, planing mill products, including sash, doors, and blinds.	6	23,000	274,309	4,000	31,418	101,691	30,200	30,200	76,800
17	Mattresses and spring beds. (See also Furniture.)	3	1,180	8,775	5,000	1,300	450	525	500	1,000
18	Mineral and soda waters. (See also Bottling.)	3	7,700	5,225	1,000	1,000	3,000	225	.....	.....
19	Painting and paper hanging	11	9,250	49,480	10,000	8,000	2,850	12,420	5,260	10,950
20	Photography	6	26,000	3,995	.....	.....	3,145	775	75	.....
21	Plumbing and gas fitting	11	14,000	27,650	4,000	6,000	2,450	7,850	1,700	5,650
22	Printing and publishing, book and job	7	55,000	92,250	.....	.....	64,000	17,000	2,250	9,000
23	Printing and publishing, newspapers and periodicals.	8	19,000	358,390	75,000	100,000	156,600	10,640	5,700	10,450
24	Rice, cleaning and polishing	3	.....	455,000	140,000	245,000	65,000	.....	.....	5,000
25	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	7,700	10,780	.....	.....	2,400	2,300	700	5,380
26	Saddlery and harness	5	8,650	5,740	.....	.....	940	3,000	1,800	.....
27	Shipbuilding	4	4,100	156,100	5,500	8,100	119,500	5,000	8,000	10,000
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	5	10,700	17,750	6,000	1,500	3,850	2,150	750	3,500
29	Tobacco, cigars and cigarettes	4	4,000	2,781	.....	.....	475	960	1,144	202
30	Watch, clock, and jewelry repairing. (See also Jewelry.)	13	21,500	7,290	.....	.....	4,815	2,475	.....	.....
31	All other industries (a)	32	312,168	1,737,691	411,198	255,700	592,425	51,579	200,223	226,566

SCRANTON, PA.

1	All industries	177	539,600	16,237,271	1,152,484	2,888,540	4,298,342	2,478,821	1,136,839	4,282,245
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	18	21,000	28,880	13,300	6,700	3,175	985	420	4,300
3	Bread and other bakery products	5	17,000	69,400	12,500	10,200	15,300	8,900	4,300	18,200
4	Brick and tile	4	36,050	38,000	5,000	1,000	10,200	.....	6,000	15,800
5	Carpentering	6	3,400	88,800	14,100	4,300	3,100	16,900	2,300	48,100
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	9	10,650	194,350	92,000	32,000	18,400	13,150	20,200	18,600
7	Clothing, men's, custom work and repairing	18	54,500	77,650	13,000	6,000	4,500	45,250	2,050	6,850
8	Coffins and burial cases, trimming and finishing	5	3,200	63,900	18,000	20,500	10,400	200	5,500	9,300
9	Flouring and grist mill products	5	17,100	352,624	87,000	61,000	38,000	22,533	27,792	116,299
10	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	5	3,000	2,184,345	196,134	588,939	513,405	193,299	192,964	499,604
11	Iron and steel	4	.....	8,840,706	220,000	1,229,200	2,541,325	1,888,020	316,268	2,645,893
12	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	.....	21,800	8,900	4,800	2,100	1,100	1,400	3,500
13	Liquors, malt	3	.....	471,700	47,000	193,000	85,000	22,200	70,500	54,000
14	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	8	24,360	405,176	104,500	42,500	53,200	64,150	49,851	90,975
15	Marble and stone work. (See also Monuments and tombstones.)	5	6,000	41,300	14,000	3,750	5,650	5,500	5,700	6,700
16	Photography	9	54,190	17,525	.....	.....	10,400	1,975	1,000	4,150
17	Plumbing and gas fitting	7	53,750	199,084	30,000	15,000	24,243	21,887	32,964	74,990
18	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	13	44,000	146,750	12,500	18,000	63,400	4,450	3,600	44,800
19	Saddlery and harness	5	22,100	19,392	.....	1,200	1,342	1,700	10,685	4,465
20	Silk and silk goods	3	11,000	409,000	12,000	82,000	181,000	54,000	70,000	10,000
21	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	6	54,000	66,976	400	800	4,578	19,964	8,839	32,395
22	Wirework, including wire rope and cable	3	1,400	29,050	6,200	4,800	6,850	1,900	1,800	7,500
23	All other industries (b)	33	102,900	2,470,863	245,950	562,851	702,774	90,758	302,706	565,824

a Embraces boot and shoe uppers, 1; bottling, 2; brick and tile, 2; coffee and spice, roasting and grinding, 1; confectionery, 2; cooperage, 1; cotton, compressing, 2; gas, illuminating and heating, 1; hairwork, 2; hats and caps, not including wool hats, 1; ice, artificial, 1; jewelry, 1; liquors, malt, 1; marble and stone work, 1; masonry, brick and stone, 1; millinery, custom work, 2; monuments and tombstones, 1; oil, cottonseed and cake, 1; oil, resin, 1; patent medicines and compounds, 2; paving and paving materials, 1; plastering and stuccowork, 1; soap and candles, 1; stencils and brands, 1; trunks and valises, 1.

b Embraces bookbinding and blank-book making, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 1; carriage and

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAVANNAH, GA.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$484,497	$82,861	$53,351	$39,022	$41,423	.....	$57,732	$210,108	2,760	$1,362,120	319	$201,672	22	$11,100	1
5,572	3,980	905	548	.....	.....	80	50	127	70,781	15	13,745	.....	.....	2
1,064	944	104	16	.....	.....	.....	.....	19	10,235	8	3,733	.....	.....	3
15,260	6,270	2,642	1,190	750	.....	12	4,396	154	63,513	22	14,977	5	1,756	4
2,087	1,082	267	238	.....	.....	.....	500	87	51,146	8	5,980	.....	.....	5
5,201	4,365	562	199	75	.....	.....	.....	70	38,886	11	7,793	.....	.....	6
741	642	39	60	.....	.....	.....	.....	36	10,882	.....	.....	4	1,872	7
1,736	1,140	469	127	.....	.....	.....	.....	13	6,162	6	3,100	.....	.....	8
489	464	20	5	.....	.....	.....	.....	4	4,728	3	3,958	.....	.....	9
890	698	10	142	.....	.....	.....	40	17	3,305	5	1,539	.....	.....	10
159,689	5,500	5,459	14,119	16,014	.....	44,335	74,262	230	121,133	34	47,600	.....	.....	11
4,356	1,700	310	446	250	.....	.....	1,650	19	8,964	3	3,120	.....	.....	12
3,570	.....	2,079	1,241	250	.....	.....	.....	147	98,699	9	10,880	.....	.....	13
1,202	910	159	33	.....	.....	.....	100	14	6,351	5	2,919	.....	.....	14
912	785	99	3	25	.....	.....	.....	10	5,448	4	3,100	.....	.....	15
17,452	2,945	1,980	327	2,143	.....	197	9,860	369	178,386	25	25,636	.....	.....	16
667	145	55	55	.....	.....	.....	412	16	6,128	2	1,248	.....	.....	17
1,103	780	285	18	20	.....	.....	.....	17	5,036	2	1,092	.....	.....	18
2,093	1,126	350	167	.....	.....	.....	450	102	56,838	12	9,228	.....	.....	19
3,356	2,976	278	102	.....	.....	.....	.....	14	10,148	5	4,520	1	260	20
2,972	1,786	494	252	.....	.....	.....	440	46	25,321	11	8,511	.....	.....	21
8,469	4,603	771	965	450	.....	800	880	57	34,275	11	9,284	.....	.....	22
42,217	1,770	2,750	1,768	1,064	.....	.....	34,865	161	116,193	18	21,564	6	4,040	23
11,792	.....	6,250	3,442	1,500	.....	600	.....	85	34,776	15	12,716	.....	.....	24
1,348	780	68	50	75	.....	.....	375	40	23,594	2	1,248	.....	.....	25
1,118	1,054	15	49	.....	.....	.....	.....	12	7,397	4	2,327	.....	.....	26
9,384	500	1,000	834	1,050	.....	3,500	2,500	118	61,134	6	6,080	.....	.....	27
1,610	1,298	105	102	15	.....	.....	90	23	13,747	5	4,463	.....	.....	28
1,463	548	870	45	.....	.....	.....	.....	10	4,215	1	600	.....	.....	29
2,727	2,405	185	101	.....	.....	.....	36	19	11,762	8	4,147	.....	.....	30
173,957	31,656	24,771	12,378	17,742	.....	8,208	79,202	724	272,937	59	56,564	6	3,172	31

SCRANTON, PA.

874,621	50,873	220,926	41,736	321,968	$9,300	72,370	157,448	9,123	4,273,012	285	340,026	13	4,152	1
2,760	2,198	241	96	.....	.....	.....	225	32	14,947	12	6,614	.....	.....	2
6,677	1,800	210	557	560	.....	200	3,350	71	27,768	8	5,330	2	450	3
5,515	3,800	130	55	500	.....	300	730	109	31,205	.....	.....	.....	.....	4
11,730	345	246	364	.....	9,000	25	1,750	78	51,760	5	6,085	.....	.....	5
5,937	975	799	1,383	1,100	.....	580	1,100	145	62,875	7	4,570	.....	.....	6
7,061	5,594	173	524	25	.....	120	625	149	65,688	7	7,500	.....	.....	7
3,167	332	350	285	.....	.....	.....	2,200	12	6,622	.....	.....	.....	.....	8
13,823	1,560	1,479	3,065	1,040	.....	3,053	3,626	54	35,263	9	10,700	.....	.....	9
117,960	300	12,477	8,021	25,564	.....	12,938	58,660	985	488,824	44	52,931	.....	.....	10
352,136	.....	45,063	9,113	266,500	.....	31,260	200	3,208	1,726,229	24	97,485	.....	.....	11
998	.....	107	61	.....	.....	.....	830	19	9,119	.....	.....	.....	.....	12
107,439	.....	89,120	2,120	4,600	.....	.....	11,599	95	66,140	6	5,600	.....	.....	13
12,950	2,220	1,740	3,700	2,550	.....	840	1,900	229	135,020	28	21,900	.....	.....	14
2,949	540	101	143	850	300	.....	925	84	53,388	6	5,340	.....	.....	15
5,816	4,089	14	163	300	.....	.....	1,250	34	14,892	6	4,204	3	1,442	16
8,323	4,853	557	975	175	.....	1,113	650	162	95,396	17	17,680	.....	.....	17
23,787	3,505	400	1,122	560	.....	1,300	16,900	173	81,487	14	11,216	4	900	18
2,245	1,660	83	102	.....	.....	200	200	26	11,592	1	1,040	.....	.....	19
19,250	2,400	1,450	2,600	3,200	.....	600	9,000	905	170,428	6	5,500	.....	.....	20
17,809	5,550	10,182	413	50	.....	114	1,500	120	30,213	7	4,230	.....	.....	21
540	144	78	88	.....	.....	30	200	12	7,144	4	3,060	.....	.....	22
145,749	9,008	55,836	6,786	14,394	.....	19,697	40,028	2,331	1,087,062	74	69,041	4	1,360	23

wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; coffins, burial cases, and undertakers' goods, 1; confectionery, 2; cutlery and edge tools, 1; furniture, cabinetmaking, repairing and upholstering, 1; gas, illuminating and heating, 1; glass, 1; hats and caps, not including wool hats, 1; hosiery and knit goods, 1; lime and cement, 1; lumber and other mill products from logs or bolts, 1; masonry, brick and stone, 2; mineral and soda waters, 2; monuments and tombstones, 1; painting and paper hanging, 2; patent medicines and compounds, 1; paving and paving materials, 1; slaughtering and meat packing, wholesale, 2; soap and candles, 1; tinsmithing, coppersmithing, and sheet-iron working, 2; tobacco, chewing, smoking, and snuff, 1; varnish, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SAVANNAH, GA.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Pieceworkers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	2,099	$968,812	83	$22,397	31	$4,187	197	$62,652	9	$1,300
2	Blacksmithing and wheelwrighting	90	54,899			11	1,357	2	780		
3	Boots and shoes, custom work and repairing	1	364					10	6,138		
4	Bread and other bakery products	111	43,844	13	2,332	3	604				
5	Carpentering	71	42,666					8	2,560		
6	Clothing, men's, custom work and repairing	25	11,986	5	1,224			27	17,683	2	200
7	Clothing, women's, dressmaking			25	7,910					7	1,100
8	Coffins and burial cases, trimming and finishing	5	2,178					2	884		
9	Dentistry, mechanical	1	770								
10	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	11	1,714	1	52						
11	Fertilizers	196	73,533								
12	Flouring and grist mill products	16	5,844								
13	Foundry and machine shop products	138	87,819								
14	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	5	2,352	2	520	1	200	1	360		
15	Lock and gun smithing	6	2,348								
16	Lumber, planing mill products, including sash, doors, and blinds.	330	151,970			4	600	10	180		
17	Mattresses and spring beds. (See also Furniture.)	10	3,784	4	1,096						
18	Mineral and soda waters. (See also Bottling.)	15	3,044								
19	Painting and paper hanging	83	46,360			1	50	6	1,200		
20	Photography	7	5,108	1	260						
21	Plumbing and gas fitting	34	16,560			1	250				
22	Printing and publishing, book and job	38	23,180	3	598	4	428	1	785		
23	Printing and publishing, newspapers and periodicals.	115	81,357	4	2,146	1	26	17	6,560		
24	Rice, cleaning and polishing	65	21,085	5	975						
25	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	38	22,346								
26	Saddlery and harness	7	4,950			1	120				
27	Shipbuilding	112	55,054								
28	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	18	9,284								
29	Tobacco, cigars and cigarettes	3	1,312			2	312	4	1,991		
30	Watch, clock, and jewelry repairing. (See also Jewelry.)	8	6,474					3	1,141		
31	All other industries	531	185,227	20	5,284	2	240	106	22,450		

SCRANTON, PA.—Continued.

1	All industries	7,200	3,545,378	819	126,643	319	39,580	266	177,411	200	37,722
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	20	8,333								
3	Bread and other bakery products	45	19,744	5	520	11	1,724				
4	Brick and tile	105	30,779			4	426				
5	Carpentering	73	45,675								
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	137	57,305					1	1,000		
7	Clothing, men's, custom work and repairing	26	17,286	28	7,877			38	23,250	50	9,775
8	Coffins and burial cases, trimming and finishing	12	6,622								
9	Flouring and grist mill products	44	24,263	1	300						
10	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	860	400,822					81	35,071		
11	Iron and steel	3,249	1,623,119			25	5,625				
12	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	19	9,119								
13	Liquors, malt	89	60,540								
14	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	195	110,120					6	3,000		
15	Marble and stone work. (See also Monuments and tombstones.)	78	47,998								
16	Photography	17	8,032	8	1,214						
17	Plumbing and gas fitting	145	77,716								
18	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	82	50,348	4	700	47	3,859	21	14,164	1	300
19	Saddlery and harness	25	10,552								
20	Silk and silk goods	74	42,528	675	102,400	150	20,000				
21	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	31	12,968	48	5,407	4	416	14	3,319	16	3,873
22	Wirework, including wire rope and cable	8	4,084								
23	All other industries	1,866	877,425	50	8,225	78	7,530	105	97,607	133	23,774

BY SPECIFIED INDUSTRIES: 1890—Continued.

SAVANNAH, GA.—Continued.

Average number of employés and total wages—continued. Piecework—Continued. Children. Number.	Wages.	Cost of materials used. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	Value of products. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$3,297,804	$3,082,214	$104,420	$5,304	$15,810	$90,056	$6,319,066	$5,997,911	$321,155	1
.....	.....	25,046	24,131	755	.....	.....	160	136,567	76,299	60,268	2
.....	.....	3,393	3,343	.....	.....	.....	50	15,996	4,520	11,476	3
.....	.....	317,446	311,383	3,788	.....	.....	2,275	482,855	481,080	1,775	4
.....	.....	74,870	73,670	.....	.....	.....	1,200	149,374	142,774	6,600	5
.....	.....	30,280	28,620	.....	.....	.....	1,660	85,220	52,200	33,020	6
.....	.....	1,655	940	.....	.....	.....	715	18,500	17,700	800	7
.....	.....	10,773	10,773	.....	.....	.....	.....	30,510	30,510	.....	8
.....	.....	1,321	1,315	6	.....	.....	.....	9,200	7,200	2,000	9
.....	.....	7,120	6,900	.....	.....	.....	220	17,150	17,150	.....	10
.....	.....	718,689	701,420	15,798	.....	771	700	1,262,061	1,262,061	.....	11
.....	.....	122,959	117,206	1,437	.....	75	4,247	146,150	138,900	7,250	12
.....	.....	65,840	60,040	5,200	.....	100	500	252,535	170,935	81,600	13
.....	.....	3,845	3,695	.....	.....	.....	150	14,048	12,200	2,448	14
.....	.....	2,133	2,060	8	.....	.....	65	9,312	.....	9,312	15
.....	.....	179,656	167,078	.....	.....	1,368	11,210	439,923	439,923	.....	16
.....	.....	5,899	5,649	.....	.....	.....	250	14,700	12,200	2,500	17
.....	.....	6,642	4,792	.....	.....	.....	1,850	26,500	26,500	.....	18
.....	.....	41,770	41,620	.....	.....	.....	150	122,900	122,500	400	19
.....	.....	7,176	7,176	.....	.....	.....	.....	24,520	24,520	.....	20
.....	.....	34,606	34,263	343	.....	.....	.....	80,020	57,300	22,720	21
.....	.....	27,877	26,395	970	362	.....	150	91,246	91,246	.....	22
.....	.....	152,166	139,780	3,156	4,150	.....	5,080	354,766	354,766	.....	23
.....	.....	684,396	676,308	6,588	.....	500	1,000	914,611	914,611	.....	24
.....	.....	32,935	32,870	.....	.....	.....	65	67,200	66,000	1,200	25
.....	.....	4,158	4,158	.....	.....	.....	.....	14,638	6,274	8,364	26
.....	.....	45,716	32,076	350	.....	.....	13,290	126,300	88,800	37,500	27
.....	.....	18,370	18,370	.....	.....	.....	.....	40,776	35,200	5,576	28
.....	.....	3,180	2,810	.....	.....	.....	370	9,547	9,547	.....	29
.....	.....	2,270	2,270	.....	.....	.....	.....	16,874	2,000	14,874	30
.....	.....	605,617	541,100	66,021	792	12,996	44,699	1,344,467	1,332,995	11,472	31

SCRANTON, PA.—Continued.

21	$2,100	16,922,753	15,425,837	709,589	4,815	31,593	750,919	24,341,745	23,070,007	1,271,738	1
.....	.....	11,156	9,095	606	.....	.....	1,455	37,150	34,550	2,600	2
.....	.....	130,471	119,486	1,810	.....	.....	9,175	191,336	189,836	1,500	3
.....	.....	7,809	.....	6,909	.....	.....	900	55,200	55,200	.....	4
.....	.....	111,260	109,610	25	.....	.....	1,625	203,500	203,500	.....	5
.....	.....	77,430	73,800	1,480	.....	.....	2,150	174,279	126,679	47,600	6
.....	.....	85,690	83,500	640	.....	.....	1,550	202,630	199,080	3,550	7
.....	.....	10,860	10,700	160	.....	.....	.....	25,330	25,330	.....	8
.....	.....	685,002	546,772	2,537	700	1,803	133,190	777,130	565,615	211,515	9
.....	.....	518,452	301,139	16,852	.....	7,822	192,639	1,296,705	1,281,465	15,240	10
.....	.....	10,716,206	9,803,763	632,449	.....	.....	279,994	13,278,299	13,233,519	44,780	11
.....	.....	15,800	13,725	265	.....	.....	1,810	36,600	36,100	500	12
.....	.....	289,580	263,580	5,500	.....	13,000	7,500	593,390	575,390	18,000	13
.....	.....	326,985	306,116	1,794	.....	2,875	16,200	661,100	409,600	251,500	14
.....	.....	48,070	47,200	150	.....	200	520	114,400	114,400	.....	15
.....	.....	16,708	15,869	367	.....	.....	472	52,100	51,600	500	16
.....	.....	133,479	131,024	795	660	.....	1,000	258,423	218,423	40,000	17
.....	.....	32,937	28,900	425	1,035	.....	2,577	173,965	171,604	2,361	18
.....	.....	27,837	23,757	280	.....	.....	3,800	47,901	42,276	5,625	19
.....	.....	1,614,710	1,601,950	2,760	.....	.....	10,000	2,055,200	2,055,200	.....	20
.....	.....	35,124	30,066	136	.....	.....	4,922	94,116	94,116	.....	21
.....	.....	9,055	7,600	255	.....	.....	1,200	26,000	25,000	1,000	22
21	2,100	2,018,132	1,898,185	33,394	2,420	5,893	78,240	3,986,991	3,361,524	625,467	23

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SEATTLE, WASH.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable, and all sundries not elsewhere reported.
1	All industries (a)	331	$1,046,434	$4,758,283	$628,240	$682,735	$1,430,352	$461,960	$650,955	$904,041
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	12	32,550	33,200	7,000	450	11,450	4,750	5,650	3,900
3	Boots and shoes, custom work and repairing	22	24,765	5,900	.....	.....	2,775	1,135	380	1,610
4	Bread and other bakery products	11	59,580	45,700	2,000	3,750	24,400	5,000	5,900	4,650
5	Brick and tile	7	34,220	321,305	90,000	64,500	109,000	10,100	33,880	13,825
6	Carpentering	25	35,592	43,350	.....	.....	9,950	7,450	5,000	20,950
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	20,028	37,450	.....	8,000	4,650	7,900	9,900	7,000
8	Clothing, men's, custom work and repairing	16	88,790	79,750	.....	.....	3,950	47,100	19,200	9,500
9	Clothing, women's, dressmaking	18	38,300	10,900	.....	.....	2,850	6,000	1,800	250
10	Confectionery	6	28,146	54,675	4,000	8,000	8,275	3,450	13,250	17,700
11	Dyeing and cleaning	3	5,200	1,580	.....	500	600	330	.....	150
12	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	9	62,008	462,000	80,000	77,500	136,600	34,700	28,250	104,950
13	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product.)	6	10,130	39,850	3,000	2,000	3,950	5,250	8,250	17,400
14	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	5	15,540	46,825	.....	.....	5,975	6,600	12,650	21,600
15	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	8,225	8,950	.....	.....	4,000	1,850	2,900	200
16	Liquors, malt. (See also Bottling.)	3	.....	722,000	77,000	228,000	155,000	81,000	40,500	140,500
17	Lumber and other mill products from logs or bolts.	16	25,175	1,343,951	228,500	141,600	409,125	70,925	209,750	287,051
18	Lumber, planing mill products, including sash, doors, and blinds.	9	43,370	167,750	.....	9,100	53,500	14,700	41,850	48,600
19	Marble and stone work. (See also Monuments and tombstones.)	5	11,285	12,825	.....	2,500	1,075	1,850	5,400	2,000
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	5	340	3,200	.....	.....	3,200	.....	.....	.....
21	Millinery, custom work	7	46,893	43,050	.....	.....	1,350	8,565	31,100	2,035
22	Monuments and tombstones. (See also Marble and stone work.)	3	9,585	13,250	.....	.....	400	1,850	8,000	3,000
23	Painting and paper hanging	10	16,530	15,750	1,000	1,150	1,600	3,800	.....	8,200
24	Photography	7	26,440	7,295	.....	600	5,200	895	.....	600
25	Plumbing and gas fitting	14	54,725	162,961	.....	625	9,186	49,400	40,700	63,050
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	10	58,840	101,461	.....	.....	65,766	14,950	3,250	17,495
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	10	60,135	262,155	15,000	25,000	168,900	7,480	6,000	39,775
28	Saddlery and harness	6	23,560	22,610	.....	260	2,400	6,250	11,150	2,550
29	Shipbuilding	8	2,210	137,550	1,000	70,200	42,000	2,700	20,250	1,400
30	Soap and candles. (See also Grease and tallow.)	3	16,782	28,500	.....	.....	12,000	4,000	4,000	8,500
31	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	7	30,490	33,350	1,000	600	8,650	10,950	8,950	3,200
32	Tobacco, cigars and cigarettes	8	16,240	22,900	100	200	950	7,850	7,800	6,000
33	Watch, clock, and jewelry repairing. (See also Jewelry.)	17	27,235	15,700	.....	.....	8,100	5,450	1,200	950
34	All other industries (b)	36	113,525	450,590	118,640	38,200	153,525	27,730	67,045	45,450

SIOUX CITY, IOWA.

1	All industries	196	1,575,175	5,222,626	735,747	569,450	959,551	408,799	1,424,175	1,124,904
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	10	17,000	17,005	1,500	250	7,775	915	665	5,900
3	Boots and shoes, custom work and repairing	9	27,600	25,150	15,000	5,000	2,700	1,005	245	1,200
4	Bread and other bakery products	5	38,000	33,395	10,000	7,000	9,600	1,900	225	4,670
5	Brick and tile. (See also Clay and pottery products.)	3	.....	252,076	142,000	30,200	15,000	15,000	23,187	26,689
6	Carpentering	12	13,300	180,580	10,000	4,000	12,400	12,300	80,600	61,280
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	8,150	22,000	.....	600	1,650	1,950	6,300	11,500
8	Clothing, men's, custom work and repairing	9	66,000	46,530	.....	.....	2,325	28,900	3,312	11,993
9	Clothing, women's, dressmaking	8	24,500	12,950	.....	.....	1,825	1,040	7,510	2,575
10	Confectionery	4	57,250	32,030	.....	.....	4,400	4,850	7,050	15,730
11	Dentistry, mechanical	5	12,050	5,225	.....	.....	2,850	1,075	225	1,075
12	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	5	45,125	16,000	.....	.....	4,150	3,750	3,900	4,200
13	Flouring and grist mill products	3	32,850	330,500	55,000	25,000	70,000	68,000	17,500	95,000

a Includes returns from manufacturers of "Timber products, not manufactured at mill" having offices in Seattle. This industry is reported as of the place where the office of the establishment is located, because it is not practicable to exactly locate its operations within the limits of a county or municipality. The data are included in "All other industries" in order that the operations of individual establishments may not be disclosed.

b Embraces awnings, tents, and sails, 1; bookbinding and blank-book making, 2; bottling, 2; brass castings and brass finishing, 1; cars and general shop construction and repairs by steam railroad companies, 1; cooperage, 1; cutlery and edge tools, 1; flavoring extracts, 1; fur goods, 1; furniture, factory product, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

SEATTLE, WASH.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$495,061	$131,119	$88,357	$51,367	$30,207	$5,300	$42,006	$146,705	4,048	$3,405,523	275	$319,912	5	$1,880	1
5,976	4,212	188	291	40			1,245	51	46,500					2
4,078	3,240	3					835	30	23,030	13	10,440			3
10,853	7,748	212	824	259			1,810	83	69,580	1	780	3	960	4
17,269	4,450	601	318	2,700		600	8,600	270	153,120	2	4,300			5
5,728	4,640	11	172			350	555	350	346,950	5	5,200			6
3,356	2,030	221	545				560	51	45,150	4	3,800			7
18,470	10,700	335	860		4,800		1,775	109	101,904	7	5,624			8
4,675	4,590	45	40					100	43,300			1	400	9
5,160	3,484	123	993				560	51	29,920	10	9,800			10
1,130	630						500	14	10,936	3	3,700			11
38,282	7,944	2,448	3,817	1,688		11,100	11,285	253	229,454	20	26,300			12
5,308	1,320	76	987	250		300	2,375	63	49,150	8	7,200			13
3,052	2,010	90	277				675	72	78,489	1	900			14
1,171	980	21	70				100	12	13,440	1	1,040			15
84,850		69,705	7,520	5,500			2,125	104	101,600	4	7,500			16
98,972	2,260	4,441	16,037	14,100		27,350	33,884	762	525,865	28	29,100			17
22,130	6,060	755	6,540	1,550		400	6,825	347	330,750	16	19,250			18
2,113	1,420	109	209				375	24	24,600	3	3,300			19
36	36							242	256,600					20
6,630	5,460	186	434				550	36	15,310					21
1,890	1,140						750	12	13,052	3	3,900			22
3,765	2,160	55	25				1,525	55	59,176	16	20,800			23
3,537	2,832	5					700	19	19,408	9	11,600			24
11,086	7,116	90	180				3,700	211	177,051	27	37,200			25
12,529	6,866	417	1,680	645		1,106	1,815	89	85,741	14	16,510			26
57,125	7,690	520	1,839	1,900		800	44,876	165	188,586	24	31,678	1	520	27
4,134	3,240	114	445				335	21	17,040	3	2,840			28
2,867	240	607	995	675			350	65	53,280	7	7,100			29
5,035	2,040	90	425				2,480	18	13,260	7	5,860			30
4,572	3,780	117	350				325	33	30,900					31
8,981	1,980	6,229	512				260	40	31,145					32
4,045	3,255						790	33	34,508	13	13,920			33
36,256	15,566	543	4,582	900	500		14,165	263	185,828	26	30,180			34

SIOUX CITY, IOWA.

494,489	133,424	23,542	34,146	32,885	8,425	95,673	166,394	3,008	1,871,425	342	333,027	37	17,822	1
2,318	1,787	54	84	385		8		33	23,572	12	8,704			2
3,652	2,567	271	354	425		25	10	29	16,796	16	10,760	1	400	3
5,041	3,336	324	136	780		80	385	33	18,924	7	5,460	4	1,380	4
8,740		702	335	3,240		2,577	1,886	94	48,897	3	2,460			5
14,006	1,396	195	746	2,314	8,425	365	565	240	172,580	15	14,110	2	1,086	6
2,180	840	327	288	525		200		28	20,856	6	5,616	1	120	7
6,534	5,816	207	326	135		50		98	74,840	13	11,472			8
2,366	2,175		34	142			15	52	16,438	1	400	7	3,202	9
5,113	4,616	80	137	90		40	150	55	19,386	12	8,300			10
1,182	980	21	66	100			15	5	4,026	5	4,026			11
4,742	3,654	198	380	210		200	100	18	11,708	9	6,320			12
13,605	3,000	1,375	3,130	2,700		1,100	2,300	41	32,620	10	11,580			13

gas, illuminating and heating, 1; grease and tallow, 1; hand stamps, 2; iron and steel, doors and shutters, 1; lock and gun smithing, 2; looking-glass and picture frames, 1; millinery and lace goods, 1; mineral and soda waters, 2; paving and paving materials, 1; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; roofing and roofing materials, 1; sausage, 1; show cases, 1; timber products, not manufactured at mill, 2; trunks and valises, 1; umbrellas and canes, 1; vinegar and cider, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SEATTLE, WASH.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piecework ers.			
		Males above 16 years.		Females above 15 years.		Children.		Males above 16 years.		Females above 15 years.	
		Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.	Number.	Wages.
1	All industries	3,399	$2,835,614	189	$79,564	5	$1,352	166	$163,369	9	$3,832
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	51	46,500								
3	Boots and shoes, custom work and repairing	12	8,616					5	3,974		
4	Bread and other bakery products	79	67,840								
5	Brick and tile	261	143,820					7	5,000		
6	Carpentering	345	341,750								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	47	41,350								
8	Clothing, men's, custom work and repairing	22	20,900	2	1,080			74	71,900	4	2,400
9	Clothing, women's, dressmaking			96	42,300					3	600
10	Confectionery	20	14,800	21	5,230						
11	Dyeing and cleaning	7	5,772	3	1,224	1	240				
12	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	233	203,154								
13	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product.)	50	39,950					5	2,000		
14	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	71	77,580								
15	Jewelry. (See also Watch, clock, and jewelry repairing.)	11	12,400								
16	Liquors, malt. (See also Bottling.)	100	94,100								
17	Lumber and other mill products from logs or bolts.	724	489,765					10	7,000		
18	Lumber, planing mill products, including sash, doors, and blinds.	331	311,500								
19	Marble and stone work. (See also Monuments and tombstones.)	21	21,300								
20	Masonry, brick and stone. (See also Plastering and stucco work.)	242	256,600								
21	Millinery, custom work			36	15,310						
22	Monuments and tombstones. (See also Marble and stone work.)	9	10,052								
23	Painting and paper hanging	39	38,376								
24	Photography	8	6,508	1	780					1	520
25	Plumbing and gas fitting	184	139,851								
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	68	66,021	6	2,060			1	1,150		
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	99	105,186	3	2,080			37	48,810	1	312
28	Saddlery and harness	18	14,200								
29	Shipbuilding	58	46,180								
30	Soap and candles. (See also Grease and tallow.)	9	6,500	2	900						
31	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	33	30,900								
32	Tobacco, cigars and cigarettes	10	6,810			3	800	27	23,535		
33	Watch, clock, and jewelry repairing. (See also Jewelry.)	19	20,276			1	312				
34	All other industries	218	147,048	19	8,600						

SIOUX CITY, IOWA—Continued.

1	All industries	2,315	1,365,659	134	39,264	52	7,235	110	102,998	18	5,420
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	21	14,868								
3	Boots and shoes, custom work and repairing	6	2,724					6	2,912		
4	Bread and other bakery products	21	11,884			1	200				
5	Brick and tile. (See also Clay and pottery products.)	88	36,877					3	9,560		
6	Carpentering	223	157,384								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	21	15,120								
8	Clothing, men's, custom work and repairing	34	26,286	8	3,562			42	33,000	1	520
9	Clothing, women's, dressmaking			44	12,746						
10	Confectionery	18	7,428	25	3,658						
11	Dentistry, mechanical										
12	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	8	5,148			1	240				
13	Flouring and grist mill products	31	21,040								

BY SPECIFIED INDUSTRIES: 1890—Continued.

SEATTLE, WASH.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued. Piecoworkers—Continued. Children. Number.	Children. Wages.	COST OF MATERIALS USED. Total.	Principal materials.	Fuel.	Rent of power and heat.	Mill supplies.	All other materials.	VALUE OF PRODUCTS. Total.	Principal products.	All other products, including receipts from custom work and repairing.	
.....	.....	$4,778,384	$4,475,552	$102,110	$3,446	$76,050	$121,226	$10,203,007	$9,074,887	$1,128,120	1
.....	.....	33,130	29,300	3,830	.....	.....	.....	105,700	8,500	97,200	2
.....	.....	10,315	10,315	.....	.....	.....	.....	44,158	11,292	32,866	3
.....	.....	115,385	78,675	3,490	.....	.....	33,220	251,985	248,385	3,600	4
.....	.....	44,000	.....	42,250	.....	.....	1,750	262,560	262,560	.....	5
.....	.....	726,950	726,950	.....	.....	.....	.....	1,169,300	1,168,300	1,000	6
.....	.....	28,060	26,010	1,800	250	.....	.....	93,045	24,700	68,345	7
.....	.....	84,000	84,000	.....	.....	.....	.....	245,200	12,000	233,200	8
.....	.....	57,350	57,350	.....	.....	.....	.....	148,800	88,500	60,300	9
.....	.....	61,074	57,244	1,550	.....	.....	2,280	142,050	142,050	.....	10
.....	.....	1,720	1,420	300	.....	.....	.....	14,200	11,600	2,600	11
.....	.....	380,010	328,930	11,330	200	1,000	38,550	771,380	581,605	189,775	12
.....	.....	55,760	45,800	9,100	360	.....	500	133,100	133,100	.....	13
.....	.....	61,500	55,100	1,700	.....	.....	4,700	173,500	173,500	.....	14
.....	.....	8,600	8,600	.....	.....	.....	.....	32,800	24,800	8,000	15
.....	.....	236,250	222,400	13,350	.....	.....	500	564,400	564,400	.....	16
.....	.....	787,150	713,250	.....	.....	73,900	.....	1,572,590	1,452,590	120,000	17
.....	.....	428,840	398,200	490	.....	1,150	29,000	873,500	873,500	.....	18
.....	.....	18,600	18,600	.....	.....	.....	.....	67,900	67,900	.....	19
.....	.....	732,950	732,950	.....	.....	.....	.....	1,071,900	1,071,900	.....	20
.....	.....	57,750	57,750	.....	.....	.....	.....	96,700	.....	96,700	21
.....	.....	14,000	14,000	.....	.....	.....	.....	36,000	36,000	.....	22
.....	.....	21,950	21,950	.....	.....	.....	.....	92,352	92,352	.....	23
.....	.....	5,025	5,025	.....	.....	.....	.....	37,300	37,300	.....	24
.....	.....	221,690	218,625	3,065	.....	.....	.....	464,600	424,600	40,000	25
.....	.....	43,393	40,727	140	1,886	.....	640	165,650	165,650	.....	26
.....	.....	65,236	62,441	1,250	650	.....	895	400,055	397,406	2,649	27
.....	.....	29,200	29,200	.....	.....	.....	.....	63,525	56,525	7,000	28
.....	.....	39,292	35,447	3,295	.....	.....	550	102,740	88,040	14,700	29
.....	.....	22,500	20,300	400	.....	.....	1,800	47,500	47,500	.....	30
.....	.....	25,430	24,930	500	.....	.....	.....	73,600	30,500	43,100	31
.....	.....	32,841	30,750	.....	.....	.....	2,091	84,860	84,860	.....	32
.....	.....	8,806	8,706	.....	.....	.....	100	48,481	9,400	39,081	33
.....	.....	319,627	310,607	4,270	100	.....	4,650	751,576	683,572	68,004	34

SIOUX CITY, IOWA—Continued.

.....	.....	10,295,190	9,865,802	110,143	1,749	42,869	274,627	14,119,843	13,562,726	557,117	1
.....	.....	10,011	8,401	773	.....	.....	837	44,400	32,300	12,100	2
.....	.....	6,000	5,710	280	.....	.....	10	27,372	9,640	17,732	3
.....	.....	50,883	43,757	1,282	44	.....	5,800	75,365	75,365	.....	4
.....	.....	14,215	.....	14,140	.....	.....	75	106,020	106,020	.....	5
.....	.....	697,348	690,413	925	.....	.....	6,010	1,253,963	1,236,903	17,060	6
.....	.....	17,342	15,500	742	.....	.....	1,100	54,884	44,684	10,200	7
.....	.....	68,321	67,350	971	.....	.....	.....	156,435	144,435	12,000	8
.....	.....	46,479	45,880	279	.....	15	305	84,277	82,877	1,400	9
.....	.....	43,095	38,319	742	100	54	3,880	95,047	95,047	.....	10
.....	.....	2,580	2,300	110	20	.....	150	8,900	8,500	400	11
.....	.....	13,709	12,760	374	.....	.....	575	31,520	31,520	.....	12
.....	.....	378,060	364,900	6,560	.....	.....	6,600	443,400	246,100	197,300	13

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

SIOUX CITY, IOWA—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	Number of establishments reporting.	CAPITAL.							
			Value of hired property.	Direct investment.						
				Aggregate.	Value of plant.			Live assets.		
					Land.	Buildings.	Machinery, tools, and implements.	Raw materials.	Stock in process and finished products on hand.	Cash, bills and accounts receivable and all sundries not elsewhere reported.
14	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	4	$31,000	$77,600	$15,000	$3,100	$1,000	$12,500	$26,400	$19,600
15	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	9,000	23,869	9,000	1,000	4,356	1,900	3,300	4,313
16	Lock and gun smithing	3	5,000	40,300	30,000	3,600	2,400	400	200	3,700
17	Lumber, planing mill products, including sash, doors, and blinds.	4	11,950	164,927	42,000	21,500	28,716	18,970	11,200	42,541
18	Masonry, brick and stone. (See also Plastering and stuccowork.)	5	6,000	204,500	.....	.....	13,000	8,000	93,500	90,000
19	Millinery, custom work	9	95,000	24,830	.....	.....	2,275	13,950	5,355	3,250
20	Plumbing and gas fitting	8	39,000	115,375	.....	.....	8,975	46,100	17,700	42,600
21	Printing and publishing, book and job	3	12,400	17,900	.....	.....	13,200	725	1,375	2,600
22	Printing and publishing, newspapers and periodicals.	13	72,000	295,143	69,397	15,000	100,100	37,446	3,950	69,250
23	Saddlery and harness	10	66,600	128,325	10,000	6,000	19,375	19,100	27,000	46,850
24	Slaughtering and meat packing, wholesale	3	647,150	1,662,736	75,000	250,000	170,000	26,039	920,972	220,725
25	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	9	64,000	35,515	.....	.....	5,500	8,415	5,475	16,125
26	Tobacco, cigars and cigarettes	6	32,250	40,000	.....	.....	675	9,775	5,350	24,200
27	Watch, clock, and jewelry repairing	5	40,000	7,600	.....	.....	2,550	1,950	950	2,150
28	All other industries (*a*)	34	102,000	1,410,565	251,850	197,200	452,754	62,844	150,729	295,188

SOMERVILLE, MASS.

1	All industries	404	592,590	3,883,859	598,040	683,575	601,909	389,729	772,555	838,051
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	19	16,300	43,340	24,900	3,650	5,175	550	3,740	5,325
3	Boot and shoe cut stock	3	750	5,700	200	700	2,200	200	1,200	1,200
4	Boots and shoes, custom work and repairing	26	19,125	3,960	.....	100	1,678	1,135	150	897
5	Bread and other bakery products	11	25,675	15,960	1,840	1,500	6,650	3,295	205	2,470
6	Carpentering	74	33,400	201,560	6,350	8,075	26,850	2,225	26,335	131,725
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	5	17,350	45,850	16,000	13,700	1,950	3,350	5,400	5,450
8	Clothing, men's, custom work and repairing	7	10,500	24,660	4,600	5,000	870	.....	6,430	7,760
9	Clothing, women's, dressmaking	58	52,700	7,757	.....	.....	4,000	535	1,210	2,012
10	Confectionery	3	11,475	2,575	.....	.....	1,500	300	475	300
11	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product.)	9	22,100	10,470	.....	450	2,185	385	600	6,850
12	Looking-glass and picture frames	3	6,875	61,002	.....	22,000	5,800	2,526	12,060	18,616
13	Masonry, brick and stone. (See also Plastering and stuccowork.)	15	1,650	58,070	2,600	2,000	10,210	2,150	40	41,070
14	Millinery, custom work	8	13,400	4,800	.....	.....	350	.....	2,875	1,575
15	Painting and paper hanging	52	28,900	36,270	2,200	4,250	9,045	2,695	2,700	15,380
16	Photography	3	5,600	7,950	1,700	800	3,700	500	550	700
17	Plastering and stuccowork. (See also Masonry, brick and stone.)	8	1,125	11,485	700	700	2,525	.....	10	7,550
18	Plumbing and gas fitting	16	22,000	34,004	4,800	3,400	4,879	1,700	3,275	15,950
19	Printing and publishing, book and job	3	4,225	4,795	50	100	4,200	160	125	160
20	Printing and publishing, newspapers and periodicals.	4	12,125	21,900	.....	.....	13,000	450	400	8,050
21	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	5	2,750	3,875	.....	.....	1,800	200	.....	1,875
22	Saddlery and harness	3	3,975	7,820	.....	.....	550	20	3,500	3,750
23	Sausage. (See also Slaughtering and meat packing, wholesale.)	5	2,800	23,700	7,300	6,500	3,460	4,450	90	1,900
24	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	3	7,075	5,200	.....	.....	1,700	350	850	2,300
25	Tobacco, cigars and cigarettes	3	2,300	1,385	.....	.....	35	775	425	150
26	Watch, clock, and jewelry repairing	7	11,415	7,005	.....	.....	3,950	105	1,625	1,325
27	All other industries (*b*)	51	257,000	3,232,766	524,800	610,650	483,647	361,673	698,285	553,711

a Embraces agricultural implements, 1; awnings, tents, and sails, 1; boxes, fancy and paper, 1; bridges, 1; cheese and butter, urban dairy product, 1; clay and pottery products, 1; coffee and spice, roasting and grinding, 1; coffins and burial cases, trimming and finishing, 2; cooperage, 1; cordials and sirups, 1; corsets, 1; foundry and machine shop products, 2; gas, illuminating and heating, 1; marble and stone work, 1; mattresses and spring beds, 1; mineral and soda waters, 2; models and patterns, 1; monuments and tombstones, 2; oil, linseed, 1; patent medicines and compounds, 1; paving and paving materials, 2; pickles, preserves, and sauces, 1; plastering and stuccowork, 2; roofing and roofing materials, 1; soap and candles, 1; trunks and valises, 2; wirework, including wire rope and cable, 1.

b Embraces boot and shoe findings, 1; brass, 1; brick and tile, 1; chemicals, 1; clay and pottery products, 2; coffins and burial cases, trimming and finishing

BY SPECIFIED INDUSTRIES: 1890—Continued.

SIOUX CITY, IOWA—Continued.

MISCELLANEOUS EXPENSES.								AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES.						
								Aggregates.		Officers, firm members, and clerks.				
										Males above 16 years.		Females above 15 years.		
Total.[1]	Rent paid for tenancy.	Taxes, including internal revenue.	Insurance.	Repairs, ordinary, of buildings and machinery.	Amount paid to contractors.	Interest paid on cash used in the business.	All sundries not elsewhere reported.	Average number.	Total wages.	Number.	Wages.	Number.	Wages.	
$1,459	$304	$237	$200	$600	.....	$48	$70	16	$10,892	4	$4,424	.....	.....	14
1,047	925	147	118	150	.....	107	500	17	13,388	5	5,120	.....	.....	15
1,412	460	447	265	240	.....	.....	.....	7	4,536	5	3,000	.....	.....	16
7,844	1,220	351	2,000	1,475	.....	2,768	30	146	80,605	14	13,775	1	$700	17
3,645	620	100	700	1,750	.....	475	.....	314	220,808	8	10,050	.....	.....	18
8,308	7,970	50	206	82	.....	.....	.....	41	16,478	.....	.....	12	6,718	19
7,009	3,983	394	487	715	.....	430	1,000	103	77,350	16	17,420	.....	.....	20
1,747	908	22	68	504	.....	95	150	25	16,168	6	5,920	.....	.....	21
43,012	5,591	2,236	1,841	1,363	.....	160	31,821	264	206,552	29	30,684	3	1,456	22
8,696	5,379	1,004	607	456	.....	1,005	245	69	40,188	20	16,412	.....	.....	23
192,373	55,076	4,500	12,839	6,194	.....	58,436	55,328	626	326,495	29	41,840	3	1,500	24
7,927	6,387	226	759	205	.....	75	275	57	41,932	20	18,540	.....	.....	25
6,386	2,590	3,580	151	15	.....	50	.....	36	20,378	6	4,714	.....	.....	26
4,269	3,087	410	402	250	.....	120	.....	17	12,854	6	3,254	.....	.....	27
128,976	8,757	6,084	7,487	7,840	.....	27,259	71,549	544	322,158	65	68,666	3	1,170	28

SOMERVILLE, MASS.

439,073	54,584	194,154	24,350	37,047	$72	26,164	103,302	3,285	1,783,979	405	382,111	91	44,831	1
2,377	1,701	378	118	.....	.....	90	.....	42	29,706	19	15,638	.....	.....	2
644	75	54	65	250	.....	200	.....	33	10,400	5	2,644	.....	.....	3
2,080	2,007	1	.....	.....	72	.....	.....	38	16,743	22	11,134	.....	.....	4
3,460	2,792	135	160	173	.....	.....	200	62	30,779	9	5,819	11	3,376	5
11,556	3,675	633	1,042	110	.....	5,072	1,024	528	389,506	83	83,480	.....	.....	6
2,731	1,200	519	512	150	.....	300	50	32	18,920	6	5,370	.....	.....	7
1,362	1,048	201	63	50	.....	.....	.....	38	19,042	6	4,686	.....	.....	8
5,297	5,283	.....	14	.....	.....	.....	.....	139	49,886	.....	.....	58	30,573	9
1,021	975	13	33	.....	.....	.....	.....	10	5,080	4	3,030	2	550	10
1,584	1,492	6	86	.....	.....	.....	.....	30	15,728	6	3,910	1	800	11
1,782	756	440	486	100	.....	.....	.....	79	55,519	2	3,300	1	365	12
1,436	196	76	14	.....	.....	300	850	241	148,216	16	17,547	.....	.....	13
1,375	1,342	14	19	.....	.....	.....	.....	17	6,875	.....	.....	7	3,980	14
4,300	3,209	88	113	200	.....	90	600	215	141,482	56	48,830	1	150	15
596	560	15	21	.....	.....	.....	.....	9	5,024	3	3,224	.....	.....	16
485	134	21	30	.....	.....	.....	300	78	58,836	10	10,000	.....	.....	17
2,819	2,430	194	140	.....	.....	25	30	75	51,213	20	18,024	.....	.....	18
366	300	19	12	20	.....	15	.....	7	3,786	3	2,780	.....	.....	19
5,992	860	154	183	200	.....	150	4,445	45	25,713	7	7,900	2	1,248	20
742	280	.....	3	.....	.....	.....	450	16	9,810	5	4,560	.....	.....	21
477	438	19	20	.....	.....	.....	.....	9	5,600	3	2,530	.....	.....	22
1,218	240	241	112	600	.....	25	.....	18	10,878	6	3,800	.....	.....	23
830	780	35	15	.....	.....	.....	.....	10	6,566	3	2,250	.....	.....	24
514	257	239	.....	.....	.....	18	.....	5	1,556	3	976	.....	.....	25
1,355	1,256	46	53	.....	.....	.....	.....	11	8,900	7	7,230	.....	.....	26
383,274	21,199	190,613	21,036	35,194	.....	19,879	95,353	1,493	658,215	101	113,449	8	3,789	27

1; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; cordage and twine, 1; dyeing and cleaning, 1; dyeing and finishing textiles, 1; electrical apparatus and supplies, 2; flouring and grist mill products, 1; foundry and machine shop products, 2; fruits and vegetables, canning and preserving, 2; furniture, factory product, 2; glass, 1; grease and tallow, 2; hairwork, 1; hardware, 1; hats and caps, not including wool hats, 1; leather goods, 1; liquors, distilled, 1; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 2; mats and matting, 1; models and patterns, 1; monuments and tombstones, 1; patent medicines and compounds, 1; paving and paving materials, 1; pickles, preserves, and sauces, 1; refrigerators, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; tools, not elsewhere specified, 1; toys and games, 2; upholstery materials, 1; vinegar and cider, 2; window shades, 2.