TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW BEDFORD, 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.
1	All industries	6,298	$2,944,536	3,480	$1,046,063	376	$55,096	468	$266,288	179	$64,722
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	38	21,310								
3	Boots and shoes, custom work and repairing	6	2,494								
4	Boots and shoes, factory product	81	42,588	38	11,410			172	113,760	50	23,942
5	Bread and other bakery products	105	57,720	16	4,134						
6	Carpentering	276	192,676								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	220	146,479	1	260			1	1,100		
8	Clothing, men's, custom work and repairing	24	14,204	37	11,378			7	6,112	49	13,552
9	Clothing, women's, dressmaking	3	1,890	120	28,374					3	300
10	Confectionery	11	4,278	9	2,211						
11	Cooperage	11	6,540					2	1,560		
12	Cotton goods	3,091	1,242,191	2,842	901,874	340	49,046	6	1,642	47	17,848
13	Dentistry, mechanical	2	1,070	1	300						
14	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	7	2,850								
15	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	169	96,050	2	520			2	1,040		
16	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	13	7,645								
17	Kindling wood	6	2,100								
18	Looking-glass and picture frames	200	97,080	50	7,748						
19	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.)	65	40,348								
20	Masonry, brick and stone	213	146,906					30	27,000		
21	Millinery, custom work			12	4,520						
22	Mineral and soda waters	13	7,016								
23	Monuments and tombstones	14	9,044								
24	Oil, lubricating	70	36,722	12	3,000						
25	Painting and paper hanging	131	72,241								
26	Paints. (See also Chemicals.)	10	4,680								
27	Photography	5	3,172	6	1,998						
28	Plumbing and gas fitting	80	44,706								
29	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, newspapers and periodicals.)	17	8,940	2	312						
30	Saddlery and harness	19	10,452								
31	Shipbuilding	28	10,870					3	600		
32	Soap and candles	12	6,394	2	600	1	208			2	800
33	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	6	3,848								
34	Tobacco, cigars and cigarettes	6	3,108	*2	832			5	3,484		
35	Watch, clock, and jewelry repairing	7	4,400								
36	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	42	15,450			1	150				
37	All other industries	1,297	577,065	328	66,592	34	5,692	240	109,990	28	8,280

NEWBURG, N. Y.—Continued.

1	All industries	2,021	1,108,200	402	101,645	139	21,826	653	253,892	868	254,076
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	18	10,460								
3	Boots and shoes, custom work and repairing	5	2,270	1	300			1	520		
4	Bread and other bakery products	36	20,676	6	1,500						
5	Carpentering	199	137,104								
6	Carpets, rag	3	916	1	364						
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	31	16,584								
8	Clothing, men's, custom work and repairing	10	8,184	2	550			35	23,779	8	2,132
9	Clothing, men's, factory product	97	37,435	28	10,400	3	520	22	15,300	626	194,370
10	Clothing, women's, dressmaking			37	8,598						
11	Coffins and burial cases, trimming and finishing	2	1,700								
12	Confectionery	10	3,912								
13	Dentistry, mechanical	1	520								
14	Foundry and machine shop products	373	219,242								

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW BEDFORD, MASS.—Continued.

AVERAGE NUMBER OF EMPLOYES 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.	
11	$1,400	$8,581,373	$7,872,433	$254,638	$17,429	$302,692	$134,181	$17,025,779	$16,541,827	$483,952	1
		17,648	16,177	1,091			380	91,545	63,381	28,164	2
		6,958	6,152	325			481	28,532	9,272	19,260	3
		427,483	425,971	1,512				758,652	757,532	1,120	4
		159,561	146,342	4,074			9,145	317,538	317,538		5
		458,765	449,681	54	465	2,100	6,465	751,185	672,160	79,025	6
		138,014	126,355	3,130			8,529	354,327	272,197	82,130	7
		67,420	65,165	700			1,555	166,348	158,101	8,247	8
		11,670	8,850	700			2,120	73,126	72,976	150	9
		20,936	18,307	446	480		1,703	39,050	39,050		10
		8,837	8,515	22			300	26,123	23,373	2,750	11
		4,031,533	3,669,912	178,607	10,619	232,995		8,185,286	8,185,286		12
		2,163	1,895	243			25	16,520	16,195	325	13
		5,200	4,700				500	11,200	11,200		14
		106,562	89,022	7,190	2,110	400	7,840	303,983	254,733	49,250	15
		4,407	2,908	409	15	25	1,050	19,100	15,600	3,500	16
		4,855	4,675		180			7,895	7,895		17
		129,934	129,130	484	320			312,000	311,000	1,000	18
		63,230	55,280	1,600	225	5,325	800	134,774	86,074	48,700	19
		308,450	300,850	1,000		6,000	600	558,250	529,850	28,400	20
		13,753	13,550	153			50	30,125	29,975	150	21
		7,653	4,310	138			3,205	27,130	27,130		22
		10,552	10,179	88			285	33,190	32,690	500	23
		495,397	469,913	2,845		500	22,139	611,153	611,153		24
		47,359	42,679	310			4,370	169,530	155,675	13,855	25
		25,193	23,911	681		25	576	53,697	53,697		26
		8,223	7,988	235				31,500	31,500		27
		42,627	39,270	407	200		2,750	136,856	117,856	19,000	28
		13,505	12,400	105	600	200	200	31,500	30,500	1,000	29
		15,055	14,536	144			375	36,964	27,800	9,164	30
		10,510	9,717	17			776	35,151	14,428	20,723	31
1	200	44,511	42,356	1,220		10	925	80,170	79,670	500	32
		2,026	1,851	60			115	9,855	1,555	8,300	33
		9,830	8,834	35			961	23,873	23,873		34
		720	720					9,600	1,200	8,400	35
		16,258	15,415	18			825	55,000	54,400	600	36
10	1,200	1,844,575	1,684,917	47,195	2,215	55,112	55,136	3,495,051	3,445,312	49,739	37

NEWBURG, N. Y.—Continued.

13	1,828	3,521,078	2,984,747	107,915	830	29,154	398,432	6,964,287	6,592,206	372,081	1
		9,748	9,003	635			110	38,125	17,105	21,020	2
		12,969	12,471	63			435	43,943	14,522	29,421	3
		87,560	78,010	9,550				143,300	143,800		4
		231,344	219,985	1,211	180	226	9,742	479,960	404,960	75,000	5
		1,872	1,839	33				4,550	4,350	200	6
		17,948	16,648	300			1,000	52,080	29,225	22,855	7
		53,432	52,739	233			460	125,293	119,220	6,073	8
7	1,078	896,559	757,375	2,862	200		136,122	1,427,750	1,427,750		9
		9,275	9,200	75				25,500	25,500		10
		6,850	6,850					16,600	16,600		11
		7,544	7,277	152			115	20,350	20,350		12
		1,991	1,925	51			15	8,656	7,850	806	13
		300,884	147,297	11,242		7,160	135,185	655,574	500,244	155,330	14

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEWBURG, 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.
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	7	$16,775	$32,875	$4,800	$9,500	$3,350	$6,200	$1,650	$7,375
16	Masonry, brick and stone	15	9,100	84,743	8,100	19,500	3,680	9,835	16,428	27,200
17	Mattresses and spring beds. (See also Furniture; Wirework, including wirerope and cable.)	3	850	42,750	30,200	8,600	2,050	350	450	1,100
18	Millinery, custom work	9	34,500	34,362	4,700	8,900	177	12,310	2,825	5,450
19	Mineral and soda waters. (See also Bottling.)	6	8,600	27,945	2,000	2,100	20,010	1,305	390	2,140
20	Monuments and tombstones	4	13,000	47,600	3,000	2,400	3,500	1,800	10,000	17,900
21	Painting and paper hanging	9	42,700	81,815	8,000	8,000	4,215	28,810	9,970	22,820
22	Photography	5	20,000	13,900	3,000	2,000	5,300	1,000	1,200	1,400
23	Plumbing and gas fitting	10	22,775	109,820	14,300	36,700	2,700	11,420	11,400	33,300
24	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3	6,600	7,960	.....	.....	6,700	1,000	.....	260
25	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	5	29,400	75,562	2,600	5,400	46,500	3,700	1,400	15,962
26	Saddlery and harness	3	10,000	12,645	2,500	1,100	850	470	3,925	3,800
27	Shirts	3	11,175	11,400	.....	.....	3,850	3,300	2,950	1,300
28	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	6	8,125	5,240	.....	.....	455	1,695	1,490	1,600
29	Watch, clock, and jewelry repairing. (See also Jewelry.)	12	19,725	5,305	.....	.....	2,400	1,200	955	750
30	All other industries (a)	53	277,285	3,247,110	328,996	657,205	1,310,935	265,328	296,242	388,404

NEW HAVEN, CONN.

1	All industries	1,120	3,912,025	19,592,384	1,861,965	2,297,858	4,516,260	2,461,569	3,681,377	4,773,355
2	Awnings, tents, and sails	3	8,000	12,150	.....	.....	650	3,000	5,700	2,800
3	Bicycle and tricycle repairing	3	4,400	6,655	2,000	150	4,000	75	280	150
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	48	63,755	61,815	21,200	6,925	9,520	5,120	4,245	14,805
5	Boots and shoes, custom work and repairing	124	113,600	16,544	1,200	1,115	7,587	2,625	1,271	2,746
6	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	4	35,000	196,910	10,000	13,000	55,900	31,000	32,500	54,510
7	Brass castings and brass finishing	4	19,330	628,150	26,400	57,500	103,800	30,800	300,650	109,000
8	Bread and other bakery products	37	155,390	165,326	19,700	14,600	55,350	34,300	5,088	36,288
9	Carpentering	68	58,145	348,892	41,673	37,685	46,720	27,088	81,932	113,794
10	Carpets, rag	3	3,000	1,090	.....	.....	475	65	150	400
11	Carriage and wagon materials	21	100,945	728,900	96,650	111,097	177,159	104,792	90,419	148,783
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	37	214,335	1,860,056	181,322	197,748	95,199	261,349	530,574	593,864
13	Clay and pottery products. (See also Brick and tile.)	3	8,900	3,430	.....	.....	900	560	1,710	260
14	Clothing, men's, custom work and repairing	71	299,780	253,263	.....	.....	15,518	117,525	11,568	108,652
15	Clothing, women's, dressmaking	70	29,725	14,068	.....	.....	6,845	1,600	1,491	4,132
16	Coffins and burial cases, trimming and finishing	5	28,940	23,665	1,100	2,200	2,300	3,595	5,710	8,850
17	Confectionery	14	153,075	108,335	5,500	4,500	23,590	14,605	8,589	51,551
18	Cooperage	5	2,500	28,954	3,250	4,300	8,750	3,375	4,779	4,500
19	Corsets	7	93,065	1,055,079	50,000	70,000	148,865	297,086	268,860	220,268
20	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	3	8,325	90,435	6,200	20,225	25,500	3,010	18,500	17,000
21	Dentistry, mechanical	3	1,700	3,882	.....	.....	650	507	125	2,600
22	Dyeing and cleaning	6	88,040	45,908	.....	.....	26,800	1,341	500	17,267
23	Electroplating	7	14,190	10,655	.....	.....	4,535	1,170	240	4,710
24	Engraving and diesinking	5	7,725	2,625	.....	.....	1,525	.....	320	780
25	Engraving, wood	6	5,000	7,225	.....	.....	1,900	185	765	4,375
26	Files. (See also Cutlery and edge tools.)	3	.....	23,223	7,250	3,700	3,650	2,525	2,075	4,023
27	Flavoring extracts	3	11,035	5,350	.....	.....	850	1,600	1,000	1,900
28	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	25	30,810	1,603,541	196,570	248,870	420,599	128,884	197,853	410,765
29	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	24	48,000	47,825	300	400	5,490	11,625	8,755	21,255
30	Hand stamps	4	9,490	8,095	.....	.....	3,550	425	2,920	1,200
31	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	14	121,740	1,563,671	197,325	375,000	361,584	85,344	343,454	200,964
32	Liquors, malt	7	15,295	549,277	72,500	144,750	162,193	30,310	61,912	77,612
33	Lock and gun smithing	4	7,960	6,305	.....	.....	1,900	1,555	25	2,825
34	Looking-glass and picture frames	12	50,630	27,990	.....	.....	3,040	11,150	7,350	6,450
35	Lumber and other mill products from logs or bolts.	3	380	268,073	103,000	12,906	25,700	40	94,083	32,350
36	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	6	19,790	619,299	101,500	52,000	70,500	197,852	67,656	129,791
37	Marble and stone work. (See also Monuments and tombstones.)	8	5,740	55,650	14,675	1,725	3,600	15,750	9,500	10,400

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, 1; bottling, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; carpets and rugs, other than rag, 1; clay and pottery products, 1; cooperage, 1; cotton goods, 1; dyeing and cleaning, 2; dyeing and finishing textiles, 1; electric light and power, 2; fertilizers, 1; flouring and grist mill products, 1; furniture, chairs, 2; gas, illuminating and heating, 1; gunpowder, 1; hats and caps, not including wool

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEWBURG, 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.	
$3,515	$1,046	$213	$211	$110	.....	$400	$1,535	29	$19,588	7	$5,340	.....	.....	15
1,451	624	265	73	314	.....	.....	175	206	132,390	18	15,560	.....	.....	16
291	50	28	12	.....	.....	.....	201	6	3,052	1	800	.....	.....	17
2,708	2,150	184	109	65	.....	.....	200	49	15,682	3	1,400	5	$2,974	18
814	514	65	76	95	.....	.....	64	22	10,686	4	2,750	2	1,200	19
1,452	815	95	87	.....	.....	.....	455	20	18,012	5	6,624	.....	.....	20
6,091	2,744	200	657	.....	.....	600	1,890	90	66,530	14	13,100	.....	.....	21
1,870	1,200	80	80	.....	.....	.....	510	13	7,516	5	3,700	.....	.....	22
4,499	1,422	860	467	.....	.....	.....	1,750	66	50,619	13	11,040	.....	.....	23
644	490	.....	54	.....	.....	15	85	6	2,590	2	1,090	.....	.....	24
10,426	2,180	272	324	800	.....	200	6,650	103	51,792	11	10,948	1	156	25
1,343	1,130	49	54	50	.....	.....	60	9	5,648	4	3,100	.....	.....	26
1,000	670	.....	155	.....	.....	150	25	90	14,187	1	1,250	1	300	27
1,808	526	1,210	48	.....	.....	.....	24	12	4,055	4	1,600	.....	.....	28
1,842	1,280	.....	42	.....	.....	.....	520	22	10,862	11	4,800	.....	.....	29
205,907	15,977	48,272	15,972	29,500	.....	42,455	53,731	2,011	807,050	104	106,885	4	2,580	30

NEW HAVEN, CONN.

2,696,245	330,608	333,171	100,408	118,447	$809,050	172,012	831,649	17,864	10,096,820	1,767	1,822,729	191	88,215	1
1,562	740	69	127	.....	.....	150	476	17	9,602	3	3,000	.....	.....	2
676	396	25	40	.....	.....	.....	215	6	3,204	4	2,492	.....	.....	3
7,806	6,058	399	117	115	.....	217	900	151	100,965	51	41,362	.....	.....	4
12,298	11,075	30	102	.....	.....	35	1,056	173	74,927	123	54,260	.....	.....	5
16,517	2,800	815	612	2,400	.....	1,700	8,190	298	104,219	7	14,800	2	1,250	6
85,446	1,450	1,446	1,275	3,000	.....	3,000	75,275	387	224,999	8	22,050	1	700	7
35,891	14,762	1,011	1,112	6,112	.....	203	12,691	275	160,331	58	48,408	11	3,738	8
22,879	5,524	1,765	1,805	4,770	.....	1,057	7,958	642	468,659	88	89,112	1	104	9
293	240	.....	8	20	.....	.....	25	7	2,620	2	1,120	.....	.....	10
37,425	7,571	4,487	5,065	3,035	.....	6,297	10,970	404	256,584	50	53,354	1	520	11
105,663	16,075	10,344	11,176	3,850	.....	20,397	43,821	1,078	835,656	80	128,610	.....	.....	12
1,348	985	17	11	200	.....	.....	135	8	5,250	5	3,800	.....	.....	13
40,747	28,490	1,328	1,512	.....	.....	732	8,685	566	341,246	97	99,367	.....	.....	14
3,446	2,825	6	39	.....	.....	.....	576	249	76,566	4	3,860	66	33,325	15
3,586	2,460	56	133	175	.....	15	747	16	11,482	7	5,294	1	572	16
17,872	12,246	775	749	120	.....	1,420	2,562	132	66,787	35	24,246	10	2,887	17
2,256	250	327	624	400	.....	630	25	34	18,474	5	3,870	1	150	18
69,433	5,584	3,504	7,711	2,025	.....	26,993	23,616	1,785	619,581	22	45,773	9	4,175	19
3,199	700	389	515	.....	.....	750	845	105	53,740	5	4,700	.....	.....	20
474	136	.....	33	50	.....	.....	255	6	3,835	3	2,135	.....	.....	21
10,665	8,143	550	392	1,000	.....	.....	580	87	40,943	6	8,296	6	2,184	22
1,689	1,248	.....	36	.....	.....	30	375	22	13,928	9	6,024	.....	.....	23
1,105	734	.....	17	.....	.....	.....	354	7	5,845	5	4,345	.....	.....	24
729	475	6	23	.....	.....	.....	225	17	9,799	7	6,196	.....	.....	25
147	.....	60	47	.....	.....	.....	40	16	9,440	9	5,440	.....	.....	26
1,151	948	21	32	.....	.....	.....	150	8	3,074	3	1,800	.....	.....	27
72,445	2,850	10,915	7,063	13,408	.....	14,078	24,131	833	567,213	72	101,624	5	2,500	28
5,878	4,377	162	198	.....	.....	12	1,129	73	42,871	27	18,404	.....	.....	29
14,938	878	22	76	.....	.....	.....	13,962	32	11,905	4	3,385	.....	.....	30
898,556	7,912	17,108	4,255	2,170	803,690	9,062	54,364	829	494,603	145	124,120	14	5,390	31
133,222	1,300	83,573	2,190	7,768	.....	3,061	35,330	114	99,348	25	35,272	4	2,900	32
946	726	114	34	.....	.....	.....	72	12	7,542	4	1,830	.....	.....	33
5,834	4,610	124	232	10	.....	30	828	55	25,774	15	9,250	.....	.....	34
6,026	36	1,076	2,110	1,100	.....	1,600	104	67	37,544	4	7,100	.....	.....	35
50,854	1,880	2,925	5,129	1,250	.....	6,304	33,366	266	176,290	31	37,460	1	620	36
3,356	560	371	90	900	.....	200	1,235	68	37,281	8	5,567	1	234	37

hats, 2; ink, writing, 1; jewelry, 2; lime and cement, 2; liquors, malt, 2; lock and gun smithing, 1; looking-glass and picture frames, 2; mantels, slate, marble, and marbleized, 1; oilcloth, floor, 1; paints, 1; patent medicines and compounds, 1; roofing and roofing materials, 1; shipbuilding, 1; soap and candles, 2; tinsmithing coppersmithing, and sheet-iron working, 2; tobacco, chewing, smoking, and snuff, 1; wirework, including wire rope and cable, 1; woolen goods, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEWBURG, 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.
15	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	13	$8,840					8	$4,992	1	$416
16	Masonry, brick and stone	188	116,830								
17	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	5	2,252								
18	Millinery, custom work			41	$11,308						
19	Mineral and soda waters. (See also Bottling.)	16	6,736								
20	Monuments and tombstones	15	11,388								
21	Painting and paper hanging	76	53,430								
22	Photography	8	3,816								
23	Plumbing and gas fitting	53	38,679								
24	Printing and publishing, book and job. (See also Bookbinding, and blank-book making.)	1	600	3	900						
25	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	68	30,240	3	936	6	$624	14	8,888		
26	Saddlery and harness	5	2,548								
27	Shirts	4	1,100	8	1,017			2	1,000	74	9,520
28	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	2	475					6	2,880		
29	Watch, clock, and jewelry repairing. (See also Jewelry.)	11	6,062								
30	All other industries	771	366,210	272	65,772	130	20,682	565	196,533	159	47,638

NEW HAVEN, CONN.—Continued.

1	All industries	9,338	5,523,434	1,505	396,410	30	3,957	3,058	1,735,113	1,972	526,586
2	Awnings, tents, and sails	9	5,236	5	1,366						
3	Bicycle and tricycle repairing	2	712								
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	100	59,603								
5	Boots and shoes, custom work and repairing	33	13,156					17	7,511		
6	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	91	45,057	30	6,549			7	3,662	161	32,901
7	Brass castings and brass finishing	173	113,449	25	7,890			180	81,000		
8	Bread and other bakery products	183	102,877	21	5,050	2	258				
9	Carpentering	541	378,018					12	1,425		
10	Carpets, rag	1	300					4	1,200		
11	Carriage and wagon materials	193	109,068	3	1,091	3	310	137	88,134	15	4,031
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	591	401,206	1	450			403	304,490	3	900
13	Clay and pottery products. (See also Brick and tile.)	3	1,450								
14	Clothing, men's, custom work and repairing	65	33,424	13	4,558	2	342	278	170,357	110	32,898
15	Clothing, women's, dressmaking	2	730	172	38,283					5	366
16	Coffins and burial cases, trimming and finishing	8	5,616								
17	Confectionery	48	23,306	30	6,898			3	1,550	6	1,900
18	Cooperage	16	8,454					12	6,000		
19	Corsets	100	70,829	58	26,311			109	67,662	1,487	404,831
20	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	12	11,065	3	550			85	37,425		
21	Dentistry, mechanical	3	1,700								
22	Dyeing and cleaning	35	18,795	23	6,500	2	260	3	2,340	12	2,568
23	Electroplating	10	6,988	2	416			1	500		
24	Engraving and diesinking	2	1,500								
25	Engraving, wood	9	3,528					1	75		
26	Files. (See also Cutlery and edge tools.)	6	3,150					1	850		
27	Flavoring extracts	2	350	3	924						
28	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	684	423,725	4	1,664			68	37,700		
29	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, chairs; Mattresses and spring beds.)	42	23,623	1	96	1	78	2	670		
30	Hand stamps	11	4,830	17	3,690						
31	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	312	173,513	30	7,436			324	181,614	4	2,530
32	Liquors, malt	85	61,176								
33	Lock and gun smithing	8	5,712								
34	Looking-glass and picture frames	10	11,528	1	96			20	4,900		
35	Lumber and other mill products from logs or bolts.	63	30,444								
36	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	224	134,050					10	4,160		
37	Marble and stone work. (See also Monuments and tombstones.)	58	30,480					1	1,000		

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEWBURG, N. Y.—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.										
.....	.....	$19,316	$18,688	$128	.....	.....	$500	$59,280	$54,230	$5,050	15
.....	.....	46,394	46,384	10	.....	.....	.....	236,000	236,000	.....	16
.....	.....	3,975	3,954	21	.....	.....	.....	9,950	9,500	450	17
.....	.....	25,577	25,500	77	.....	.....	.....	53,200	50,500	2,700	18
.....	.....	7,641	6,206	285	.....	.....	1,150	28,094	28,094	.....	19
.....	.....	19,437	19,100	337	.....	.....	.....	57,000	47,500	9,500	20
.....	.....	92,850	92,850	.....	.....	.....	.....	185,100	184,000	1,100	21
.....	.....	8,500	7,100	.....	.....	.....	1,400	22,600	22,600	.....	22
.....	.....	74,360	74,300	60	.....	.....	.....	141,000	138,000	3,000	23
.....	.....	1,429	1,217	24	.....	.....	188	6,600	6,000	.....	24
.....	.....	23,315	21,520	495	$150	.....	1,150	98,670	98,074	596	25
.....	.....	3,295	2,940	55	.....	.....	300	10,370	6,190	4,180	26
.....	.....	19,845	18,160	15	300	.....	1,370	37,250	37,250	.....	27
.....	.....	4,636	4,163	66	.....	.....	407	14,047	14,047	.....	28
.....	.....	3,700	3,700	.....	.....	.....	.....	18,600	8,000	10,600	29
6	$750	1,528,832	1,318,346	79,935	.....	$21,768	108,783	2,944,945	2,920,745	24,200	30

NEW HAVEN, CONN.—Continued.

3	376	14,400,638	13,082,944	349,317	21,953	105,475	840,949	33,396,311	28,455,685	4,940,626	1
.....	.....	14,340	14,010	30	.....	.....	300	27,804	24,304	3,500	2
.....	.....	588	465	123	.....	.....	.....	5,500	1,500	4,000	3
.....	.....	33,784	30,693	2,055	.....	.....	1,036	159,786	.....	159,786	4
.....	.....	31,456	29,393	1,179	.....	.....	884	132,498	14,757	117,741	5
.....	.....	126,062	116,060	962	660	475	8,865	313,000	233,000	80,000	6
.....	.....	162,811	134,529	4,750	.....	2,500	21,032	548,694	493,694	55,000	7
.....	.....	465,062	410,797	8,683	.....	210	45,372	750,320	724,713	25,607	8
.....	.....	562,267	533,093	1,240	2,245	350	25,339	1,204,576	679,624	524,952	9
.....	.....	457	.....	30	.....	.....	427	4,850	.....	4,850	10
2	76	215,258	170,859	7,614	910	8,360	27,575	607,239	502,014	105,225	11
.....	.....	835,927	729,495	17,175	.....	.....	89,257	2,033,137	1,883,816	149,321	12
.....	.....	1,946	1,274	672	.....	.....	.....	11,200	11,200	.....	13
1	300	260,631	258,598	1,237	.....	.....	796	733,870	676,865	57,005	14
.....	.....	11,391	7,120	361	.....	.....	3,910	111,043	5,300	105,743	15
.....	.....	46,161	45,055	61	.....	.....	1,045	69,095	69,095	.....	16
.....	.....	142,750	124,626	1,689	500	1,550	14,385	274,676	274,676	.....	17
.....	.....	14,010	12,485	375	.....	650	500	37,900	35,400	2,500	18
.....	.....	1,045,430	1,038,400	6,415	200	50	365	1,920,867	1,878,467	42,400	19
.....	.....	32,865	22,265	1,120	130	8,500	850	107,900	104,000	3,900	20
.....	.....	1,068	999	29	40	.....	.....	6,930	2,380	4,550	21
.....	.....	33,943	30,045	3,727	.....	.....	171	101,800	96,500	5,300	22
.....	.....	1,015	1,287	240	332	25	31	18,882	5,332	13,550	23
.....	.....	278	228	40	.....	10	.....	8,560	6,500	2,060	24
.....	.....	1,029	954	60	.....	.....	15	12,531	9,831	2,700	25
.....	.....	2,496	1,566	180	500	245	5	14,941	5,441	9,500	26
.....	.....	6,856	6,000	41	.....	.....	815	12,200	12,200	.....	27
.....	.....	634,434	554,371	24,504	1,780	14,165	89,614	1,514,358	1,367,214	147,144	28
.....	.....	26,127	24,270	319	100	.....	1,438	90,199	31,249	58,950	29
.....	.....	13,173	10,982	66	.....	.....	2,125	45,471	45,221	250	30
.....	.....	688,057	637,577	33,444	936	3,900	12,200	2,426,907	2,426,907	.....	31
.....	.....	188,563	167,659	9,557	.....	587	10,760	528,740	519,555	9,185	32
.....	.....	1,906	1,826	55	.....	.....	25	17,043	1,285	15,758	33
.....	.....	32,976	30,752	146	150	.....	1,928	71,832	27,464	44,368	34
.....	.....	183,805	183,245	.....	.....	560	.....	239,280	238,100	1,180	35
.....	.....	570,461	565,700	11	700	2,850	1,200	995,710	991,136	4,574	36
.....	.....	26,422	24,650	1,579	.....	.....	193	72,046	47,060	24,986	37

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW HAVEN, CONN.—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.
38	Masonry, brick and stone. (See also Plastering and stuccowork.)	24	$17,250	$359,450	$23,100	$7,250	$89,720	$14,255	$110,800	$114,325
39	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	3	17,220	51,749	.....	.....	3,650	3,927	12,019	32,153
40	Millinery and lace goods	3	113,335	65,250	.....	.....	4,250	27,000	5,000	29,000
41	Millinery, custom work	14	53,860	34,935	.....	.....	2,785	23,850	4,975	3,325
42	Mineral and soda waters	4	20,450	19,268	2,000	500	12,000	3,200	168	1,400
43	Models and patterns	4	8,225	21,025	2,500	2,000	5,000	775	5,250	5,500
44	Monuments and tombstones. (See also Marble and stone work.)	6	5,790	53,219	11,155	3,750	1,960	2,447	15,002	18,905
45	Optical goods	3	12,485	2,685	.....	.....	1,050	900	50	685
46	Painting and paper hanging	36	89,105	112,830	975	1,150	10,440	34,640	12,295	53,330
47	Patent medicines and compounds	12	22,700	134,267	8,600	24,500	10,239	8,775	17,636	64,517
48	Paving and paving materials	8	7,000	87,888	11,000	2,525	26,263	2,300	5,800	40,000
49	Photography	15	87,175	31,855	.....	.....	20,750	1,730	2,025	7,350
50	Plumbing and gas fitting	35	87,500	196,450	5,000	9,000	22,715	52,420	29,585	77,720
51	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	23	131,720	254,013	.....	700	162,575	17,690	29,158	43,890
52	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	24	122,130	190,846	.....	.....	96,504	4,960	590	88,792
53	Rubber and elastic goods	3	3,600	128,750	9,000	15,000	20,435	35,505	26,100	22,620
54	Saddlery and harness	19	41,830	41,715	4,000	2,000	2,255	7,355	11,850	14,255
55	Shipbuilding	5	18,600	40,600	15,000	8,000	7,750	3,550	1,400	4,900
56	Shirts. (See also Furnishing goods, men's.)	3	20,000	18,875	.....	.....	2,600	3,050	1,175	12,050
57	Slaughtering and meat packing, wholesale. (See also Sausage.)	3	12,630	357,000	50,000	100,000	67,000	6,000	63,000	71,000
58	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	3	3,155	112,600	28,000	23,000	13,700	1,000	1,500	45,400
59	Soap and candles	3	9,000	13,200	750	750	2,350	2,700	1,350	5,300
60	Starch	7	7,800	94,879	6,000	6,100	9,400	22,453	31,367	19,159
61	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	12	28,160	34,436	400	400	5,350	7,945	3,275	17,006
62	Tobacco, cigars and cigarettes	37	70,375	151,511	6,260	4,800	4,775	36,421	44,585	54,730
63	Varnish. (See also Paints.)	4	11,030	57,588	1,000	4,000	11,020	12,975	24,225	4,368
64	Vinegar and cider	3	5,000	7,295	250	600	2,600	1,295	2,050	500
65	Watch, clock, and jewelry repairing	26	52,125	14,590	.....	.....	6,715	4,060	1,415	2,400
66	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	6	20,915	240,515	10,000	25,000	70,600	30,700	58,615	45,600
67	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	3,730	2,780	.....	.....	1,680	400	200	500
68	All other industries (a)	108	970,335	6,208,009	507,120	676,443	1,931,435	655,548	986,478	1,450,985

NEW ORLEANS, LA.

1	All industries (b)	1,961	6,832,004	26,319,277	3,362,558	3,766,675	8,432,158	2,815,026	3,120,920	4,821,940
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	7	28,500	7,970	.....	.....	2,570	1,485	2,815	1,100
3	Awnings, tents, and sails	4	22,125	20,610	.....	.....	1,850	7,000	1,350	10,410
4	Bags, other than paper	3	30,100	201,500	4,500	3,500	5,500	111,000	40,500	36,500
5	Baskets and rattan and willow ware	7	10,350	6,837	3,100	1,700	42	905	440	650
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	78	104,000	105,655	20,850	18,400	22,925	7,990	8,401	27,080
7	Bookbinding and blank-book making. (See also Printing and publishing.)	9	22,100	21,425	.....	.....	16,000	1,175	1,100	3,150
8	Boot and shoe uppers	5	6,450	9,755	3,600	3,000	1,250	660	645	600
9	Boots and shoes, custom work and repairing	208	337,450	170,739	28,900	36,700	20,841	11,850	30,535	41,913
10	Boots and shoes, factory product	17	91,750	293,244	22,700	25,800	61,125	57,986	55,193	70,440
11	Boxes, cigar	3	12,000	24,800	1,200	1,300	11,500	3,350	2,000	5,450
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	21,000	8,975	.....	.....	6,200	1,300	775	700
13	Boxes, wooden packing. (See also Lumber, planingmill products, including sash, doors, and blinds.)	6	11,200	99,650	13,000	15,500	41,150	11,700	4,725	13,575
14	Brass castings and brass finishing	3	2,000	14,500	2,000	1,400	4,700	1,400	1,300	3,700
15	Bread and other bakery products	156	521,525	588,738	90,900	113,550	89,918	105,445	12,707	166,218
16	Brick and tile. (See also Clay and pottery products.)	3	.....	130,328	57,300	23,000	32,213	1,740	11,575	4,500
17	Brooms and brushes	8	20,700	30,191	2,250	1,450	5,890	9,040	3,550	8,011
18	Carpentering	90	55,000	204,728	34,075	36,350	21,530	11,893	41,575	59,305
19	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	41	87,000	210,853	33,300	41,700	21,978	41,385	19,025	53,465

a Embraces agricultural implements, 1; ammunition, 1; baking and yeast powders, 1; bicycles and tricycles, 1; bookbinding and blank-book making, 1; boots and shoes, factory product, 2; boxes, cigar, 1; boxes, wooden packing, 2; brass, 2; brassware, 1; brick and tile, 2; bridges, 1; brooms and brushes, 2; buttons, 2; cars and general shop construction and repairs by steam railroad companies, 1; chemicals, 2; clock cases and materials, 1; clocks, 2; clothing, men's, factory product, 2; clothing, women's, factory product, 2; coffee and spice, roasting and grinding, 2; envelopes, 1; fancy articles, not elsewhere specified, 2; fertilizers, 1; firearms, 1; food preparations, 1; furnishing goods, men's, 1; furniture, chairs, 2; gas, illuminating and heating, 1; gas stoves, 1; hairwork, 1; hardware, saddlery, 2; hats and caps, not including wool hats, 2; instruments, professional and scientific, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 2; iron and steel, forgings, 1; iron work, architectural and ornamental, 2; kaolin and other earth grinding, 1; lamps and reflectors, 2; leather, tanned and curried, 1; lime and cement, 1; liquors, distilled, 1; lithographing and engraving, 1; mucilage and paste, 1; musical instruments and materials, not specified, 2; musical instruments,

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW HAVEN, CONN.—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.	
$11,606	$1,639	$781	$469	$1,600	.....	.....	$7,117	726	$453,224	43	$52,813	1	$600	38
7,398	1,550	356	200	500	.....	$300	4,492	33	22,705	7	8,630	.....	.....	39
9,385	6,800	280	545	100	.....	160	1,500	128	41,180	6	9,800	.....	.....	40
8,403	4,982	167	298	.....	.....	.....	2,956	83	29,651	8	7,040	17	7,679	41
5,132	1,900	157	102	1,050	.....	248	1,675	36	20,764	6	4,840	1	260	42
1,147	750	84	98	.....	.....	110	105	21	16,216	4	4,150	.....	.....	43
2,330	550	737	108	116	.....	160	659	45	26,390	9	8,051	1	260	44
1,256	1,030	47	56	.....	.....	.....	123	7	3,634	3	1,800	1	260	45
13,957	8,471	478	769	730	.....	100	3,469	276	186,366	45	35,247	2	1,040	46
46,219	1,816	638	1,980	350	$500	.....	40,935	511	352,455	26	37,064	.....	.....	47
15,348	630	213	168	5,300	.....	100	8,937	237	128,696	15	14,650	.....	.....	48
8,233	7,410	.....	233	.....	.....	.....	590	41	25,721	11	8,493	.....	.....	49
13,538	8,094	668	424	545	.....	.....	3,807	312	204,945	51	46,620	1	450	50
47,986	10,877	957	1,479	373	.....	1,946	32,354	259	105,978	38	42,316	1	300	51
66,482	9,917	695	1,606	1,700	.....	606	51,958	264	192,708	47	46,950	3	1,224	52
5,206	288	812	658	2,000	.....	738	710	89	39,310	4	6,200	2	800	53
4,857	3,815	126	344	.....	.....	.....	572	66	36,554	19	12,748	.....	.....	54
3,337	670	252	620	1,200	.....	45	550	97	40,700	4	3,920	.....	.....	55
2,656	1,900	26	105	.....	.....	.....	625	48	19,970	3	4,000	.....	.....	56
12,317	1,200	3,069	2,745	500	.....	2,000	2,803	308	147,458	10	9,844	.....	.....	57
22,059	300	1,021	769	3,500	.....	1,250	15,219	36	33,363	10	16,716	3	1,482	58
1,611	810	30	71	100	.....	.....	600	10	7,156	5	4,180	.....	.....	59
18,549	702	510	222	250	.....	125	16,740	60	27,783	17	13,815	.....	.....	60
4,185	2,605	166	175	250	.....	145	844	70	45,924	14	11,626	.....	.....	61
31,613	6,418	23,234	761	150	.....	100	950	226	131,017	37	30,191	.....	.....	62
2,974	993	260	732	100	.....	689	200	15	12,222	6	5,800	.....	.....	63
1,092	472	85	41	50	.....	.....	444	9	3,822	3	1,872	.....	.....	64
5,829	4,754	84	91	.....	.....	.....	900	50	30,928	28	16,868	.....	.....	65
16,422	1,830	950	642	1,100	.....	510	11,390	230	100,898	18	20,080	2	920	66
409	340	.....	34	25	.....	.....	10	5	5,100	2	1,600	.....	.....	67
628,351	80,051	152,473	29,233	42,980	5,760	64,707	253,147	4,721	2,527,261	237	306,989	22	11,691	68

NEW ORLEANS, LA.

3,295,077	592,757	775,029	260,421	374,183	1,800	86,417	1,204,470	25,221	10,887,584	2,664	2,502,033	215	110,439	1
2,366	2,274	53	39	.....	.....	.....	.....	20	7,362	3	2,280	6	2,436	2
2,461	1,880	156	125	.....	.....	.....	300	33	26,692	8	10,972	.....	.....	3
9,755	2,400	610	1,945	1,300	.....	3,000	500	95	38,904	6	6,800	.....	.....	4
1,102	924	126	52	.....	.....	.....	.....	17	8,029	4	2,107	.....	.....	5
13,975	11,005	902	526	1,267	.....	.....	275	276	160,204	74	55,506	.....	.....	6
2,926	1,986	80	208	402	.....	.....	250	54	26,609	11	10,430	.....	.....	7
1,012	512	170	30	300	.....	.....	.....	24	9,487	2	1,080	.....	.....	8
35,107	31,214	1,583	1,298	1,012	.....	.....	.....	596	257,193	199	106,849	.....	.....	9
11,653	8,766	315	1,437	525	.....	150	460	825	365,280	39	36,380	.....	.....	10
3,306	1,134	68	224	680	.....	.....	1,200	104	35,549	4	4,999	.....	.....	11
2,415	1,860	.....	235	120	.....	.....	200	85	22,059	6	4,692	1	1,040	12
6,504	1,176	.....	27	2,800	.....	.....	2,501	116	49,080	8	9,344	.....	.....	13
435	180	56	49	150	.....	.....	.....	19	9,466	2	1,848	.....	.....	14
102,590	49,544	7,508	6,790	2,697	.....	2,143	33,908	824	407,838	181	132,086	17	8,345	15
4,916	.....	1,463	313	1,500	.....	600	1,040	115	32,758	6	5,850	.....	.....	16
2,423	1,860	.....	393	50	.....	.....	120	73	36,836	9	8,586	.....	.....	17
9,164	5,222	1,679	1,403	260	.....	450	150	538	287,096	89	69,652	.....	.....	18
14,811	7,825	2,354	1,885	1,745	.....	322	730	292	158,081	48	40,703	.....	.....	19

organs and materials, 1; needles and pins, 1; oil, lubricating, 2; ordnance and ordnance stores, 1; paints, 1; paper, 1; paper goods, not elsewhere specified, 2; paper patterns, 1; perfumery and cosmetics, 1; photographic apparatus, 1; photographic materials, 1; pickles, preserves, and sauces, 2; plastering and stucowork, 1; printing materials, 1; regalia and society banners and emblems, 1; roofing and roofing materials, 2; sausage, 1; saws, 2; screws, wood, 1; silk and silk goods, 2; sporting goods, 1; springs, steel, car and carriage, 1; stamped ware, 2; steam fittings and heating apparatus, 2; stereotyping and electrotyping, 2; surgical appliances, 2; tools, not elsewhere specified, 2; toys and games, 1; trunks and valises, 1; umbrellas and canes, 1; watch and clock materials, 1; wire, 1.

b Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in New Orleans. 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.

NEW HAVEN, CONN.—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.
38	Masonry, brick and stone. (See also Plastering and stucco work.)	682	$399,811								
39	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	21	11,575					3	$1,500	2	$1,000
40	Millinery and lace goods	6	4,680	114	$26,556	2	$144				
41	Millinery, custom work	4	612	54	14,320						
42	Mineral and soda waters	20	15,664								
43	Models and patterns	17	12,060								
44	Monuments and tombstones. (See also Marble and stone work.)	32	16,501					3	1,578		
45	Optical goods	2	1,424					1	150		
46	Painting and paper hanging	222	146,599	1	400			6	3,080		
47	Patent medicines and compounds	415	294,193	67	20,640	2	358			1	200
48	Paving and paving materials	218	110,806					4	3,240		
49	Photography	22	12,600	4	1,978			4	2,650		
50	Plumbing and gas fitting	260	157,875								
51	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	154	100,496	42	15,666	1	200	15	4,500	8	2,500
52	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	115	78,118	10	4,616	1	104	76	60,456	3	1,240
53	Rubber and elastic goods	46	20,300	7	1,920			30	10,000		
54	Saddlery and harness	43	22,878	2	728			2	200		
55	Shipbuilding	93	36,780								
56	Shirts. (See also Furnishing goods, men's.)	4	4,060	29	9,950					12	2,020
57	Slaughtering and meat packing, wholesale. (See also Sausage.)	298	137,614								
58	Slaughtering, wholesale, not including meat packing. (See also Sausage.)	22	14,645	1	520						
59	Soap and candles	5	2,976								
60	Starch	34	12,220	9	1,748						
61	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	56	34,298								
62	Tobacco, cigars and cigarettes	18	5,147	37	9,017	1	75	132	86,887	1	300
63	Varnish. (See also Paints.)	9	6,422								
64	Vinegar and cider	6	1,950								
65	Watch, clock, and jewelry repairing	18	10,010					4	4,050		
66	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	125	59,718	33	7,880	2	300	50	12,000		
67	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	3,500								
68	All other industries	2,615	1,469,314	644	160,743	11	1,528	1,050	540,597	142	36,399

NEW ORLEANS, LA.—Continued.

1	All industries	10,541	5,207,624	2,596	576,835	402	49,701	4,702	1,849,534	3,962	581,336
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	2	492	9	2,154						
3	Awnings, tents, and sails	25	15,720								
4	Bags, other than paper	23	11,002	42	16,952	7	1,050				
5	Baskets and rattan and willow ware	13	5,922							10	2,000
6	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	196	103,744			5	754	1	200		
7	Bookbinding and blank-book making. (See also Printing and publishing.)	35	13,995	8	2,184						
8	Boot and shoe uppers	18	8,009			4	398				
9	Boots and shoes, custom work and repairing	175	64,195	1	312	4	598	214	85,089	3	150
10	Boots and shoes, factory product	327	145,967	3	300	50	1,800	400	179,933	6	900
11	Boxes, cigar	21	9,087	2	146	7	325	10	7,500	60	13,492
12	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	23	7,779	31	4,948	6	792			18	2,808
13	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	98	37,656			10	2,080				
14	Brass castings and brass finishing	17	7,618								
15	Bread and other bakery products	547	251,001	14	4,992	23	3,324	12	6,750	30	1,340
16	Brick and tile. (See also Clay and pottery products.)	94	25,325					15	1,583		
17	Brooms and brushes	32	14,002			3	468	20	13,780		
18	Carpentering	310	180,752					139	36,692		
19	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	234	113,242			2	104	8	4,032		

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW HAVEN, CONN.—Continued.

Average number of employés and total wages—continued. Piecoworkers—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.	
.....	.....	$315,600	$301,402	$1,048	$180	$50	$12,920	$886,077	$694,914	$192,063	38
.....	.....	50,960	50,195	90	65	10	600	96,214	96,214	.....	39
.....	.....	104,610	104,000	110	200	300	.....	200,000	95,000	105,000	40
.....	.....	63,762	61,060	252	.....	.....	2,450	110,276	53,787	56,489	41
.....	.....	14,491	7,856	131	.....	2,500	4,004	48,620	20,920	27,700	42
.....	.....	3,975	3,455	55	375	90	.....	28,000	23,000	5,000	43
.....	.....	10,468	9,989	379	.....	.....	100	48,903	44,789	4,114	44
.....	.....	3,923	3,000	23	.....	.....	.....	10,763	.....	10,763	45
.....	.....	96,955	89,494	333	.....	.....	7,128	336,177	160,710	175,467	46
.....	.....	165,402	136,415	943	.....	.....	28,044	685,677	685,677	.....	47
.....	.....	76,684	68,670	3,514	.....	2,250	1,650	236,264	62,000	174,264	48
.....	.....	15,015	13,175	215	.....	.....	1,625	64,000	64,000	.....	49
.....	.....	259,634	248,871	1,733	.....	50	8,980	535,526	210,164	325,362	50
.....	.....	71,122	59,944	737	2,490	.....	7,951	333,861	333,820	41	51
.....	.....	70,087	56,904	1,728	320	.....	11,135	376,012	376,012	.....	52
.....	.....	93,614	90,597	2,223	300	.....	494	149,500	148,500	1,000	53
.....	.....	23,418	22,933	243	.....	.....	242	77,052	49,127	27,925	54
.....	.....	79,205	78,965	15	.....	.....	225	132,035	98,865	33,170	55
.....	.....	8,088	7,876	.....	112	.....	100	38,050	38,050	.....	56
.....	.....	2,597,264	2,466,389	30,875	.....	.....	100,000	3,043,257	2,916,257	127,000	57
.....	.....	248,503	246,603	1,700	.....	.....	200	328,294	239,573	88,721	58
.....	.....	47,948	45,710	238	.....	.....	2,000	73,970	73,970	.....	59
.....	.....	147,739	141,383	516	90	2,500	2,750	299,625	299,625	.....	60
.....	.....	36,412	35,882	399	.....	.....	131	99,397	26,217	73,180	61
.....	.....	98,502	87,551	649	.....	.....	10,302	292,347	285,992	6,355	62
.....	.....	82,873	62,085	368	.....	.....	20,420	114,975	114,975	.....	63
.....	.....	8,070	6,363	132	.....	.....	1,575	14,988	14,988	.....	64
.....	.....	11,796	11,613	158	.....	.....	25	57,214	6,420	50,794	65
.....	.....	91,042	67,191	911	420	.....	22,520	229,282	225,527	3,755	66
.....	.....	1,131	800	.....	216	15	100	8,200	6,500	1,700	67
.....	.....	3,085,340	2,573,845	169,830	8,062	52,783	280,820	9,209,470	7,544,292	1,665,178	68

NEW ORLEANS, LA.—Continued.

73	$10,082	28,271,445	26,710,765	513,716	20,003	65,467	961,494	48,295,449	45,857,630	2,437,819	1
.....	.....	4,387	4,276	33	.....	.....	78	18,906	18,806	100	2
.....	.....	41,640	41,540	.....	.....	.....	100	85,500	63,625	21,875	3
7	1,100	579,175	578,115	720	240	50	50	669,945	642,945	27,000	4
.....	.....	3,325	3,320	.....	.....	.....	5	15,148	13,873	1,275	5
.....	.....	71,325	63,282	4,609	.....	700	2,734	309,821	228,665	81,156	6
.....	.....	6,708	3,634	140	.....	.....	2,934	41,582	41,082	500	7
.....	.....	31,871	31,868	.....	.....	.....	3	54,231	54,206	25	8
.....	.....	185,765	178,644	5	.....	.....	7,116	556,207	476,802	79,405	9
.....	.....	412,497	405,575	1,620	1,400	.....	3,902	968,017	964,487	3,530	10
.....	.....	49,177	49,152	.....	.....	.....	25	91,512	86,712	4,800	11
.....	.....	15,661	15,080	431	.....	150	.....	52,100	52,100	.....	12
.....	.....	75,063	72,331	1,322	.....	310	1,100	158,100	157,900	200	13
.....	.....	10,425	9,975	319	.....	.....	131	28,364	23,064	5,300	14
.....	.....	1,273,055	1,210,951	35,302	240	.....	26,562	2,114,146	2,082,946	31,200	15
.....	.....	16,850	.....	15,800	.....	.....	1,050	64,500	64,500	.....	16
.....	.....	65,520	64,240	655	.....	.....	625	122,179	121,879	300	17
.....	.....	419,727	406,370	12	.....	.....	13,345	849,477	780,184	69,293	18
.....	.....	112,838	105,186	2,450	692	.....	4,510	346,494	187,656	158,838	19

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW ORLEANS, LA.—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.
20	Cars and general shop construction and repairs by street railroad companies.	6	.....	$36,100	$13,000	$10,000	$4,850	$4,000	$250	$4,000
21	Clay and pottery products. (See also Brick and tile.)	4	$1,500	33,550	9,000	6,000	11,300	1,050	3,500	2,700
22	Clothing, men's, custom work and repairing	77	229,945	194,715	27,750	19,125	8,040	92,055	15,770	31,975
23	Clothing, men's, factory product	26	344,755	1,169,927	47,400	48,900	43,991	249,928	392,260	387,448
24	Clothing, women's, dressmaking	64	126,440	70,396	30,850	23,700	5,640	1,625	2,246	6,335
25	Clothing, women's, factory product	12	87,500	36,420	3,000	3,000	3,570	10,100	9,050	7,700
26	Coffee and spice, roasting and grinding	6	39,725	59,075	4,500	4,000	17,600	5,062	975	26,938
27	Coffins and burial cases, trimming and finishing.	7	12,000	27,935	8,500	8,500	1,355	2,930	1,975	4,075
28	Confectionery	16	133,520	103,511	26,200	22,500	13,203	8,103	16,145	17,360
29	Cooperage	71	158,650	381,451	74,550	66,400	21,355	51,758	79,531	87,857
30	Cordials and sirups	5	4,400	21,133	6,150	5,650	1,420	1,790	4,973	1,150
31	Corsets	5	12,675	3,190	.....	.....	680	1,725	35	750
32	Cotton, cleaning and rehandling	7	30,000	25,500	7,000	7,000	2,000	.....	2,000	7,500
33	Cotton, compressing	14	911,765	1,528,000	420,000	508,000	546,000	.....	.....	54,000
34	Cotton, ginning	3	6,125	9,400	.....	2,000	7,000	400	.....	.....
35	Cutlery and edge tools	13	25,800	12,040	.....	.....	9,050	455	1,095	1,440
36	Dentistry, mechanical	7	17,550	13,265	3,000	5,000	4,900	65	.....	300
37	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	6	21,000	13,127	6,500	4,500	285	500	767	575
38	Dyeing and cleaning	14	29,800	24,158	7,700	8,700	4,230	678	1,320	1,530
39	Electroplating	3	11,225	29,400	6,000	4,000	10,400	3,500	2,500	3,000
40	Engraving and diesinking	3	10,100	2,545	.....	.....	900	110	400	1,135
41	Flags and banners	3	24,000	7,275	.....	.....	250	3,025	3,500	500
42	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	34	124,060	1,508,180	285,600	178,200	393,493	115,713	190,495	335,688
43	Furnishing goods, men's. (See also Shirts.)	10	43,200	109,050	1,300	2,000	7,185	32,340	34,935	31,290
44	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	52	101,300	67,509	6,300	6,050	5,778	25,393	8,937	15,051
45	Furniture, factory product	5	2,000	103,310	13,300	10,350	29,045	12,215	21,400	17,000
46	Hairwork	12	28,925	15,630	3,000	3,000	965	3,350	2,540	2,775
47	Hats and caps, not including wool hats	3	5,375	5,310	1,750	1,750	1,575	200	35	.....
48	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	3	10,500	106,600	2,000	8,000	57,000	5,000	10,100	14,500
49	Ice, artificial	5	.....	739,000	237,000	103,000	295,000	2,000	6,000	96,000
50	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	9	26,225	85,550	8,000	6,000	22,800	4,400	18,200	26,150
51	Jewelry. (See also Watch, clock, and jewelry repairing.)	3	19,000	53,540	.....	.....	3,050	4,450	15,040	31,000
52	Leather, tanned and curried	4	1,500	35,060	4,800	6,200	3,300	4,200	7,060	8,900
53	Liquors, malt	8	9,850	3,188,232	450,000	920,000	1,082,600	90,750	455,182	189,700
54	Lithographing and engraving. (See also Photolithographing and engraving; Printing and publishing.)	3	21,335	87,700	5,000	5,000	43,000	16,700	500	17,500
55	Lock and gun smithing	22	30,205	28,605	5,300	6,000	9,125	1,570	3,220	3,450
56	Looking-glass and picture frames	7	31,450	11,236	.....	.....	511	5,615	2,050	3,060
57	Lumber and other mill products from logs or bolts.	10	10,060	1,077,430	201,500	84,700	174,300	214,780	198,900	203,250
58	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	17	66,920	840,675	140,500	67,000	156,150	211,300	119,250	146,475
59	Marble and stone work. (See also Monuments and tombstones.)	5	2,400	13,615	4,950	2,325	2,115	2,180	575	1,470
60	Masonry, brick and stone. (See also Plastering and stuccowork.)	22	10,015	43,604	5,605	10,300	1,805	2,310	4,184	19,400
61	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	20	36,515	54,550	7,700	11,300	3,520	13,025	8,636	10,360
62	Millinery and lace goods. (See also Artificial feathers and flowers.)	5	20,700	923	.....	.....	133	615	125	50
63	Millinery, custom work	44	202,510	222,135	58,900	68,900	2,001	40,890	16,910	34,534
64	Mineral and soda waters	8	47,950	66,845	4,000	4,000	36,900	7,720	3,550	10,675
65	Monuments and tombstones. (See also Marble and stone work.)	12	20,000	49,600	6,960	5,500	2,120	7,675	11,035	15,650
66	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials; Musical instruments, pianos and materials.)	4	5,070	22,440	8,000	12,000	375	415	650	1,000
67	Oil, cottonseed and cake	3	10,000	247,618	30,000	55,000	28,000	90,000	20,000	24,618
68	Painting and paper hanging	38	74,200	99,852	6,900	13,460	6,266	39,295	2,210	31,721
69	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	9	56,600	185,722	2,000	2,500	13,250	55,800	21,857	90,315
70	Paving and paving materials	11	24,925	96,887	1,400	1,500	29,008	19,960	1,601	43,418
71	Photography	23	145,225	48,003	1,150	1,700	25,450	4,095	6,633	8,975
72	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	3	18,000	38,440	450	450	7,800	16,020	5,020	8,700
73	Plastering and stuccowork. (See also Masonry, brick and stone.)	11	7,260	21,365	4,250	8,000	1,985	945	2,560	3,625
74	Plumbing and gas fitting	16	76,625	182,883	9,500	7,500	9,800	85,010	30,400	40,673
75	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	35	232,000	310,458	7,000	3,500	165,584	35,275	25,265	73,834
76	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	51	261,100	615,979	27,200	37,100	266,161	34,057	7,205	244,256

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW ORLEANS, LA.—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.	
$2,190	.....	$772	$368	$950	.....	.....	$100	54	$38,787	.....	.....	.....	.....	20
2,293	$120	.....	523	625	.....	.....	1,025	45	22,367	8	$5,844	.....	.....	21
24,286	21,000	1,449	1,239	90	.....	$100	408	322	210,884	74	61,110	4	$1,230	22
54,060	26,026	3,598	4,496	1,800	.....	460	17,680	3,686	612,421	90	100,106	13	5,080	23
14,206	11,868	1,023	640	75	.....	.....	.....	282	79,608	3	884	71	35,052	24
6,940	6,125	532	283	.....	.....	.....	.....	336	43,288	3	3,024	.....	.....	25
5,897	2,780	300	432	500	.....	.....	1,885	30	12,471	14	6,720	.....	.....	26
1,599	1,020	279	200	100	.....	.....	.....	22	11,264	9	6,192	.....	.....	27
16,637	10,014	1,902	823	2,686	.....	926	286	107	51,130	31	24,454	5	1,340	28
23,967	13,555	1,637	4,325	2,365	.....	780	1,305	665	299,333	67	46,414	.....	.....	29
2,081	396	766	219	350	.....	.....	350	23	16,140	9	8,688	.....	.....	30
1,063	1,014	5	34	.....	.....	.....	10	15	6,396	1	624	5	2,860	31
3,953	2,100	455	788	450	.....	.....	160	124	26,750	4	2,900	.....	.....	32
120,023	77,500	19,768	4,355	7,000	.....	.....	11,400	1,086	652,135	57	65,400	.....	.....	33
1,228	520	58	125	350	.....	.....	175	26	5,547	3	1,250	.....	.....	34
2,969	2,322	101	46	350	.....	.....	150	24	14,744	14	9,584	1	240	35
1,773	1,404	131	38	.....	.....	.....	200	8	9,529	7	9,009	.....	.....	36
1,896	1,680	150	66	.....	.....	.....	.....	11	9,328	5	5,620	.....	.....	37
3,809	2,532	496	231	500	.....	.....	50	41	19,738	12	8,292	3	1,500	38
2,645	1,010	.....	135	1,500	.....	.....	.....	35	19,330	4	6,936	.....	.....	39
930	924	.....	6	.....	.....	.....	.....	3	2,500	3	2,500	.....	.....	40
2,095	1,920	90	85	.....	.....	.....	.....	9	5,286	6	3,586	2	1,500	41
50,969	12,540	1,512	7,090	9,833	.....	7,868	12,126	1,077	721,879	95	121,053	3	1,650	42
5,735	3,024	244	667	.....	.....	.....	1,800	358	73,050	9	11,604	3	1,412	43
10,489	8,688	569	755	45	$200	.....	232	108	60,890	51	34,704	1	240	44
7,424	180	12	1,632	100	.....	5,000	500	95	47,754	8	6,794	.....	.....	45
2,952	2,314	284	94	35	.....	.....	225	33	10,193	8	4,707	4	1,314	46
669	376	135	58	100	.....	.....	.....	4	1,600	3	1,456	.....	.....	47
2,480	870	.....	910	700	.....	.....	.....	284	51,841	6	9,150	.....	.....	48
57,123	.....	3,855	1,756	10,032	.....	6,000	35,480	183	112,580	42	34,000	.....	.....	49
5,898	2,360	350	238	250	.....	2,500	200	94	55,579	11	10,790	.....	.....	50
3,025	1,420	400	205	.....	.....	.....	1,000	20	18,520	10	12,900	.....	.....	51
625	150	.....	175	200	.....	.....	100	20	12,360	3	3,936	.....	.....	52
839,331	900	279,400	15,531	168,500	.....	.....	375,000	282	270,884	103	132,672	.....	.....	53
13,200	1,920	240	840	200	.....	.....	10,000	70	50,268	10	17,900	.....	.....	54
3,138	2,728	226	149	10	.....	.....	25	38	19,967	20	14,729	.....	.....	55
3,340	2,988	125	177	25	.....	.....	25	18	7,748	7	3,874	1	150	56
41,248	1,800	4,650	9,100	7,798	.....	5,300	12,600	598	278,024	39	53,980	.....	.....	57
42,756	5,976	3,166	13,539	7,875	.....	1,500	10,700	577	372,030	64	73,104	2	3,300	58
1,366	240	61	15	.....	.....	.....	1,050	26	12,366	4	2,338	.....	.....	59
1,876	1,020	412	184	260	.....	.....	.....	295	182,522	22	18,150	.....	.....	60
4,472	3,286	446	525	190	.....	.....	25	104	40,498	21	12,308	.....	.....	61
1,647	1,552	30	65	.....	.....	.....	.....	18	5,248	1	1,200	4	1,700	62
20,775	16,708	2,300	1,277	100	.....	340	50	244	77,774	2	1,580	43	24,253	63
7,399	4,315	542	472	366	.....	218	1,486	66	41,933	18	15,478	.....	.....	64
2,957	1,900	405	202	450	.....	.....	.....	67	41,114	12	13,460	.....	.....	65
757	456	146	30	25	.....	.....	100	21	13,076	4	3,956	.....	.....	66
12,131	750	898	6,543	375	.....	2,400	1,165	129	69,522	12	19,870	.....	.....	67
9,164	7,048	1,296	720	.....	.....	.....	100	261	152,028	48	45,712	1	300	68
40,549	4,580	2,320	3,229	1,100	.....	1,200	28,120	86	48,560	24	25,444	.....	.....	69
6,445	2,244	127	233	699	1,000	654	1,488	83	50,130	12	10,305	.....	.....	70
18,278	11,618	396	589	175	600	200	4,700	92	58,287	21	20,801	5	4,300	71
2,173	1,620	68	385	100	.....	.....	.....	68	19,662	3	2,320	.....	.....	72
1,174	672	338	164	.....	.....	.....	.....	59	34,179	12	9,990	.....	.....	73
20,946	8,430	3,772	2,994	650	.....	.....	5,100	158	92,698	30	35,240	.....	.....	74
34,119	18,550	854	2,820	1,170	.....	600	10,125	334	203,997	69	73,501	1	260	75
296,758	20,788	5,263	4,396	3,776	.....	2,764	259,771	736	590,725	111	143,178	5	4,388	76

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW ORLEANS, LA.—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.
20	Cars and general shop construction and repairs by street railroad companies.	53	$38,547			1	$240				
21	Clay and pottery products. (See also Brick and tile.)	36	15,947					1	$576		
22	Clothing, men's, custom work and repairing	73	44,306	17	$4,528			152	99,238	2	$472
23	Clothing, men's, factory product	101	65,914	482	122,931	4	1,352	1,152	130,680	1,794	178,558
24	Clothing, women's, dressmaking			196	42,028	6	500			6	1,144
25	Clothing, women's, factory product	4	1,500	12	1,500			10	2,080	307	35,184
26	Coffee and spice, roasting and grinding	16	5,751								
27	Coffins and burial cases, trimming and finishing	11	4,664					1	360		
28	Confectionery	59	22,756	11	2,380					1	200
29	Cooperage	395	186,299			9	1,622	179	63,864		
30	Cordials and sirups	9	4,460			2	832	3	2,160		
31	Corsets			9	2,912						
32	Cotton, cleaning and rebandling	48	12,500	64	10,950	8	400				
33	Cotton, compressing	134	64,000					895	522,735		
34	Cotton, ginning	23	4,297								
35	Cutlery and edge tools	8	4,816			1	104				
36	Dentistry, mechanical	1	520								
37	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	6	3,708								
38	Dyeing and cleaning	16	8,050	8	1,464	2	432				
39	Electroplating	29	11,794					2	600		
40	Engraving and diesinking										
41	Flags and banners							1	200		
42	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	962	595,138			2	288	15	3,750		
43	Furnishing goods, men's. (See also Shirts.)	12	6,552	78	16,692					256	37,390
44	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	44	19,320	3	912	2	290	7	5,364		
45	Furniture, factory product	74	31,080					13	9,880		
46	Hairwork	3	1,392	16	2,480			1	150	1	150
47	Hats and caps, not including wool hats			1	144						
48	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	20	8,236	158	29,750					100	4,705
49	Ice, artificial	141	78,580								
50	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	81	44,477			2	312				
51	Jewelry. (See also Watch, clock, and jewelry repairing.)	9	5,056					1	564		
52	Leather, tanned and curried	17	8,424								
53	Liquors, malt	179	138,212								
54	Lithographing and engraving. (See also Photolithographing and engraving; Printing and publishing.)	48	26,832	7	1,716			5	3,820		
55	Lock and gun smithing	10	3,088			5	440	3	1,710		
56	Looking-glass and picture frames	10	3,724								
57	Lumber and other mill products from logs or bolts.	499	207,624	2	832			23	5,581	35	10,907
58	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	511	295,626								
59	Marble and stone work. (See also Monuments and tombstones.)	21	10,004					1	24		
60	Masonry, brick and stone. (See also Plastering and stuccowork.)	268	162,837					5	1,535		
61	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	63	23,440	9	2,210			11	2,540		
62	Millinery and lace goods. (See also Artificial feathers and flowers.)			13	2,348						
63	Millinery, custom work			147	38,833	1	100	9	2,808	42	10,200
64	Mineral and soda waters	45	26,123					3	332		
65	Monuments and tombstones. (See also Marble and stone work.)	44	22,904					11	4,640		
66	Musical instruments and materials, not specified. (See also Musical instruments, organs and materials; Musical instruments, pianos and materials.)	17	9,120								
67	Oil, cottonseed and cake	105	46,116	3	468	8	1,664	1	1,404		
68	Painting and paper hanging	194	98,976					18	7,040		
69	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	37	19,216	25	3,900						
70	Paving and paving materials	71	39,825								
71	Photography	49	27,152	11	3,504	1	50	5	2,480		
72	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	19	8,814	46	8,528						
73	Plastering and stuccowork. (See also Masonry, brick and stone.)	46	24,033	1	156						
74	Plumbing and gas fitting	121	56,196			7	1,262				
75	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	236	113,693			5	442	23	16,101		
76	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	341	240,225	38	16,960	25	4,846	215	180,768	1	360

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW ORLEANS, LA.—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.										
		$36,414	$35,721	$493			$200	$79,800	$51,840	$27,960	20
		8,916	4,635	2,256		$25	2,000	42,540	32,540	10,000	21
		203,740	203,061	135			544	498,046	480,883	17,163	22
50	$7,800	1,290,137	1,281,407	130	$3,470		5,130	2,174,747	2,174,747		23
		39,660	38,591	4			1,065	180,220	175,476	4,744	24
		120,246	119,996				250	198,978	198,928	50	25
		143,004	141,500	1,022	330		152	172,297	172,297		26
1	48	16,122	15,922				200	45,450	45,450		27
		125,373	119,343	3,935			2,095	237,853	237,853		28
15	1,134	335,879	331,593	456		360	3,530	810,611	738,298	72,313	29
		24,066	23,425	91			550	53,460	53,460		30
		4,250	4,250					12,266	12,100	166	31
								51,590	51,590		32
		28,032		26,969		375	688	981,552	955,892	25,759	33
		39,585	38,565	850		170		50,154	50,154		34
		1,944		446			1,498	25,767	21,252	4,515	35
		1,456	1,406				50	15,095	12,745	2,350	36
		5,816	5,047				769	20,633	20,633		37
		3,622	2,352	789	36		445	29,012	17,400	11,612	38
		9,971	9,340	595	36			38,394	2,590	35,804	39
		630	630					7,580	7,460	120	40
		12,305	12,295				10	22,784	2,684	20,100	41
		861,047	787,071	31,473	576	407	41,520	1,972,856	1,715,365	257,491	42
		204,304	203,728		576			355,395	355,395		43
		42,723	41,495	74			1,154	136,043	82,989	53,054	44
		53,747	48,305	992		450	4,000	144,157	143,557	600	45
		5,915	5,854	46			15	22,538	21,008	1,530	46
		955	762	193				4,160	2,060	2,100	47
		58,202	54,000	2,352	450		1,400	151,180	139,660	11,520	48
		87,020	20,120	62,500		800	3,600	365,430	365,430		49
		45,791	43,436	1,105		150	1,100	131,568	127,068	4,500	50
		8,042	7,900	100	42			42,000	32,000	10,000	51
		44,889	44,150	120			610	69,131	59,891	9,240	52
		592,562	414,521	60,261			117,780	1,905,760	1,905,760		53
		24,065	22,945	720			1,000	112,600	112,600		54
		3,937	3,859	70			8	32,029	8,658	23,371	55
		10,519	10,367				152	32,970	32,820	150	56
		850,576	827,551			13,625	9,400	1,406,177	1,392,877	13,300	57
		537,647	527,720	1,324		3,523	5,080	1,093,451	963,351	130,100	58
		11,925	11,725	100			100	34,065	32,250	1,815	59
		231,677	231,677					488,368	462,418	25,950	60
		64,739	63,374		470		895	143,729	138,249	5,480	61
		8,311	8,311					18,923	16,833	2,090	62
		169,877	169,069				808	350,813	335,783	15,030	63
		48,218	33,596	429	84		14,109	162,375	161,901	474	64
		67,797	67,447			250	100	130,904	90,554	40,350	65
		10,868	10,868					27,120	20,900	6,220	66
		256,495	239,459	8,746		565	7,725	421,388	420,228	1,160	67
		83,104	79,584				3,520	283,143	213,764	69,379	68
		76,072	73,514	1,058	600	300		274,936	274,936		69
		76,397	75,777	520			100	176,015	170,065	5,950	70
		24,953	23,469	108	600		776	117,400	115,400	2,000	71
		93,610	52,485	625		80	40,420	144,900	144,900		72
		23,024	22,649				375	73,407	67,982	5,425	73
		161,961	160,835	641		100	385	329,748	123,000	206,748	74
		113,342	99,036	1,734	1,524		11,048	436,223	433,773	2,450	75
		245,198	229,203	4,547	2,669		8,779	1,326,869	1,320,549	6,320	76

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW ORLEANS, LA.—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.
77	Rice, cleaning and polishing	14	$116,000	$970,400	$91,300	$141,000	$239,700	$99,000	$44,600	$354,800
78	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	20	42,900	125,051	7,500	2,700	8,230	22,200	8,796	75,625
79	Saddlery and harness	35	177,535	378,659	12,275	14,975	16,810	59,748	115,524	159,327
80	Sausage	13	16,667	31,243	5,050	7,050	9,870	1,711	1,287	5,675
81	Sewing machine repairing	5	10,737	2,520	.....	.....	520	1,750	50	200
82	Shipbuilding	5	8,500	28,095	825	4,150	6,060	1,450	10,660	4,950
83	Shirts. (See also Furnishing goods, men's.)	5	27,525	30,885	.....	.....	6,010	8,500	14,375	2,000
84	Soap and candles. (See also Grease and tallow.)	11	10,275	201,095	10,000	59,615	20,170	10,422	35,038	59,850
85	Sugar and molasses, refining	7	54,750	1,302,300	66,500	211,000	375,700	73,160	265,506	310,425
86	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	75	202,650	255,821	20,250	27,300	52,708	43,748	22,940	88,875
87	Tobacco, chewing, smoking, and snuff	5	47,075	115,238	3,500	5,500	15,050	15,275	15,213	60,100
88	Tobacco, cigars and cigarettes	77	273,575	379,302	9,200	11,300	40,036	139,855	75,492	103,419
89	Umbrellas and canes	5	11,000	1,790	.....	.....	1,155	250	370	15
90	Upholstery materials. (See also Woolen goods.)	4	3,600	33,275	2,900	3,050	7,600	775	2,400	16,550
91	Vinegar and cider	3	13,500	16,170	.....	.....	11,000	1,050	1,820	2,300
92	Watch, clock, and jewelry repairing. (See also Jewelry.)	60	117,250	85,009	8,500	9,050	31,225	8,674	14,110	13,450
93	All other industries (a)	67	291,100	6,026,208	548,668	536,715	3,597,354	206,023	443,776	603,672

NEWPORT, KY.

1	All industries	1,002	1,026,645	3,471,388	485,233	559,500	853,697	412,220	490,469	670,269
2	Awnings, tents, and sails	6	6,850	5,265	.....	.....	1,025	1,105	935	2,200
3	Baskets and rattan and willow ware	9	6,350	4,400	400	800	335	770	745	1,350
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	14	11,750	9,765	3,000	2,000	1,660	705	625	1,775
5	Boots and shoes, custom work and repairing	54	50,150	32,750	8,600	18,200	1,600	1,350	718	2,282
6	Bottling. (See also Liquors, malt; Mineral and soda waters.)	4	6,825	1,975	.....	.....	125	1,400	150	300
7	Bread and other bakery products	27	33,225	52,283	13,600	27,800	3,645	3,145	458	3,635
8	Brick and tile. (See also Clay and pottery products.)	8	16,380	31,175	12,500	3,550	5,050	530	5,970	3,575
9	Brooms and brushes	8	7,400	5,785	400	800	685	870	940	2,090
10	Carpentering	44	30,300	144,870	11,550	20,700	8,455	14,700	38,980	50,485
11	Carpets, rag	11	12,500	4,770	1,000	900	760	330	780	1,000
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	16,100	32,820	6,200	7,700	6,150	2,975	3,395	6,400
13	Clothing, men's, custom work and repairing	8	7,850	70,730	10,900	23,300	810	10,300	1,815	14,605
14	Clothing, men's, factory product	207	200,300	135,472	25,775	64,250	23,395	2,903	9,141	10,008
15	Clothing, women's, dressmaking	141	177,500	26,483	2,800	5,600	7,472	2,277	3,206	5,128
16	Clothing, women's, factory product	13	12,700	3,577	900	1,000	795	350	262	270
17	Coffins and burial cases, trimming and finishing	4	700	15,865	2,500	4,500	375	1,970	1,270	5,250
18	Confectionery	18	31,225	7,503	700	1,350	1,840	780	658	2,175
19	Cooperage	4	3,000	3,320	500	700	285	745	300	700
20	Cordage and twine	8	6,050	11,615	5,300	3,700	500	1,030	400	595
21	Corsets	6	5,550	1,005	.....	.....	290	345	165	205
22	Engraving and diesinking	3	2,200	1,185	.....	.....	380	90	140	575
23	Fancy articles, not elsewhere specified	3	2,760	500	.....	.....	160	65	110	225
24	Foundry and machine shop products	3	4,200	581,106	127,500	81,500	97,625	85,955	63,525	125,001
25	Furnishing goods, men's. (See also Shirts.)	3	5,300	3,270	.....	.....	450	535	965	1,320
26	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	8	8,800	4,410	500	1,200	380	355	695	1,280
27	Furniture, chairs	5	4,000	8,765	3,500	2,600	620	605	635	805
28	Hairwork	6	11,800	3,775	.....	.....	280	680	1,595	1,220
29	Hats and caps, not including wool hats	3	3,050	1,065	.....	.....	200	245	445	175
30	Lock and gun smithing	16	14,950	8,555	1,850	2,700	1,315	655	570	1,465
31	Lumber, planingmill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts; Wood, turned and carved.)	4	15,000	98,521	6,500	15,500	17,905	30,800	11,000	16,816
32	Marble and stonework. (See also Monuments and tombstones.)	6	9,400	21,500	4,400	2,800	1,620	2,750	4,100	5,830
33	Masonry, brick and stone. (See also Plastering and stuccework.)	72	39,600	406,780	66,350	63,250	38,005	38,530	120,875	79,770
34	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	7	7,925	9,640	2,500	3,200	485	925	1,075	1,455
35	Millinery, custom work	12	24,825	22,530	3,500	6,500	1,325	5,840	1,565	3,800
36	Models and patterns	5	4,500	2,245	.....	.....	530	455	485	775
37	Painting and paper hanging	46	41,000	54,890	8,300	15,800	4,375	10,700	5,275	10,440
38	Paving and paving materials	8	4,550	29,475	5,100	5,100	4,100	1,650	5,925	7,600

a Embraces ammunition, 1; artificial limbs, 2; bagging, flax, hemp, and jute, 1; baking and yeast powders, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; chemicals, 2; china, decorating, 1; coffins, burial cases, and undertakers' goods, 2; cordage and twine, 2; cork, cutting, 2; cotton goods, 2; drug grinding, 1; electrical apparatus and supplies, 1; engraving, wood, 1; fancy articles, not elsewhere specified, 2; fertilizers, 2; fireworks, 1; flavoring extracts, 1; flouring and grist mill products, 1; food preparations, 1; fruits and vegetables, canning and preserving, 1; galvanizing, 1; gas, illuminating and heating, 2; gas machines and meters, 1; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 1; house furnishing

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW ORLEANS, LA.—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.	
$80,238	$10,545	$7,873	$10,720	$31,800	.....	$15,500	$3,800	363	$102,950	50	$46,634	.....	.....	77
8,201	3,860	825	316	200	.....	.....	3,000	131	80,629	27	26,977	.....	.....	78
34,112	16,866	1,420	6,316	635	.....	8,875	.....	219	145,675	70	70,860	1	$120	79
3,441	1,500	377	404	320	.....	.....	840	62	21,504	17	10,472	.....	.....	80
1,075	1,020	.....	5	25	.....	.....	25	7	4,592	4	2,720	.....	.....	81
2,115	771	253	116	975	.....	.....	.....	25	20,684	7	6,192	.....	.....	82
5,584	2,340	214	255	225	.....	.....	2,550	529	55,210	6	7,210	.....	.....	83
4,581	924	477	1,990	660	.....	.....	530	83	46,908	25	20,140	1	200	84
489,018	4,966	28,783	92,325	50,450	.....	3,500	309,000	792	328,772	19	26,734	.....	.....	85
24,185	18,239	1,811	2,728	1,242	.....	.....	165	440	252,263	97	86,058	.....	.....	86
32,871	3,920	26,173	657	375	.....	96	1,650	171	58,451	16	11,845	.....	.....	87
263,865	23,363	234,696	4,711	70	.....	825	200	1,942	753,578	94	71,958	5	2,657	88
1,030	1,008	.....	22	.....	.....	.....	.....	7	2,482	3	1,650	.....	.....	89
895	240	245	410	.....	.....	.....	.....	64	22,038	6	5,552	.....	.....	90
2,968	1,215	266	337	.....	.....	.....	1,150	18	12,336	6	6,416	.....	.....	91
12,631	10,552	876	550	115	.....	10	528	123	90,374	54	47,688	.....	.....	92
231,418	21,831	104,063	24,414	37,453	.....	12,136	30,921	2,479	820,053	125	161,332	7	3,512	93

NEWPORT, KY.

335,404	87,047	70,835	13,041	16,411	.....	22,175	125,895	4,848	2,426,689	756	579,775	316	154,737	1
1,436	618	3	15	.....	.....	.....	800	24	11,140	7	5,360	.....	.....	2
1,135	570	35	5	.....	.....	.....	525	18	8,767	9	4,965	.....	.....	3
1,641	1,116	110	.....	.....	.....	.....	415	37	23,716	17	12,869	.....	.....	4
5,690	4,514	431	55	.....	.....	.....	690	81	40,053	56	31,376	.....	.....	5
614	614	.....	.....	.....	.....	.....	.....	11	4,472	4	2,392	.....	.....	6
5,839	2,990	700	89	75	.....	.....	1,985	60	20,432	21	12,760	6	3,070	7
6,493	1,638	344	72	614	.....	.....	3,825	111	30,552	8	3,374	.....	.....	8
1,549	629	38	22	.....	.....	.....	860	31	15,906	8	5,704	.....	.....	9
14,219	2,726	738	645	160	.....	90	9,860	186	137,269	48	42,770	.....	.....	10
1,141	869	27	4	.....	.....	.....	241	15	6,737	11	5,785	.....	.....	11
3,798	1,448	473	137	225	.....	75	1,440	66	51,758	12	13,100	.....	.....	12
2,228	706	750	182	.....	.....	.....	590	52	33,366	10	9,280	.....	.....	13
27,201	16,024	1,503	77	160	.....	.....	9,437	1,028	324,942	93	55,678	116	57,043	14
17,597	14,204	157	13	35	.....	.....	3,188	304	107,047	.....	.....	141	69,190	15
1,242	1,016	25	2	.....	.....	.....	199	28	9,035	.....	.....	13	5,891	16
663	70	172	43	78	.....	.....	300	11	7,164	7	4,630	.....	.....	17
4,630	2,498	54	48	.....	.....	.....	2,030	36	17,216	16	10,090	3	1,386	18
999	270	21	8	.....	.....	.....	700	13	4,954	4	2,299	.....	.....	19
990	522	97	16	25	.....	30	300	17	7,305	9	5,091	.....	.....	20
577	447	.....	.....	.....	.....	.....	130	16	4,965	.....	.....	6	2,895	21
685	220	.....	.....	.....	.....	.....	465	3	3,300	3	3,300	.....	.....	22
316	276	.....	.....	.....	.....	.....	40	5	1,926	.....	.....	3	1,718	23
51,158	420	2,852	3,430	9,190	.....	14,040	21,226	405	191,873	11	27,445	.....	.....	24
501	375	71	35	.....	.....	.....	20	25	7,931	2	1,600	1	500	25
1,159	796	30	23	.....	.....	.....	310	18	7,430	8	4,274	.....	.....	26
818	360	96	22	.....	.....	.....	340	15	8,846	5	3,718	.....	.....	27
1,168	948	40	30	.....	.....	.....	150	15	5,878	1	780	5	2,860	28
342	277	.....	.....	.....	.....	.....	65	7	2,822	1	800	2	866	29
2,038	1,346	86	17	.....	.....	.....	589	22	11,259	16	9,803	.....	.....	30
5,765	1,500	540	800	575	.....	.....	2,350	67	42,944	6	5,400	.....	.....	31
3,198	846	227	25	.....	.....	150	1,950	24	20,260	.....	.....	.....	.....	32
32,328	3,567	2,799	347	685	.....	90	24,840	553	375,472	76	71,449	.....	.....	33
926	715	101	15	.....	.....	.....	95	18	9,815	7	4,629	.....	.....	34
2,855	1,986	266	78	.....	.....	.....	525	32	12,309	2	1,404	10	5,405	35
850	405	.....	5	.....	.....	.....	440	5	3,745	5	3,745	.....	.....	36
8,959	3,698	490	88	83	.....	.....	4,600	159	85,435	52	34,742	1	234	37
4,647	455	228	89	25	.....	.....	3,850	59	26,511	9	7,860	.....	.....	38

goods, not elsewhere specified, 2; instruments, professional and scientific, 2; lightning rods, 1; mirrors, 1; models and patterns, 1; musical instruments, organs and materials, 1; musical instruments, pianos and materials, 1; paints, 1; perfumery and cosmetics, 2; photolithographing and engraving, 1; refrigerators, 1; scales and balances, 2; show cases, 1; silverware, 1; steam fittings and heating apparatus, 1; stencils and brands, 2; stereotyping and electrotyping, 1; timber products, not manufactured at mill, 1; trunks and valises, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 2; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW ORLEANS, LA.—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.
77	Rice, cleaning and polishing	305	$115,524	4	$348	4	$444				
78	Roofing and roofing materials. (See also Tin smithing, coppersmithing, and sheet-iron working.)	89	48,710			5	780	10	$4,162		
79	Saddlery and harness	97	53,393			9	980	42	20,292		
80	Sausage	37	9,784	8	1,248						
81	Sewing machine repairing	3	1,872								
82	Shipbuilding	8	6,180					10	8,312		
83	Shirts. (See also Furnishing goods, men's.)	7	6,160	65	15,340	6	1,100			445	$25,400
84	Soap and candles. (See also Grease and tallow.)	56	26,300			1	208				
85	Sugar and molasses, refining	756	292,798			4	728	13	8,512		
86	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	266	128,999	3	442	5	832	69	35,932		
87	Tobacco, chewing, smoking, and snuff	86	37,322	21	2,400	5	944	23	3,190	20	2,750
88	Tobacco, cigars and cigarettes	269	102,447	276	71,296	5	1,020	636	279,070	657	225,121
89	Umbrellas and canes	2	572	2	260						
90	Upholstery materials. (See also Woolen goods)	36	11,598	22	4,888						
91	Vinegar and cider	12	5,920								
92	Watch, clock, and jewelry repairing. (See also Jewelry.)	60	39,808	1	520	5	438	1	300	2	1,560
93	All other industries	943	402,715	727	129,979	141	15,358	370	81,212	166	26,545

NEWPORT, KY.—Continued.

1	All industries	2,300	1,232,859	681	159,263	21	3,333	435	222,780	334	73,376
2	Awnings, tents, and sails	7	3,330	6	1,250			4	1,200		
3	Baskets and rattan and willow ware	2	832					7	2,970		
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	19	10,747			1	100				
5	Boots and shoes, custom work and repairing	16	6,692					9	1,985		
6	Bottling. (See also Liquors, malt; Mineral and soda waters.)	7	2,080								
7	Bread and other bakery products	31	13,134	2	468						
8	Brick and tile. (See also Clay and pottery products.)	71	18,274			5	504	27	8,400		
9	Brooms and brushes	4	1,782	1	260			18	8,160		
10	Carpentering	138	94,499								
11	Carpets, rag	2	832					2	120		
12	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	53	38,308					1	350		
13	Clothing, men's, custom work and repairing	6	3,366					35	20,320	1	400
14	Clothing, men's, factory product	97	44,794	301	93,541			21	6,894	310	66,992
15	Clothing, women's, dressmaking			162	37,757					1	100
16	Clothing, women's, factory product			15	3,144						
17	Coffins and burial cases, trimming and finishing	4	2,534								
18	Confectionery	9	3,945	8	1,795						
19	Cooperage							9	2,655		
20	Cordage and twine	7	2,064			1	150				
21	Corsets			10	2,070						
22	Engraving and diesinking										
23	Fancy articles, not elsewhere specified			2	208						
24	Foundry and machine shop products	394	164,428								
25	Furnishing goods, men's. (See also Shirts.)	1	416	1	215			12	2,800	8	2,400
26	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	10	3,156								
27	Furniture, chairs	9	4,920			1	208				
28	Hairwork			9	2,238						
29	Hats and caps, not including wool hats	2	936	2	220						
30	Lock and gun smithing	4	1,248			2	208				
31	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts; Wood, turned and carved.)	60	37,284			1	260				
32	Marble and stone work. (See also Monuments and tombstones.)	24	20,260								
33	Masonry, brick and stone. (See also Plastering and stuccowork.)	477	304,023								
34	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	8	3,786					3	1,400		
35	Millinery, custom work			20	5,500						
36	Models and patterns										
37	Painting and paper hanging	72	36,174					30	13,869		
38	Paving and paving materials	50	18,651								

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW ORLEANS, LA.—Continued.

Average number of employés and total wages—continued. Piceworkers—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.	
		$3,056,750	$2,946,185	$34,314		$11,510	$64,741	$3,577,885	$3,538,687	$39,198	77
		90,973	89,638	247			1,088	215,918	112,038	103,880	78
		365,051	363,173	6	$720		1,152	660,683	628,038	32,645	79
		88,961	85,945	1,321			1,695	150,421	150,421		80
		2,960	2,960					11,800	1,800	10,000	81
		17,879	17,831	48				49,790	44,390	5,400	82
		155,280	154,500		780			233,000	233,000		83
		133,477	130,066	2,466		285	660	221,164	216,024	5,140	84
		10,595,433	9,994,560	140,373			460,500	11,737,323	11,736,323	1,000	85
		238,449	224,889	2,382	1,284		9,894	619,256	359,034	260,222	86
		128,728	126,608	1,570			550	282,080	277,080	5,000	87
		509,798	473,440	1,240	2,500		32,618	1,569,145	1,450,806	118,339	88
		1,320	1,305	10			5	5,720	1,618	4,102	89
		128,291	126,480	1,808			3	178,650	174,750	3,900	90
		12,964	12,420	534			10	40,415	40,415		91
		36,788	34,295	205	120		2,168	169,613	58,969	110,644	92
		1,682.117	1,577,990	45,156	564	31,342	27,065	3,360,023	3,252,915	107,108	93

NEWPORT, KY.—Continued.

5	$566	3,072,313	2,911,487	75,553		27,045	57,328	6,687,987	6,317,262	370,725	1
		7,350	7,350					23,400	23,400		2
		6,785	6,785					19,600	19,600		3
		12,235	11,730	480			25	43,550	40,200	3,350	4
		21,535	21,535					77,745	53,850	23,895	5
		10,600	10,200				400	20,000	20,000		6
		59,720	57,410	2,210			100	110,800	110,800		7
		7,420		7,390			30	54,600	54,600		8
		11,700	11,700					31,950	31,950		9
		267,975	267,925				50	494,200	464,700	29,500	10
		5,520	4,790	20			710	15,500	15,500		11
		69,758	68,053	970			735	140,500	77,740	62,760	12
		38,700	38,700					83,500	83,500		13
		414		364			50	440,800	439,800	1,000	14
		93,140	87,150				5,990	245,785	245,785		15
		1,000	1,000					13,350	13,350		16
		15,200	15,000				200	29,200	29,200		17
		15,665	14,900	765				44,360	44,360		18
		4,120	4,120					12,000	8,800	3,200	19
		12,275	12,250				25	23,480	17,520	5,960	20
		6,600	6,600					13,250	13,250		21
		750	300				450	6,100	6,100		22
		1,025	1,025					3,800	3,800		23
		602,596	566,712	32,704			3,180	922,014	829,584	92,430	24
		6,200	6,200					15,950	15,950		25
		4,275	4,275					15,075	12,400	2,675	26
		8,150	8,150					19,750	19,250	500	27
		3,750	3,750					12,500	12,500		28
		1,990	1,990					5,800	5,800		29
		5,725	5,595				130	22,255	12,800	9,455	30
		130,920	128,500	1,120			1,300	204,500	204,500		31
		45,000	45,000					79,100	79,100		32
		436,450	436,450					965,700	871,850	93,850	33
		9,950	9,950					24,500	24,000	500	34
		31,200	31,200					52,300	52,300		35
		3,210	3,210					9,900	9,900		36
4	416	104,500	104,270				230	232,150	232,150		37
		29,075	28,475				600	69,000	61,800	7,200	38

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEWPORT, KY.—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.
39	Photography	6	$10,000	$6,805	$500	$1,500	$2,550	$775	$270	$1,210
40	Plastering and stuccowork. (See also Masonry, brick and stone.)	12	7,950	22,070	3,900	8,100	1,960	1,295	2,525	4,290
41	Plumbing and gas fitting	15	19,700	33,983	1,200	4,000	2,665	4,815	8,345	12,958
42	Printing and publishing, book and job. (See also Bookbinding, and blank-book making; Printing and publishing, newspapers and periodicals.)	10	7,000	17,525	5,700	5,200	5,050	505	295	775
43	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	10	5,000	34,835	9,400	7,750	2,990	3,700	6,630	4,365
44	Saddlery and harness	5	4,000	12,275	3,200	5,000	575	625	1,675	1,200
45	Shipbuilding	21	9,400	21,480	7,950	7,950	1,400	1,875	1,277	1,028
46	Shirts. (See also Furnishing goods, men's.)	4	4,050	1,589	300	700	240	120	87	142
47	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	12	9,335	28,985	6,100	13,400	2,350	2,640	1,195	3,300
48	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	13	21,900	21,015	2,500	6,000	565	3,700	3,810	4,440
49	Tools, not elsewhere specified	5	3,615	1,740	.....	.....	590	185	325	640
50	Trunks and valises	3	4,000	1,630	.....	.....	340	240	325	725
51	Washing machines and clothes wringers	3	4,075	3,400	.....	.....	330	420	615	2,035
52	Watch, clock, and jewelry repairing	13	15,555	6,830	600	1,000	1,670	1,085	1,025	1,450
53	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	5	4,800	1,380	.....	.....	350	160	270	600
54	All other industries (a)	53	49,700	1,396,146	107,108	111,900	595,065	151,665	171,907	258,441

NEWTON, MASS.

1	All industries	193	314,075	4,393,807	284,125	543,539	1,037,612	470,560	952,240	1,105,731
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	10	6,400	28,745	8,225	5,600	2,850	1,950	170	9,950
3	Boots and shoes, custom work and repairing	6	5,500	1,220	.....	.....	510	272	28	410
4	Carpentering	25	23,800	434,935	8,300	9,500	14,400	22,390	280,850	99,495
5	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	13,000	32,925	5,500	6,000	5,900	3,115	2,910	9,500
6	Clothing, women's, dressmaking	33	50,650	17,933	1,750	4,500	2,170	3,250	2,585	3,678
7	Foundry and machine shop products	3	.....	296,212	21,100	33,500	75,700	48,126	53,500	64,286
8	Furniture, cabinetmaking, repairing and upholstering.	11	19,400	11,365	700	1,700	1,665	1,525	1,150	4,625
9	Lumber, planing mill products, including sash, doors, and blinds.	3	.....	81,675	12,000	17,500	18,675	11,300	8,900	13,300
10	Masonry, brick and stone. (See also Plastering and stuccowork.)	5	2,145	20,150	1,700	400	2,900	1,100	1,000	13,050
11	Millinery, custom work	8	16,850	12,850	3,050	4,200	110	3,050	255	2,185
12	Painting and paper hanging	16	26,100	36,425	1,100	1,850	3,975	6,775	6,075	16,650
13	Paper	3	.....	118,400	22,500	18,500	44,000	11,300	11,200	10,900
14	Plumbing and gas fitting	9	18,050	59,825	11,000	8,500	3,300	4,650	4,375	28,000
15	Saddlery and harness	8	16,550	11,785	3,000	1,000	740	970	1,775	4,300
16	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	6	18,875	15,215	.....	.....	2,250	1,400	475	11,090
17	All other industries (b)	39	96,155	3,214,147	184,200	430,789	858,467	349,387	576,992	814,312

NEW YORK, N. Y.

1	All industries	25,403	214,827,804	426,118,272	40,240,256	35,376,400	105,880,689	55,249,980	74,005,964	115,364,983
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	164	2,819,738	2,601,189	55,100	31,600	169,227	784,100	889,087	672,075
3	Artificial limbs. (See also Surgical appliances.)	7	83,938	42,356	.....	.....	20,400	7,575	7,175	7,200
4	Artists' materials	14	147,950	129,675	.....	.....	19,985	27,145	55,545	27,000
5	Awnings, tents, and sails	82	429,760	425,517	.....	.....	36,560	97,090	107,595	184,072
6	Axle grease	3	31,000	62,145	.....	.....	5,650	5,150	8,175	43,170
7	Bags, other than paper	15	183,050	426,654	.....	.....	75,120	142,353	93,755	115,426
8	Bags, paper	15	129,340	183,898	.....	.....	62,526	44,180	27,007	50,185
9	Baking and yeast powders	6	97,750	121,800	15,000	7,000	17,100	20,100	13,925	48,675
10	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	31	135,000	121,642	.....	.....	16,660	29,252	35,375	40,355

a Embraces artificial feathers and flowers, 2; bookbinding and blank-book making, 2; boots and shoes, factory product, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; buttons, 1; cigar molds, 1; clay and pottery products, 2; clothing, men's, factory product, buttonholes, 1; coffins, burial cases, and undertakers' goods, 2; electroplating, 1; flags and banners, 1; flouring and grist mill products, 1; furniture, factory product, 2; gold and silver, leaf and foil, 1; grease and tallow, 2; hand knit goods, 1; hand stamps, 2; ice, artificial, 1; iron and steel, 1; iron and steel, bolts, nuts, washers, and rivets, 1; ivory and bone work, 1; lamps and reflectors, 1; liquors, malt, 1; looking-glass and picture frames, 2; lumber and other mill products from logs or bolts, 1; mineral and soda waters, 1; monuments and tombstones, 1; mucilage and paste, 1; musical instruments and materials, not specified, 2; optical goods, 1; patent medicines and compounds, 2; printing and publishing, newspapers and periodicals, 2; show cases, 1; stencils and brands, 1; surgical appliances, 1; tobacco, chewing, smoking, and snuff, 1; tobacco, stemming and rehandling, 1; umbrellas and canes, 1; watch cases, 1; wirework, including wire rope and cable, 2.

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEWPORT, KY.—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.	
$1,759	$900	$50	$25	.....	.....	.....	$775	13	$7,498	6	$5,340	1	$208	39
3,860	715	280	40	.....	.....	.....	2,825	54	36,444	14	10,360	.....	.....	40
4,233	1,773	155	56	$40	.....	.....	2,209	56	38,002	18	15,072	.....	.....	41
1,125	560	229	36	115	.....	.....	185	21	12,286	9	6,379	.....	.....	42
2,358	450	309	99	55	.....	.....	1,445	32	19,205	8	6,114	.....	.....	43
839	354	171	39	.....	.....	.....	275	11	6,548	5	3,720	.....	.....	44
1,589	701	231	2	.....	.....	.....	655	27	14,904	21	12,088	.....	.....	45
374	324	15	.....	.....	.....	.....	35	11	4,004	1	780	3	1,560	46
2,624	840	364	45	.....	.....	.....	1,375	33	18,762	13	9,144	.....	.....	47
5,698	1,970	3,518	60	.....	.....	.....	150	31	15,496	12	6,558	.....	.....	48
645	325	.....	.....	.....	.....	.....	320	7	4,585	5	3,800	.....	.....	49
815	360	.....	.....	.....	.....	.....	455	6	4,265	3	2,400	.....	.....	50
444	366	38	20	.....	.....	.....	20	8	4,544	3	1,836	.....	.....	51
1,586	1,322	26	8	.....	.....	.....	230	22	13,894	14	9,644	.....	.....	52
597	432	.....	.....	.....	.....	.....	165	9	6,241	5	4,005	.....	.....	53
89,463	3,976	51,936	6,174	4,271	.....	$7,700	15,406	930	526,459	75	74,063	5	1,911	54

NEWTON, MASS.

243,663	25,173	24,724	21,271	56,423	.....	62,771	53,301	2,624	1,408,275	189	213,906	45	25,459	1
975	554	326	95	.....	.....	.....	.....	28	20,340	8	6,448	.....	.....	2
521	486	8	11	.....	.....	.....	16	9	5,668	5	3,172	.....	.....	3
3,612	1,995	469	464	260	.....	274	150	365	277,562	26	29,620	1	160	4
2,027	920	373	509	225	.....	.....	.....	42	28,122	8	6,084	.....	.....	5
4,349	4,256	32	61	.....	.....	.....	.....	125	43,015	.....	.....	31	17,982	6
20,038	.....	1,947	1,987	7,239	.....	7,865	1,000	224	122,926	9	10,613	.....	.....	7
1,783	1,659	68	56	.....	.....	.....	.....	21	12,772	10	7,904	.....	.....	8
2,893	.....	399	679	275	.....	1,440	100	84	59,710	6	7,372	.....	.....	9
533	192	60	6	200	.....	.....	75	57	38,204	8	8,540	.....	.....	10
1,548	1,332	119	71	.....	.....	.....	26	17	7,999	.....	.....	8	4,343	11
2,414	2,196	93	125	.....	.....	.....	.....	92	75,725	17	16,580	.....	.....	12
6,211	.....	1,029	1,331	3,511	.....	168	172	52	25,744	4	4,100	.....	.....	13
2,244	1,585	295	214	.....	.....	.....	150	79	48,822	13	11,780	.....	.....	14
3,148	1,339	57	227	25	.....	.....	1,500	22	12,847	7	4,888	.....	.....	15
1,638	1,556	35	47	.....	.....	.....	.....	24	16,286	4	3,484	3	1,924	16
189,729	7,103	19,414	15,388	44,688	.....	53,024	50,112	1,383	612,533	64	93,321	2	1,050	17

NEW YORK, N. Y.

59,991,710	19,134,359	8,112,881	1,890,079	2,913,924	$3,900,208	1,769,399	22,270,860	354,291	230,102,167	40,795	49,177,370	4,352	2,515,588	1
270,568	225,579	1,291	25,365	3,270	.....	290	14,773	5,588	2,326,852	344	469,889	32	18,442	2
7,659	6,715	.....	219	.....	.....	.....	725	78	62,112	17	23,100	1	500	3
20,658	11,836	.....	842	375	.....	.....	7,605	92	60,851	23	25,700	.....	.....	4
53,658	42,976	67	2,980	1,010	.....	328	6,292	699	533,178	124	144,244	2	920	5
5,656	2,790	.....	171	100	.....	2,460	135	17	17,065	8	10,909	.....	.....	6
37,200	18,305	.....	3,195	2,995	.....	6,005	6,700	466	195,714	42	51,800	5	2,184	7
15,012	12,934	.....	1,288	60	.....	.....	730	245	95,292	31	25,510	1	468	8
22,127	7,820	185	272	1,010	.....	.....	12,840	130	96,504	16	36,624	1	416	9
20,160	14,850	750	614	200	.....	1,250	2,496	297	169,599	49	45,350	.....	.....	10

b Embraces bicycles and tricycles, 1; bookbinding and blank-book making, 1; boxes, fancy and paper, 1; bread and other bakery products, 2; chemicals, 1; clothing, men's, custom work and repairing, 2; coffins and burial cases, trimming and finishing, 1; confectionery, 1; cordage and twine, 1; druggists' preparations, not including prescriptions, 1; dyeing and cleaning, 1; electrical apparatus and supplies, 1; fireworks, 1; fruits and vegetables, canning and preserving, 1; gas, illuminating and heating, 1; hosiery and knit goods, 2; perfumery and cosmetics, 1; photographic materials, 1; photography, 2; plastering and stuccowork, 2; printing and publishing, book and job, 1; printing and publishing, newspapers and periodicals, 2; roofing and roofing materials, 1; rubber and elastic goods, 1; shipbuilding, 1; shirts, 1; shoddy, 2; silk and silk goods, 1; starch, 1; tobacco, cigars and cigarettes, 1; watch, clock, and jewelry repairing, 1; worsted goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEWPORT, KY.—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.
39	Photography	3	$1,355	3	$595						
40	Plastering and stuccowork. (See also Masonry, brick and stone.)	40	26,084								
41	Plumbing and gas fitting	37	22,670			1	$260				
42	Printing and publishing, book and job. (See also Bookbinding and blank-book making; Printing and publishing, newspapers and periodicals.)	11	5,647			1	260				
43	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	19	12,020			5	1,071				
44	Saddlery and harness	6	2,828								
45	Shipbuilding	6	2,816								
46	Shirts. (See also Furnishing goods, men's.)			7	1,664						
47	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	19	9,402			1	156				
48	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	2	1,248			1	52	16	$7,638		
49	Tools, not elsewhere specified	2	785								
50	Trunks and valises	3	1,865								
51	Washing machines and clothes wringers	5	2,708								
52	Watch, clock, and jewelry repairing	8	4,250								
53	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	4	2,236								
54	All other industries	551	294,390	42	8,338	1	104	241	144,019	14	$3,484

NEWTON, MASS.—Continued.

1	All industries	1,659	959,751	544	153,932	61	8,003	27	19,500	99	27,724
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	20	13,892								
3	Boots and shoes, custom work and repairing	4	2,496								
4	Carpentering	338	247,782								
5	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	34	22,038								
6	Clothing, women's, dressmaking			94	25,033						
7	Foundry and machine shop products	215	112,313								
8	Furniture, cabinetmaking, repairing and upholstering.	10	4,768					1	100		
9	Lumber, planing mill products, including sash, doors, and blinds.	77	51,974	1	364						
10	Masonry, brick and stone. (See also Plastering and stuccowork.)	49	20,664								
11	Millinery, custom work			8	3,584	1	72				
12	Painting and paper hanging	75	59,145								
13	Paper	43	20,521	5	1,123						
14	Plumbing and gas fitting	66	37,042								
15	Saddlery and harness	15	7,959								
16	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	17	10,878								
17	All other industries	696	339,279	436	123,828	60	7,931	26	19,400	99	27,724

NEW YORK, N. Y.—Continued.

1	All industries	169,407	119,000,051	56,217	19,066,902	1,718	279,122	46,910	27,956,351	34,547	12,024,542
2	Artificial feathers and flowers. (See also Millinery and lace goods.)	558	276,065	2,355	780,691	10	1,500	223	82,400	2,066	697,865
3	Artificial limbs. (See also Surgical appliances.)	53	37,312	2	1,200						
4	Artists' materials	59	31,301	5	1,900			5	1,950		
5	Awnings, tents, and sails	417	328,853	136	52,511			15	5,480	5	1,170
6	Axle grease	9	6,156								
7	Bags, other than paper	114	63,928	162	41,144	4	624	2	832	71	17,886
8	Bags, paper	99	38,542	52	14,008	4	650	15	4,180	43	11,934
9	Baking and yeast powders	65	40,868	48	18,596						
10	Baskets and rattan and willow ware. (See also Whalebone and rattan.)	137	80,610	71	24,149	1	78	39	19,412		

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEWPORT, KY.—Continued.

Average number of employes and total wages—continued. Piecework—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.	
		$5,800	$5,800					$17,800	$17,800		39
		29,700	29,700					77,400	77,400		40
		42,440	42,400	$40				99,700	95,600	$4,100	41
		3,923	3,668	110			$145	20,100	20,100		42
		18,760	18,500	260				52,065	39,365	12,700	43
		5,800	5,800					15,500	12,300	3,200	44
		18,075	18,075					46,950	43,800	3,150	45
		2,000	2,000					7,700	7,700		46
		17,555	17,525	30				46,700	46,700		47
		11,629	10,203				1,426	37,610	37,610		48
		2,190	2,000	140			50	9,250	9,250		49
		2,575	2,575					9,200	9,200		50
		3,350	3,350					9,100	9,100		51
		6,640	6,640					26,350	18,350	8,000	52
		3,340	3,300	40				11,500	11,500		53
1	$150	806,058	707,701	28,910		$27,945	41,502	1,603,098	1,599,798	3,300	54

NEWTON, MASS.—Continued.

		2,175,249	1,946,829	58,137	$150	13,068	157,065	4,235,764	2,888,824	1,446,940	1
		6,968	6,320	648				35,296	9,196	26,100	2
		1,415	1,258	32			125	9,130	2,470	6,660	3
		232,069	207,778	726		170	23,395	612,725	553,197	59,528	4
		13,631	12,849	782				52,789	14,049	38,740	5
		82,214	65,226	261			16,727	153,387	151,102	2,285	6
		109,885	71,244	4,595		12,046	22,000	283,575	282,575	1,000	7
		9,237	7,937	20			1,280	27,911	16,058	11,853	8
		80,543	80,543					170,540	163,540	7,000	9
		50,629	50,604				25	99,832	81,332	18,500	10
		12,266	9,627	89			2,550	30,252	27,392	2,860	11
		28,677	26,718	34			1,925	122,304	29,313	92,991	12
		44,784	35,008	9,417			359	91,150	91,150		13
		25,323	22,434	589			2,300	91,080	59,680	31,400	14
		5,541	5,128	68			345	24,847	16,031	8,816	15
		5,254	4,084	220			950	28,824	11,884	16,940	16
		1,466,813	1,340,071	40,656	150	852	85,084	2,502,122	1,379,855	1,122,267	17

NEW YORK, N. Y.—Continued.

345	82,241	366,422,722	346,466,427	3,257,919	618,234	606,253	15,473,889	777,222,721	731,627,396	45,595,325	1
		4,153,243	4,132,811	4,449			15,983	7,953,065	7,952,315	750	2
		39,719	38,300	84			1,335	160,600	160,100	500	3
		68,898	66,218	180	900		1,600	183,100	181,100	2,000	4
		717,698	673,370	1,081	900		42,347	1,486,016	1,430,850	55,166	5
		18,875	15,800	450			2,625	52,500	52,500		6
66	17,316	1,704,918	1,647,645	2,576	480	8,500	45,717	2,076,225	2,064,025	12,200	7
		211,883	203,338	335	3,050	4,000	1,160	372,960	372,960		8
		366,939	346,760	229	850		19,100	591,240	591,240		9
		159,175	158,295	25			755	446,600	430,590	16,010	10

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
11	Bellows	3	$10,200	$1,950	.....	.....	$300	$500	$1,050	$100
12	Belting and hose, leather	14	244,455	1,155,070	$130,000	$127,000	81,550	47,589	500,746	268,185
13	Billiard tables and materials	10	208,425	153,170	.....	.....	7,365	26,155	83,050	42,000
14	Blacking. (See also Cleansing and polishing preparations.)	7	183,000	334,902	.....	.....	83,862	22,900	98,050	130,090
15	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	447	1,709,290	1,272,141	394,700	258,233	196,786	109,277	96,711	216,434
16	Bluing	3	6,000	1,705	.....	.....	250	510	265	680
17	Bookbinding and blank-book making. (See also Printing and publishing.)	192	2,406,600	2,599,836	60,000	35,000	1,109,012	288,456	538,902	568,466
18	Boot and shoe cut stock	14	75,533	114,595	.....	.....	7,440	9,930	26,925	70,300
19	Boot and shoe findings	5	58,100	158,890	7,000	4,000	9,290	54,100	24,000	60,500
20	Boot and shoe uppers	68	354,400	275,282	18,500	13,500	26,952	81,975	49,590	84,765
21	Boot and shoe uppers, materials furnished	13	28,275	5,520	.....	.....	3,225	130	125	2,040
22	Boots and shoes, custom work and repairing	2,620	6,365,610	1,563,567	47,950	32,800	278,441	194,939	520,555	488,882
23	Boots and shoes, factory product	76	1,361,214	2,033,273	.....	.....	449,310	292,983	376,124	914,850
24	Bottling. (See also Liquors, malt; Mineral and soda waters.)	22	171,000	208,280	.....	.....	40,090	39,360	17,625	111,205
25	Boxes, cigar	30	534,770	1,131,145	42,000	33,750	312,000	265,715	147,573	330,107
26	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	123	1,890,588	1,408,944	10,000	40,000	343,024	356,508	221,354	438,058
27	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	46	875,580	1,146,080	90,000	50,000	242,095	437,315	53,830	273,440
28	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	46	202,683	1,153,872	311,333	173,667	381,090	61,397	76,930	149,455
29	Brassware	33	347,330	384,895	.....	.....	146,460	46,000	96,675	95,760
30	Bread and other bakery products	1,004	5,975,183	3,457,212	593,450	477,628	820,643	600,072	173,441	791,978
31	Bronze castings. (See also Brass castings and brass finishing.)	5	117,000	189,100	12,000	4,000	47,500	14,800	83,200	27,600
32	Brooms and brushes	54	387,216	1,041,083	.....	.....	66,454	236,835	366,257	371,537
33	Buttons	20	218,080	356,575	.....	.....	192,430	64,940	51,605	47,600
34	Calcium lights	3	21,000	25,015	.....	.....	15,200	575	625	8,615
35	Cardboard. (See also Paper.)	3	94,000	260,000	.....	.....	105,000	53,000	52,000	50,000
36	Carpentering	816	3,810,788	5,050,727	678,575	387,525	713,175	456,225	1,104,242	1,710,985
37	Carpets, rag	9	37,500	10,360	.....	.....	1,425	575	2,350	6,010
38	Carriage and wagon materials	3	20,700	33,750	.....	.....	12,600	2,150	7,100	11,900
39	Carriages and sleds, children's	7	65,091	69,750	.....	.....	6,850	11,600	28,500	22,800
40	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	147	1,842,475	2,178,439	217,100	235,200	302,897	322,582	495,127	605,533
41	Cars and general shop construction and repairs by street railroad companies.	7	26,000	184,312	82,667	53,333	14,062	24,750	9,500	.....
42	Cars, street railroad, not including operations of railroad companies.	3	.....	916,038	380,000	160,000	60,000	114,000	115,000	87,038
43	Cheese and butter, urban dairy product	6	39,500	4,149	.....	.....	600	265	84	3,200
44	Chemicals. (See also Paints; Varnish.)	42	1,539,231	2,477,220	60,000	84,310	543,187	328,635	529,121	931,967
45	China, decorating. (See also Clay and pottery products.)	6	37,230	7,170	.....	.....	3,200	1,110	450	2,410
46	Chocolate and cocoa products	4	111,111	912,000	210,000	105,000	189,000	175,000	123,000	110,000
47	Clay and pottery products	5	204,000	234,200	28,000	64,000	59,000	12,100	37,300	33,800
48	Cleansing and polishing preparations. (See also Blacking.)	9	27,320	48,508	.....	.....	24,563	5,345	4,955	13,645
49	Clocks	4	72,600	137,600	.....	.....	19,100	37,200	71,800	9,500
50	Cloth, sponging and refinishing	7	201,000	139,300	.....	.....	75,500	3,500	31,800	28,500
51	Clothing, horse	5	65,750	57,850	.....	.....	7,450	12,400	17,000	21,000
52	Clothing, men's, custom work and repairing	1,736	12,331,540	6,311,300	138,500	111,500	313,967	2,609,665	836,473	2,301,195
53	Clothing, men's, custom work and repairing, materials furnished.	347	440,469	77,030	5,500	3,000	28,811	10,291	6,925	22,503
54	Clothing, men's, factory product	388	16,822,965	29,010,645	56,000	464,000	349,397	5,641,910	12,380,710	10,118,628
55	Clothing, men's, factory product, materials furnished.	1,097	1,988,866	878,862	30,000	39,000	309,377	97,456	123,677	279,352
56	Clothing, men's, factory product, buttonholes, materials furnished.	71	102,500	54,316	.....	.....	32,351	2,660	5,625	13,680
57	Clothing, women's, dressmaking	1,923	4,883,616	3,109,603	722,500	384,500	223,458	719,281	370,694	689,170
58	Clothing, women's, factory product	437	9,656,512	10,249,762	131,000	173,850	959,025	2,672,361	2,985,729	3,327,797
59	Clothing, women's, factory product, materials furnished.	304	670,092	248,806	15,000	10,000	116,475	19,824	16,710	70,797
60	Coffee and spice, roasting and grinding	35	1,274,571	1,710,220	55,833	56,167	290,000	564,520	242,200	501,500
61	Coffins and burial cases, trimming and finishing	149	740,511	508,073	53,500	40,300	110,184	52,145	29,164	222,780
62	Coffins, burial cases, and undertakers' goods	21	530,900	848,370	.....	.....	88,735	147,580	322,675	289,380
63	Confectionery	265	4,106,600	2,792,478	370,500	375,500	726,315	383,442	337,848	598,873
64	Cooperage	82	505,750	403,496	74,000	57,000	41,770	86,346	55,090	89,290
65	Cordage and twine	6	83,400	3,722,266	405,000	700,000	953,000	637,718	549,548	477,000
66	Cordials and sirups	11	150,875	252,625	.....	.....	57,050	70,275	37,450	87,850
67	Cork, cutting	19	60,000	40,130	.....	.....	11,935	9,215	13,565	5,415
68	Corsets	33	706,800	513,810	.....	.....	158,680	100,415	186,475	68,240
69	Cotton, cleaning and rehandling	3	30,000	30,175	.....	.....	475	5,850	17,350	6,500
70	Cotton goods. (See also Hosiery and knit goods.)	8	310,700	296,040	.....	.....	150,600	36,117	51,800	57,523
71	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	51	354,762	151,775	.....	.....	52,680	12,590	30,560	55,945
72	Dentistry, mechanical	283	1,727,300	627,263	107,500	71,500	256,600	35,795	28,296	127,572
73	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	177	1,131,290	461,677	30,000	10,000	87,953	149,554	78,365	105,805
74	Drug grinding	4	105,000	66,548	.....	.....	38,765	.....	.....	27,783
75	Dyeing and cleaning	62	359,300	197,443	41,000	33,000	58,416	6,782	23,935	31,310
76	Dyeing and finishing textiles	32	434,666	1,171,554	196,500	269,500	446,466	104,025	45,795	109,268

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
$942	$816	.....	$16	.....	.....	.....	$110	9	$4,423	4	$2,224	.....	.....	11
86,500	22,001	$6,985	10,397	$3,306	.....	$20,196	23,615	441	357,993	71	105,532	.....	.....	12
22,205	16,674	300	1,051	200	.....	.....	3,980	88	88,144	20	34,164	.....	.....	13
67,906	18,308	400	1,634	400	.....	2,566	44,598	255	199,419	45	84,039	.....	.....	14
218,324	188,022	7,899	3,911	5,846	.....	250	12,396	1,866	1,564,590	466	481,394	2	$1,092	15
655	600	.....	5	.....	.....	.....	50	7	3,560	3	2,000	.....	.....	16
466,827	216,594	1,328	23,931	9,633	.....	14,466	200,875	4,580	2,566,873	377	486,407	12	8,080	17
7,879	6,798	125	358	100	.....	.....	498	70	45,616	24	23,112	.....	.....	18
5,911	4,648	158	555	550	.....	.....	.....	160	49,798	17	14,632	1	520	19
33,202	28,352	826	985	728	.....	.....	2,311	340	206,158	73	70,789	3	2,820	20
2,382	2,262	.....	30	15	.....	.....	75	44	19,846	11	8,174	7	2,820	21
688,340	636,561	1,087	8,809	3,225	.....	1,596	36,162	5,599	3,045,981	2,702	1,610,045	24	10,446	22
143,285	95,285	1,575	9,904	3,233	.....	200	33,088	3,301	1,994,163	169	243,557	8	5,838	23
29,726	17,100	245	753	690	.....	300	10,638	177	106,505	40	40,886	.....	.....	24
163,626	53,477	6,764	14,230	20,145	.....	45,035	23,975	1,622	743,922	94	95,640	1	2,000	25
215,505	170,153	623	8,856	2,385	.....	1,095	32,393	4,220	1,905,201	231	314,048	9	4,548	26
140,779	87,558	5,307	8,704	11,705	.....	.....	27,505	1,121	747,715	91	124,046	2	1,280	27
55,410	24,322	7,939	3,530	12,095	.....	655	6,869	698	473,310	90	112,119	.....	.....	28
46,081	34,733	.....	1,998	260	.....	.....	9,090	615	406,925	61	82,900	2	1,458	29
971,158	717,022	22,432	16,132	39,209	.....	6,676	169,687	5,804	3,682,333	1,093	981,578	262	103,664	30
40,121	11,700	1,398	973	2,100	.....	6,400	17,550	122	110,384	13	22,560	1	364	31
66,488	46,466	43	4,169	616	.....	7,500	7,754	929	549,822	110	135,811	3	1,259	32
29,907	21,808	.....	1,389	202	.....	.....	6,508	487	254,377	36	62,580	1	364	33
2,624	2,100	.....	84	.....	.....	.....	440	27	21,238	6	7,038	.....	.....	34
16,900	9,400	.....	3,000	1,500	.....	.....	3,000	104	75,624	11	25,160	.....	.....	35
431,779	304,863	12,949	25,819	24,683	.....	12,292	51,173	6,745	6,356,814	965	1,191,897	2	780	36
3,485	2,778	.....	57	150	.....	.....	500	31	17,970	8	8,996	1	538	37
2,289	2,070	.....	29	.....	.....	.....	190	33	16,694	5	6,310	.....	.....	38
10,056	7,160	.....	746	100	.....	.....	2,050	73	60,391	13	23,884	.....	.....	39
319,288	221,097	35,459	15,843	10,060	.....	16,141	20,688	2,282	1,730,979	220	296,239	2	1,020	40
8,057	2,600	2,180	807	1,370	.....	.....	1,700	130	97,500	2	1,300	.....	.....	41
14,280	.....	6,080	4,675	2,050	.....	.....	875	395	207,940	7	20,300	.....	.....	42
3,965	3,950	10	5	.....	.....	.....	.....	37	28,392	7	6,700	2	1,120	43
884,142	102,646	10,604	11,167	13,566	.....	39,333	706,826	961	650,846	151	223,709	10	8,576	44
4,043	3,723	.....	120	.....	.....	.....	200	42	32,109	10	10,517	1	416	45
31,565	10,000	4,525	6,540	1,800	.....	1,200	7,500	466	269,015	33	37,996	1	600	46
19,692	6,965	1,818	1,075	5,200	.....	.....	4,634	182	114,380	11	15,904	1	250	47
5,309	2,732	.....	62	400	.....	75	2,040	33	21,821	13	12,445	.....	.....	48
13,967	5,808	391	618	.....	.....	5,000	2,150	188	116,612	8	12,048	.....	.....	49
27,143	20,100	20	3,123	.....	.....	.....	3,900	259	164,580	18	24,020	.....	.....	50
5,540	5,260	.....	280	.....	.....	.....	.....	87	44,716	7	12,280	.....	.....	51
1,319,374	1,109,830	2,933	24,023	5,184	$80,610	3,431	93,354	9,573	6,814,794	2,136	2,064,054	18	10,268	52
59,955	57,261	117	496	396	.....	.....	1,685	652	328,122	343	191,789	4	1,486	53
3,859,170	1,009,378	13,604	164,569	17,128	2,317,212	33,380	303,899	23,599	15,896,854	2,133	2,896,891	59	31,068	54
321,550	238,664	685	3,871	25,732	5,006	.....	47,502	13,830	6,569,199	1,130	913,410	33	14,314	55
16,475	11,275	.....	193	3,489	.....	.....	1,518	442	194,878	70	51,038	6	2,864	56
685,718	608,399	11,436	9,009	7,801	.....	300	48,773	8,048	3,597,596	271	229,742	1,854	1,151,474	57
2,001,331	772,521	10,002	92,743	28,292	842,360	20,220	235,193	19,213	10,143,547	1,348	2,069,067	134	86,405	58
118,874	80,41	137	858	9,846	.....	.....	27,622	5,578	2,507,483	310	254,700	18	8,852	59
208,437	89,220	3,558	10,679	7,775	.....	29,000	68,205	670	478,905	172	205,142	3	1,872	60
85,414	66,646	1,251	1,878	1,355	.....	50	14,334	414	330,555	180	197,645	4	2,492	61
79,035	53,090	.....	7,670	5,600	.....	200	12,475	701	467,390	63	113,586	4	2,600	62
448,024	328,528	8,370	18,912	9,631	3,510	12,080	66,993	3,369	1,542,455	440	446,390	156	59,661	63
60,160	40,460	1,685	2,331	2,042	.....	12	13,630	719	554,239	117	135,468	1	364	64
142,429	8,340	17,400	14,239	24,650	.....	44,000	33,800	2,321	889,250	52	103,160	.....	.....	65
53,221	12,070	1,650	1,386	.....	.....	2,280	35,835	103	72,052	29	34,584	4	1,600	66
7,895	6,606	.....	305	157	.....	.....	827	77	42,330	22	18,928	.....	.....	67
63,817	49,476	80	4,212	2,550	.....	.....	7,499	970	488,340	42	90,098	19	14,034	68
4,370	2,400	.....	460	25	.....	330	1,155	13	7,930	3	2,900	1	1,200	69
24,927	11,780	420	2,262	2,913	.....	612	6,940	251	122,178	12	14,820	.....	.....	70
34,113	28,381	.....	1,007	610	775	.....	3,340	296	229,683	61	71,746	.....	.....	71
190,025	172,730	1,406	2,296	700	.....	40	12,853	541	573,428	295	421,581	7	4,786	72
136,342	101,816	675	2,560	1,485	.....	.....	29,806	510	365,409	225	205,162	7	2,765	73
15,682	9,450	136	1,084	1,131	.....	367	3,514	61	44,414	9	14,000	.....	.....	74
37,193	28,744	1,820	1,214	2,430	.....	100	2,885	427	239,885	78	78,847	23	10,676	75
106,679	32,247	5,461	8,487	20,370	.....	340	39,774	981	640,494	53	66,776	2	1,812	76

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
11	Bellows	4	$2,024			1	$175				
12	Belting and hose, leather	370	252,461								
13	Billiard tables and materials	68	53,980								
14	Blacking. (See also Cleansing and polishing preparations.)	124	81,991	42	$17,692					44	$15,697
15	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	1,388	1,077,146	2	1,416	1	60	7	$3,482		
16	Bluing	3	1,300	1	260						
17	Bookbinding and blank-book making. (See also Printing and publishing.)	2,027	1,329,212	1,545	493,872	9	1,427	124	82,299	486	164,976
18	Boot and shoe cut stock	39	19,602	3	1,550					4	1,352
19	Boot and shoe findings	30	18,520	2	786	3	520	7	1,820	100	13,000
20	Boot and shoe uppers	155	90,349	84	32,828	3	832	14	5,888	8	2,652
21	Boot and shoe uppers, materials furnished	8	3,892	18	4,960						
22	Boots and shoes, custom work and repairing	1,668	860,263	62	21,754	4	515	1,133	538,490	6	4,470
23	Boots and shoes, factory product	1,319	854,648	420	164,142	1	156	930	560,016	454	165,806
24	Bottling. (See also Liquors, malt; Mineral and soda waters.)	110	58,241	26	7,228			1	150		
25	Boxes, cigar	969	438,302	338	103,110	6	1,018	63	34,834	151	69,018
26	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	1,246	735,110	1,541	487,951	16	3,034	217	59,133	960	301,377
27	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	967	581,079			2	416	59	40,894		
28	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	576	348,773	23	6,000	3	618	6	5,800		
29	Brassware	503	310,311	43	9,000	3	500	3	2,756		
30	Bread and other bakery products	4,012	2,456,470	343	107,440	23	4,395	70	28,422	1	364
31	Bronze castings. (See also Brass castings and brass finishing.)	93	78,920	1	260	2	280	12	8,000		
32	Brooms and brushes	364	192,057	148	41,663	2	250	259	162,058	43	16,724
33	Buttons	145	93,028	264	85,613	1	156	19	8,036	21	4,600
34	Calcium lights	21	14,200								
35	Cardboard. (See also Paper.)	53	37,464	40	13,000						
36	Carpentering	5,751	5,153,490			2	350	25	10,288		
37	Carpets, rag	7	3,012	2	600			12	4,512	1	312
38	Carriage and wagon materials	11	7,460	11	2,024	6	900				
39	Carriages and sleds, children's	51	34,072	2	800	6	1,560			1	75
40	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	1,989	1,384,008					71	49,712		
41	Cars and general shop construction and repairs by street railroad companies.	127	95,368					1	832		
42	Cars, street railroad, not including operations of railroad companies.	281	147,658	1	364			106	99,618		
43	Cheese and butter, urban dairy product	27	20,372	1	200						
44	Chemicals. (See also Paints; Varnish.)	417	273,262	220	77,540	2	220	37	27,204	124	40,335
45	China, decorating. (See also Clay and pottery products.)	15	11,244	6	2,132			10	7,800		
46	Chocolate and cocoa products	268	179,170	164	51,249						
47	Clay and pottery products	145	83,926					25	14,360		
48	Cleansing and polishing preparations. (See also Blacking.)	14	7,928	5	1,248			1	200		
49	Clocks	171	97,464					9	7,100		
50	Cloth, sponging and refinishing	241	140,560								
51	Clothing, horse	22	13,280	34	12,084			1	780	17	6,292
52	Clothing, men's, custom work and repairing	3,481	2,324,576	261	99,156	8	1,646	3,499	2,246,482	178	68,404
53	Clothing, men's, custom work and repairing, materials furnished.	173	79,837	48	12,467			63	38,419	21	4,124
54	Clothing, men's, factory product	5,201	4,175,170	1,318	497,987	7	1,372	8,349	5,617,722	6,532	2,676,644
55	Clothing, men's, factory product, materials furnished.	4,034	2,275,299	1,872	517,088	21	2,947	5,021	2,398,761	1,713	445,331
56	Clothing, men's, factory product, buttonholes, materials furnished.	120	50,997	149	40,842	2	344	69	32,161	26	7,632
57	Clothing, women's, dressmaking	364	233,415	5,126	1,778,289	25	4,076	136	91,718	272	108,882
58	Clothing, women's, factory product	3,455	2,396,495	6,732	2,522,092	27	4,286	2,451	1,436,412	5,066	1,628,790
59	Clothing, women's, factory product, materials furnished.	1,779	1,002,119	1,402	355,454	8	1,276	1,844	930,088	211	43,928
60	Coffee and spice, roasting and grinding	348	235,763	96	23,268	9	1,430	42	11,430		
61	Coffins and burial cases, trimming and finishing	216	127,934	1	156			12	2,128	1	200
62	Coffins, burial cases, and undertakers' goods	415	256,920	101	41,214	3	450	27	17,240	87	36,080
63	Confectionery	1,229	645,300	1,360	341,216	3	542	56	29,344	125	20,002
64	Cooperage	464	340,071			1	208	136	78,128		
65	Cordage and twine	1,089	454,656	855	254,838	25	5,096			250	69,700
66	Cordials and sirups	52	31,596	11	2,960	7	1,312				
67	Cork, cutting	48	21,218					7	2,184		
68	Corsets	104	82,152	792	294,352	3	1,200	8	3,924	11	2,580
69	Cotton, cleaning and rehandling	6	3,080	2	520					1	230
70	Cotton goods. (See also Hosiery and knit goods.)	99	65,478	134	39,880					6	2,000
71	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	232	157,209			2	520	1	208		
72	Dentistry, mechanical	209	133,819	20	10,032	1	144	8	3,034	1	32
73	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	199	131,118	77	26,024	1	150	1	250		
74	Drug grinding	51	30,232			1	182				
75	Dyeing and cleaning	182	100,040	137	47,722	6	2,000	1	600		
76	Dyeing and finishing textiles	785	520,280	100	41,812	12	2,950	4	3,744	15	3,120

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
		$4,700	$4,465	$10			$225	$10,570	$9,520	$1,050	11
		1,531,247	1,499,745	5,255	$1,500	$2,053	22,694	2,216,714	2,216,714		12
		210,425	203,845	105	750		5,725	377,800	365,500	12,300	13
		446,703	319,086	1,623	120		125,964	872,888	859,501	13,387	14
		722,936	634,847	32,346		65	55,728	3,054,341	1,884,160	1,170,181	15
		6,820	4,960	10			1,850	14,875	14,875		16
		1,973,657	1,822,623	16,582	19,451	100	114,901	5,833,887	5,439,887	394,000	17
		252,390	250,460	110	210		1,610	349,490	347,290	2,200	18
		181,954	169,200	550	484		11,720	309,000	295,000	14,000	19
		359,038	335,380	740		50	22,868	692,151	687,099	5,052	20
		545	180	95			270	27,584	24,784	2,800	21
		1,812,252	1,717,589	17,813			76,850	6,404,036	3,901,866	2,502,170	22
		2,473,015	2,256,743	6,983	10,820	500	198,469	5,306,411	5,083,011	223,400	23
		398,265	364,993	757	180		32,335	687,141	687,141		24
		1,149,741	1,050,024	11,752	2,820	4,000	81,145	2,291,764	1,881,764	410,000	25
		1,640,815	1,586,155	7,929	7,816	1,350	37,565	4,509,357	4,493,857	15,500	26
		1,715,646	1,668,594	13,359	3,748	1,875	28,070	3,084,300	3,044,300	40,000	27
		311,940	278,627	13,600	2,965	155	16,593	1,196,527	1,176,203	20,324	28
		343,096	328,136	4,308	4,397	300	5,955	1,036,280	1,025,060	11,220	29
		8,530,429	7,767,678	187,165		970	574,616	15,004,542	14,597,597	406,945	30
		72,537	66,710	2,777	800		2,250	291,500	291,500		31
		855,962	831,932	1,203	1,730	25	21,072	1,788,151	1,785,101	3,050	32
		128,577	116,434	771	2,612	1,500	7,260	577,800	577,800		33
		16,855	15,245	260	250	100	1,000	46,800	46,800		34
		356,050	354,000	1,500	550			570,000	570,000		35
		4,797,448	4,437,554	19,278	21,444	2,147	317,025	13,715,184	11,109,439	2,605,745	36
		15,490	14,320	60			1,110	42,730	42,730		37
		18,150	16,070	100	160		1,800	43,500	43,500		38
		126,665	124,810	355			1,500	248,575	248,575		39
		1,275,871	1,164,463	24,889	1,310		85,209	3,885,678	2,313,833	1,571,845	40
		86,218	82,787	2,081			1,350	221,693	73,943	147,750	41
		381,990	345,011	2,510			34,469	719,972	689,972	30,000	42
		107,313	107,163	100			50	152,688	152,688		43
		2,044,859	1,967,081	29,842	1,450	2,070	44,416	4,706,956	4,650,320	56,636	44
		6,346	5,586	730			30	44,475	43,175	1,300	45
		618,200	600,500	5,350		350	12,000	1,045,000	1,045,000		46
		70,288	40,871	25,517			3,900	275,145	230,145	45,000	47
		86,933	84,781	192	250	10	1,700	121,484	121,484		48
		185,305	178,800	305	1,200		5,000	346,700	346,700		49
		27,295	23,000	3,345	400	50	500	270,000	252,000	18,000	50
		55,600	51,000	100	200		4,300	133,000	133,000		51
1	$208	7,383,747	6,967,508	31,987		625	383,627	17,956,891	14,313,564	3,643,327	52
		18,953		3,923		5	15,025	483,588	429,000	54,588	53
		31,421,778	31,163,193	20,076	100		238,409	60,346,550	60,284,250	62,300	54
15	2,049	101,204		42,506			58,698	8,449,855	8,006,904	442,951	55
		27,712	100	1,728	144		25,740	296,375	280,425	15,950	56
		2,645,429	2,354,598	30,901			259,930	8,026,035	6,533,863	1,492,172	57
		20,814,765	20,502,950	26,778	3,874	1,150	280,013	39,682,666	39,324,998	357,668	58
6	1,066	53,623		11,156			42,467	3,096,620	2,796,273	300,347	59
		15,900,232	15,828,376	28,324	5,740	242	37,550	17,037,019	16,977,975	59,044	60
		472,423	452,166	1,912			18,345	1,137,900	998,260	139,640	61
1	200	613,663	577,795	9,368	500		26,000	1,315,255	1,265,255	50,000	62
		3,638,291	3,246,705	46,330	9,440	38,352	297,464	6,506,974	6,485,977	20,997	63
		359,096	354,192	755		10	4,139	1,274,746	1,073,896	200,850	64
50	7,800	2,431,634	2,265,518	44,116		22,000	100,000	3,750,559	3,750,559		65
		410,698	373,433	710	480		36,075	621,000	621,000		66
		53,612	53,030	96	160		326	119,635	119,635		67
		438,881	396,160	5,126	900		36,695	1,196,440	1,189,140	7,300	68
		80,031	80,000	16	15			91,245	94,245		69
		274,533	260,293	6,449	180	4,010	3,601	523,244	103,957	419,287	70
		108,459	87,662	3,515	5,437	55	11,790	475,599	428,599	47,000	71
		221,133	203,178	6,757		20	11,178	1,332,586	1,123,861	208,725	72
		367,801	346,140	2,818	300	50	18,493	1,116,334	1,104,611	11,723	73
		8,846		4,327		1,831	2,688	89,034		89,034	74
		84,425	75,223	4,918	341		3,943	446,249	261,680	184,569	75
		533,486	457,957	53,499	4,275		17,755	1,538,384	1,474,169	64,215	76

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
77	Electrical apparatus and supplies	48	$744,987	$5,695,147	$336,769	$421,770	$1,549,882	$498,162	$968,615	$1,919,949
78	Electric light and power	10	633,050	15,995,500	820,884	703,984	5,915,663	265,952	.....	8,289,017
79	Electroplating	55	308,037	177,416	.....	6,000	89,625	18,415	18,410	44,966
80	Enameling	11	41,316	25,154	.....	.....	8,221	6,507	6,326	4,100
81	Engraving and diesinking	125	417,063	273,156	8,000	27,000	106,630	23,291	41,970	66,265
82	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	42	632,755	815,585	.....	.....	515,525	75,515	92,175	132,370
83	Engraving, wood	83	161,900	57,835	.....	.....	17,415	5,438	8,790	26,192
84	Envelopes	12	215,500	363,132	45,000	30,000	114,050	39,750	42,032	92,300
85	Fancy articles, not elsewhere specified	94	543,700	696,682	64,000	58,500	171,414	177,344	93,003	132,421
86	Flags and banners. (See also Regalia and society banners and emblems.)	13	71,166	302,200	65,000	35,000	21,790	40,095	92,890	47,425
87	Flavoring extracts	19	154,100	235,073	.....	.....	21,935	43,215	60,607	109,316
88	Flouring and grist mill products	9	132,855	2,527,491	305,000	610,000	475,300	176,500	189,736	770,955
89	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	22	266,462	523,760	87,000	87,000	91,666	46,330	102,460	109,304
90	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	343	4,706,588	15,036,597	1,506,500	1,249,501	4,205,855	1,359,623	2,668,901	4,046,217
91	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	4	105,555	101,700	8,000	7,000	35,000	7,100	23,600	21,000
92	Fur goods. (See also Hats and caps, not including wool hats.)	225	3,228,925	4,767,886	.....	115,000	125,752	1,240,410	2,248,649	1,038,075
93	Fur goods, materials furnished	7	27,883	7,440	.....	.....	520	1,160	4,460	1,300
94	Furnishing goods, men's. (See also Shirts.)	135	3,030,429	2,762,063	.....	.....	183,550	1,023,291	751,560	893,662
95	Furnishing goods, men's, materials furnished	14	13,533	727	.....	.....	611	36	40	40
96	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	362	2,380,200	738,041	50,000	29,600	177,649	106,187	160,119	214,486
97	Furniture, chairs	14	430,428	449,580	43,000	40,000	47,175	77,125	146,280	96,000
98	Furniture, factory product	187	5,788,175	5,847,483	450,500	352,700	743,566	866,610	1,675,076	1,759,031
99	Galvanizing	3	90,000	91,700	.....	.....	18,500	11,900	40,300	21,000
100	Gas and lamp fixtures. (See also Lamps and reflectors.)	40	1,732,075	2,524,926	105,000	165,000	565,767	444,872	441,644	802,643
101	Gas, illuminating and heating	6	420,357	57,605,812	10,279,422	6,900,891	30,559,547	546,653	36,754	9,282,345
102	Glass, cutting, staining, and ornamenting	70	862,822	769,177	32,000	23,000	145,537	167,965	178,675	213,000
103	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	12	181,100	252,350	.....	.....	44,050	65,000	86,050	57,250
104	Glue	3	41,666	207,800	20,000	10,000	18,300	43,500	21,500	94,500
105	Gold and silver, leaf and foil	25	128,777	262,908	7,500	18,150	72,031	41,777	50,334	73,116
106	Gold and silver, reducing and refining, not from the ore.	9	94,777	197,050	.....	.....	23,800	36,850	56,100	80,300
107	Grease and tallow. (See also Axle grease; Soap and candles.)	5	22,833	184,237	30,000	25,000	28,450	26,025	590	74,172
108	Hairwork	58	375,890	297,583	36,000	19,000	10,412	82,973	72,578	76,620
109	Hand stamps	26	108,363	122,705	.....	.....	72,575	12,245	13,055	24,830
110	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	23	442,555	1,018,987	67,667	36,333	235,697	84,712	321,172	273,406
111	Hardware, saddlery	11	30,925	56,375	.....	.....	19,900	4,675	12,100	19,700
112	Hat and cap materials	23	177,088	273,379	.....	.....	41,461	93,093	44,675	94,150
113	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	217	1,996,000	1,655,563	25,000	20,000	187,727	446,910	416,451	559,475
114	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	27	519,633	619,875	7,500	7,500	159,900	106,280	154,145	184,550
115	House furnishing goods, not elsewhere specified	24	274,681	668,474	45,000	40,000	166,267	91,009	85,493	240,705
116	Ink, printing	8	59,636	155,912	.....	.....	26,250	19,400	29,200	81,062
117	Ink, writing	6	140,250	270,905	48,000	40,000	15,485	23,735	52,570	91,115
118	Instruments, professional and scientific	66	494,366	627,500	54,000	23,000	185,800	42,370	162,800	159,530
119	Iron and steel, bolts, nuts, washers, and rivets	5	79,733	180,471	.....	.....	106,674	8,520	24,579	40,098
120	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	80	1,139,511	2,322,930	519,350	315,618	425,795	283,292	252,760	526,115
121	Ivory and bone work	19	108,409	849,850	100,000	275,000	78,751	162,983	119,058	114,058
122	Japanning	6	22,818	12,625	.....	.....	2,650	1,200	2,225	6,550
123	Jewelry. (See also Watch, clock, and jewelry repairing.)	146	1,611,762	2,605,450	35,000	18,000	413,834	314,601	907,976	916,039
124	Jewelry, materials furnished	17	22,683	5,035	.....	.....	2,515	10	2,025	485
125	Jewelry and instrument cases	37	299,944	348,263	.....	.....	50,879	89,370	100,403	107,611
126	Kaolin and other earth grinding	7	61,900	508,925	200,000	40,000	161,300	22,075	14,100	71,450
127	Kindling wood	23	585,250	190,977	30,000	8,000	76,950	40,190	9,112	26,725
128	Labels and tags	12	143,625	167,450	25,000	15,000	75,750	9,025	22,325	20,350
129	Labels and tags, materials furnished	6	20,216	13,410	.....	.....	9,900	350	360	2,800
130	Lamps and reflectors. (See also Gas and lamp fixtures.)	33	621,222	665,381	7,500	4,100	240,350	89,105	117,925	206,401
131	Lapidary work	15	62,125	77,905	.....	.....	19,500	22,500	25,325	10,580
132	Lard, refined. (See also Slaughtering.)	3	381,700	755,745	10,000	30,000	66,000	180,628	242,379	226,738
133	Lasts	4	72,700	50,750	.....	.....	18,600	14,550	4,500	13,100
134	Lead, bar, pipe, and sheet	4	133,600	1,174,064	195,000	109,000	139,000	134,674	226,350	370,040
135	Leather goods. (See also Pocketbooks; Trunks and valises.)	51	386,575	848,650	50,000	34,000	104,200	151,345	252,775	256,330
136	Leather, tanned and curried	12	152,250	480,200	11,000	21,000	28,500	104,300	136,450	178,950
137	Liquors, malt. (See also Bottling.)	52	1,111,263	28,653,206	5,566,047	6,309,591	5,773,784	1,946,962	2,710,593	6,345,629
138	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	79	2,051,800	4,894,774	.....	150,000	2,655,923	319,883	801,328	967,640

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
$162,941	$59,599	$25,468	$13,786	$24,096	.....	$14,650	$25,342	2,319	$1,399,219	179	$240,490	9	$3,960	77
437,879	50,644	50,625	27,350	47,787	.....	.....	261,464	723	662,787	97	143,994	1	936	78
31,378	24,643	382	2,127	640	.....	.....	3,586	351	251,929	72	77,672	2	960	79
8,899	4,958	460	150	555	.....	.....	2,776	108	60,858	13	13,500	.....	.....	80
53,854	45,877	1,300	1,059	867	.....	.....	3,851	618	476,289	173	189,705	2	2,800	81
72,638	56,948	850	4,685	2,220	.....	390	7,545	744	517,482	66	87,818	5	1,820	82
20,379	17,800	.....	253	210	.....	20	2,087	276	244,931	90	104,844	.....	.....	83
81,241	17,240	1,575	2,522	2,620	.....	6,284	51,000	460	246,018	53	77,470	1	1,300	84
90,155	59,807	1,173	6,992	1,453	$1,500	2,000	17,230	1,327	743,561	186	194,827	35	22,536	85
10,824	6,405	814	1,115	615	.....	75	1,800	276	98,887	23	29,504	.....	.....	86
19,142	13,874	294	939	550	.....	360	3,125	135	93,032	40	43,500	2	676	87
134,528	9,300	9,238	29,455	38,729	.....	22,054	25,752	476	384,211	43	104,712	.....	.....	88
162,580	21,317	5,207	3,337	7,990	.....	590	124,139	432	247,514	83	87,089	3	1,560	89
1,154,721	423,593	50,765	54,614	106,455	.....	32,919	486,375	10,381	8,088,047	844	1,224,935	9	5,026	90
10,912	9,500	225	887	250	.....	.....	50	275	94,040	13	13,850	4	2,450	91
401,671	258,314	2,486	46,102	1,175	42,740	3,991	46,863	4,350	2,805,947	531	703,392	25	13,796	92
3,577	3,346	.....	96	10	.....	.....	125	27	18,784	6	6,440	1	1,000	93
390,853	212,130	506	21,419	1,145	63,300	3,225	89,128	5,501	2,641,300	428	608,186	11	4,115	94
1,686	1,624	.....	8	10	.....	.....	44	27	8,030	5	2,175	9	2,815	95
183,757	166,614	1,954	4,513	1,059	.....	1,700	7,917	1,256	932,548	401	368,847	3	2,520	96
42,555	30,130	1,126	4,162	2,495	.....	1,000	3,642	371	248,188	29	45,196	.....	.....	97
692,974	463,054	25,306	62,464	15,084	1,000	47,557	78,509	6,491	4,947,135	480	714,996	9	8,760	98
10,558	8,100	238	320	300	.....	1,500	100	142	87,850	20	25,500	.....	.....	99
271,029	138,566	24,698	10,974	12,989	3,000	30,153	50,649	2,034	1,364,782	202	287,165	7	4,060	100
1,671,581	29,425	639,061	4,082	756,956	.....	44,779	197,278	2,633	2,375,432	70	188,658	.....	.....	101
91,227	77,654	944	4,109	1,095	.....	600	6,825	1,189	862,650	141	199,052	1	1,000	102
25,857	18,110	.....	1,447	.....	.....	.....	6,300	378	235,540	23	42,880	2	832	103
32,088	3,750	209	515	4,104	.....	260	23,250	51	41,796	16	24,076	1	676	104
17,031	11,590	326	555	600	.....	.....	3,960	538	360,885	33	48,940	3	3,144	105
13,099	8,530	.....	534	435	.....	900	2,700	41	40,457	19	22,060	.....	.....	106
7,323	2,740	2,100	458	2,000	.....	.....	25	74	54,130	7	10,400	.....	.....	107
46,781	41,348	750	1,563	150	.....	.....	2,970	372	192,943	61	59,011	22	15,678	108
14,098	11,920	.....	906	600	.....	32	640	158	112,153	40	38,660	3	1,612	109
97,602	39,830	2,944	4,846	5,175	.....	23,100	21,707	871	564,187	93	123,834	2	1,520	110
4,151	3,711	.....	250	50	.....	.....	140	69	61,188	14	16,652	.....	.....	111
24,506	15,938	.....	1,768	1,902	.....	337	4,561	303	181,248	42	63,946	3	1,780	112
210,767	159,673	1,582	11,617	2,877	6,000	850	28,168	3,812	2,448,312	427	553,397	5	2,992	113
55,336	32,021	250	3,524	1,925	.....	1,500	16,116	1,278	420,284	47	51,838	6	3,634	114
48,881	30,215	965	3,057	5,757	.....	2,862	6,025	447	263,709	48	70,413	1	624	115
27,575	6,560	550	790	700	.....	.....	18,975	60	71,648	20	44,976	.....	.....	116
14,502	11,220	1,322	710	1,000	.....	.....	250	123	88,314	21	33,460	1	800	117
49,341	39,093	643	2,778	2,355	.....	1,200	3,272	577	457,369	110	139,756	3	1,575	118
18,869	7,176	1,576	795	1,379	.....	500	7,443	170	110,428	12	18,000	.....	.....	119
258,368	102,556	15,500	13,127	33,386	.....	37,804	55,995	2,958	2,084,658	206	260,198	.....	.....	120
34,703	18,525	1,000	3,191	3,794	.....	.....	8,193	402	256,790	25	30,853	.....	.....	121
2,852	2,510	.....	132	.....	.....	.....	210	38	25,802	7	8,240	.....	.....	122
215,876	128,941	2,471	7,776	4,675	46,663	5,245	20,105	1,919	1,577,761	306	419,948	4	2,920	123
2,926	2,722	.....	29	100	.....	.....	75	28	24,240	18	19,440	.....	.....	124
39,795	26,995	135	1,786	675	.....	188	10,016	510	342,830	74	82,474	.....	.....	125
14,477	7,428	2,715	1,252	1,482	.....	.....	1,600	130	96,876	14	25,318	.....	.....	126
48,093	30,820	3,196	2,535	4,675	.....	1,100	5,767	292	169,218	43	46,411	2	1,810	127
23,529	11,490	1,600	2,144	2,140	.....	.....	6,155	190	125,510	24	35,860	1	468	128
3,030	2,426	.....	134	195	.....	250	25	37	21,390	5	6,480	1	780	129
73,426	55,910	212	3,504	3,085	.....	1,030	9,685	838	577,068	67	122,526	3	1,562	130
8,998	7,455	.....	238	745	.....	.....	560	90	74,092	18	24,800	.....	.....	131
162,314	34,353	8,870	8,410	3,347	.....	6,334	101,000	210	148,928	40	46,916	1	780	132
6,226	5,816	.....	360	.....	.....	.....	50	74	56,080	7	11,264	.....	.....	133
68,821	9,352	5,629	1,986	2,237	.....	13,680	35,937	167	126,456	42	44,972	1	520	134
42,424	30,926	828	2,353	960	.....	1,200	6,157	824	496,012	126	162,573	5	3,068	135
19,931	12,180	872	740	1,725	.....	1,806	2,608	138	109,740	31	35,532	.....	.....	136
8,211,734	122,239	3,403,693	93,308	374,159	.....	393,132	3,825,203	3,344	3,589,548	472	1,132,936	1	1,500	137
343,208	184,662	4,817	36,539	23,664	3,000	26,174	64,352	3,299	2,604,467	256	388,330	7	2,752	138

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
77	Electrical apparatus and supplies	1,721	$1,011,031	153	$44,632	10	$2,600	137	$63,548	110	$32,958
78	Electric light and power	625	517,857								
79	Electroplating	261	165,277	13	5,272			3	2,808		
80	Enameling	95	47,358								
81	Engraving and diesinking	373	239,444	13	3,940	1	156	56	40,244		
82	Engraving, steel including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	429	315,798	190	74,200	7	1,456	46	36,150	1	300
83	Engraving, wood	137	105,191					49	34,896		
84	Envelopes	108	69,046	265	89,234			24	3,968	9	5,000
85	Fancy articles, not elsewhere specified	560	355,826	418	136,449			38	16,853	90	17,070
86	Flags and banners. (See also Regalia and society banners and emblems.)	79	31,339	73	28,208	6	936	15	3,000	80	5,900
87	Flavoring extracts	78	45,056	12	3,816					3	884
88	Flouring and grist mill products	399	262,743	8	4,100	1	156	25	12,500		
89	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	196	115,632	129	33,752	3	588	8	6,293	10	2,600
90	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	8,907	6,519,973	16	5,278	21	7,985	581	323,850	3	1,000
91	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	41	26,815	217	50,925						
92	Fur goods. (See also Hats and caps, not including wool hats.)	1,695	1,174,337	1,554	583,474	5	818	311	242,328	229	87,802
93	Fur goods, materials furnished	8	6,580	12	4,704						
94	Furnishing goods, men's. (See also Shirts.)	669	459,399	2,124	812,177	3	537	365	164,294	1,901	592,592
95	Furnishing goods, men's, materials furnished			6	1,250			7	1,790		
96	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	713	488,238	79	30,726	7	1,472	50	40,295	3	450
97	Furniture, chairs	284	160,996	2	912			54	40,460	2	624
98	Furniture, factory product	5,358	3,873,799	282	121,492	15	3,256	347	224,832		
99	Galvanizing	122	62,350								
100	Gas and lamp fixtures. (See also Lamps and reflectors.)	1,680	1,005,522	70	20,938	8	1,600	67	45,497		
101	Gas, illuminating and heating	2,563	2,186,774								
102	Glass, cutting, staining, and ornamenting	979	632,046	45	17,892			23	12,660		
103	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	116	95,330	224	90,718			10	5,000	3	780
104	Glue	34	17,044								
105	Gold and silver, leaf and foil	269	214,571	168	64,500			36	22,060	39	13,670
106	Gold and silver, reducing and refining, not from the ore.	21	18,172							1	225
107	Grease and tallow. (See also Axle grease; Soap and candles.)	67	43,730								
108	Hairwork	74	42,094	147	57,252	2	100	45	11,196	21	5,812
109	Hand stamps	105	63,881					10	8,000		
110	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	661	392,205	18	5,656	35	5,828	62	35,144		
111	Hardware, saddlery	55	44,536								
112	Hat and cap materials	139	74,394	81	23,916			12	7,852	26	9,360
113	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	1,010	661,642	539	188,547	5	800	1,087	723,294	639	286,440
114	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	148	100,428	597	173,138	6	1,352	127	26,706	347	72,188
115	House furnishing goods, not elsewhere specified.	190	112,550	163	59,046			38	18,060	7	3,016
116	Ink, printing	40	26,672								
117	Ink, writing	64	42,901	36	10,945					1	208
118	Instruments, professional and scientific	407	271,298	27	15,040			30	29,700		
119	Iron and steel, bolts, nuts, washers, and rivets.	147	87,808					11	4,620		
120	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	2,749	1,823,662	1	468	2	330				
121	Ivory and bone work	342	212,985	35	12,952						
122	Japanning	31	17,562								
123	Jewelry. (See also Watch, clock, and jewelry repairing.)	1,295	911,459	164	62,038			148	180,396	2	1,000
124	Jewelry, materials furnished	10	4,800								
125	Jewelry and instrument cases	343	222,072	67	22,308			23	14,780	3	596
126	Kaolin and other earth grinding	93	56,173					23	15,385		
127	Kindling wood	202	105,319	1	416			32	10,582		
128	Labels and tags	108	70,588	57	18,594						
129	Labels and tags, materials furnished	21	10,630	10	3,500						
130	Lamps and reflectors. (See also Gas and lamp fixtures.)	661	424,154	3	950			104	27,876		
131	Lapidary work	66	45,786			1	156	5	3,350		
132	Lard, refined. (See also Slaughtering.)	169	101,232								
133	Lasts	57	31,616					10	13,200		
134	Lead, bar, pipe, and sheet	121	79,664					1	575	2	725
135	Leather goods. (See also Pocketbooks; Trunks and valises.)	451	241,756	176	49,724	1	200	64	38,564	1	127
136	Leather, tanned and curried	103	70,528	1	360			3	3,380		
137	Liquors, malt. (See also Bottling.)	2,862	2,453,552			9	1,560				
138	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	2,676	2,096,347	260	81,096	61	11,070	33	23,224	6	1,648

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, N. Y.—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.										
.....	.....	$1,530,271	$1,375,126	$30,433	$8,207	$4,275	$112,230	$3,975,836	$3,831,570	$144,266	77
.....	.....	345,664	.....	168,597	.....	177,067	.....	1,565,074	1,488,068	77,006	78
.....	.....	135,808	118,427	1,053	10,088	100	6,140	512,014	422,659	89,355	79
.....	.....	39,800	3,830	1,560	.....	900	33,450	110,578	99,578	11,000	80
.....	.....	195,501	165,483	1,771	3,944	.....	24,303	911,943	813,998	97,945	81
.....	.....	322,564	274,542	4,547	4,150	2,175	37,150	1,300,604	1,144,804	155,800	82
.....	.....	30,610	27,313	317	.....	.....	2,980	362,393	325,843	36,550	83
.....	.....	522,621	502,243	1,436	2,542	.....	16,460	977,870	971,870	6,000	84
.....	.....	692,914	669,875	3,855	1,580	.....	17,604	1,851,692	1,803,737	47,865	85
.....	.....	133,958	132,320	198	120	.....	1,320	316,050	316,050	.....	86
.....	.....	205,636	133,095	796	295	.....	21,450	405,370	405,370	.....	87
.....	.....	6,910,148	6,393,213	69,930	.....	13,479	433,526	8,098,439	7,646,763	451,667	88
.....	.....	962,399	854,446	8,978	1,290	2,600	95,085	2,399,631	2,399,631	.....	89
.....	.....	6,919,417	6,217,518	161,355	42,741	16,269	481,534	19,543,794	17,644,252	1,899,542	90
.....	.....	341,451	309,000	5,017	864	50	26,520	457,000	457,000	.....	91
.....	.....	5,830,469	5,766,717	2,586	420	.....	60,746	10,637,261	10,125,167	512,094	92
.....	.....	493	.....	123	.....	.....	370	26,736	25,236	1,500	93
.....	.....	5,018,054	4,953,962	2,951	3,300	.....	57,841	9,349,503	9,332,228	17,575	94
.....	.....	307	.....	55	.....	.....	252	12,591	12,591	.....	95
.....	.....	684,548	605,567	4,806	1,120	956	72,099	2,169,901	1,426,921	742,980	96
.....	.....	450,158	426,825	3,653	1,300	1,100	17,280	951,375	949,875	1,500	97
.....	.....	4,767,107	4,247,527	33,174	19,965	10,350	456,091	12,540,215	11,373,197	1,167,018	98
.....	.....	205,816	201,700	2,416	500	.....	1,200	367,204	363,400	3,804	99
.....	.....	744,529	690,887	19,950	5,382	5,250	23,060	2,780,870	2,728,920	51,950	100
.....	.....	3,541,276	3,274,681	156,126	.....	.....	110,469	12,672,963	11,869,562	803,401	101
.....	.....	789,588	754,535	8,853	5,515	50	20,635	2,166,115	2,060,315	105,800	102
.....	.....	193,676	193,266	260	.....	.....	150	570,144	567,944	2,200	103
.....	.....	294,129	290,858	3,246	.....	25	.....	413,294	375,294	38,000	104
.....	.....	466,735	462,338	1,187	1,500	.....	1,710	951,356	951,356	.....	105
.....	.....	926,997	925,700	462	810	.....	25	1,009,000	1,009,000	.....	106
.....	.....	395,174	389,924	5,200	.....	.....	50	483,600	430,600	53,000	107
.....	.....	258,866	255,916	407	.....	.....	2,543	605,668	556,900	48,768	108
.....	.....	58,608	47,003	805	800	.....	10,000	227,590	185,950	41,640	109
.....	.....	380,749	347,780	8,867	2,452	600	21,050	1,304,595	1,252,595	52,000	110
.....	.....	20,863	19,134	494	640	.....	595	107,750	89,770	17,980	111
.....	.....	476,128	472,131	732	1,490	.....	1,775	806,219	805,719	500	112
100	$31,200	3,308,073	3,243,904	12,760	1,870	.....	49,539	6,777,183	6,733,723	43,460	113
.....	.....	673,140	637,678	1,230	2,870	.....	31,362	1,447,198	1,436,198	11,000	114
.....	.....	528,831	495,205	6,541	710	4,025	21,390	1,004,823	1,004,123	200	115
.....	.....	93,220	90,500	90	1,740	.....	5,950	235,700	215,700	20,000	116
.....	.....	173,878	104,515	1,413	410	.....	67,540	308,585	308,585	.....	117
.....	.....	143,867	126,923	3,627	4,417	605	8,295	827,589	785,189	42,400	118
.....	.....	151,447	129,079	7,989	.....	12,736	1,643	387,038	387,038	.....	119
.....	.....	2,593,533	2,254,862	62,123	1,985	6,050	268,513	5,502,303	5,338,292	164,011	120
.....	.....	293,504	285,324	4,850	2,295	.....	1,035	636,444	623,644	12,800	121
.....	.....	6,533	5,622	486	.....	.....	425	46,300	38,500	7,800	122
.....	.....	2,325,100	2,289,991	3,636	9,104	1,900	21,075	5,605,634	5,456,016	149,618	123
.....	.....	247	.....	16	.....	.....	231	41,100	34,100	7,000	124
.....	.....	254,152	236,388	798	1,541	200	15,225	807,546	802,046	5,500	125
.....	.....	188,454	138,562	13,731	300	13,511	22,350	365,036	363,836	1,200	126
12	4,680	396,297	389,573	2,234	120	1,108	3,262	695,927	655,251	40,676	127
.....	.....	116,932	109,237	375	1,680	725	4,915	295,400	295,400	.....	128
.....	.....	1,405	.....	165	365	.....	875	27,900	21,900	6,000	129
.....	.....	430,483	400,489	10,594	4,815	2,000	12,585	1,582,723	1,566,221	16,502	130
.....	.....	107,125	105,420	110	1,030	265	300	262,950	227,100	35,850	131
.....	.....	5,990,155	5,802,237	27,419	.....	5,499	155,000	6,615,452	6,615,452	.....	132
.....	.....	30,400	28,400	500	600	50	850	106,900	106,900	.....	133
.....	.....	1,421,814	1,388,725	12,805	.....	2,500	17,784	1,862,565	1,747,565	55,000	134
.....	.....	949,706	933,911	2,955	1,544	200	11,096	1,803,542	1,792,942	10,600	135
.....	.....	885,627	882,012	2,765	.....	100	750	1,214,150	1,214,050	100	136
.....	.....	8,187,430	6,574,059	367,353	.....	48,484	1,197,534	23,926,955	23,389,701	537,254	137
.....	.....	2,335,660	2,111,190	27,826	25,465	4,740	166,439	6,283,779	6,190,679	93,100	138

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
139	Lock and gun smithing	168	$372,500	$232,600	$25,000	$18,000	$73,010	$24,654	$24,891	$67,045
140	Looking-glass and picture frames	173	1,631,383	1,292,170	21,000	30,000	138,923	258,995	448,730	394,522
141	Lumber and other mill products from logs or bolts.	9	454,700	1,132,455	60,000	245,000	299,600	146,500	156,700	224,655
142	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	81	2,058,950	3,598,718	501,083	455,560	829,948	530,114	526,843	755,170
143	Malt. (See also Liquors, malt.)	7	256,322	3,067,270	528,345	498,065	153,865	228,287	972,969	684,839
144	Mantels, slate, marble, and marbleized	11	65,066	275,405	72,000	40,000	12,610	21,250	51,135	78,410
145	Marble and stone work. (See also Monuments and tombstones.)	108	1,523,533	3,801,487	361,700	150,850	872,426	731,299	622,974	1,062,238
146	Masonry, brick and stone. (See also Plastering and stuccework.)	81	237,091	964,227	11,450	11,350	70,675	25,787	528,675	316,290
147	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	35	549,488	608,663	.....	.....	52,105	182,760	156,738	217,060
148	Millinery and lace goods. (See also Artificial feathers and flowers.)	151	3,026,262	3,539,141	30,000	20,000	685,596	676,749	883,523	1,243,273
149	Millinery, custom work	238	2,291,318	1,090,065	34,000	21,800	28,698	360,042	215,386	340,139
150	Mineral and soda waters. (See also Bottling.)	89	521,875	1,232,427	263,500	163,500	574,637	55,345	45,490	129,955
151	Mirrors	24	926,733	1,227,600	.....	.....	129,450	186,000	525,650	386,500
152	Models and patterns	38	140,616	109,575	.....	.....	52,000	13,380	14,055	30,140
153	Monuments and tombstones. (See also Marble and stone work.)	13	55,022	878,619	37,500	45,000	42,057	63,860	604,347	85,855
154	Mucilage and paste	5	46,000	34,400	.....	.....	9,425	5,625	9,015	10,335
155	Musical instruments and materials, not specified.	46	257,900	135,021	2,500	2,500	38,475	20,251	39,485	31,810
156	Musical instruments, organs and materials	11	77,400	346,410	59,500	34,000	23,250	21,913	51,502	156,245
157	Musical instruments, pianos and materials	74	2,144,733	8,115,584	750,000	643,000	658,741	751,978	2,813,645	2,497,620
158	Oil, lubricating	19	266,000	280,370	.....	.....	28,200	37,035	40,935	174,200
159	Optical goods	32	255,811	140,610	.....	5,000	32,595	19,360	40,760	42,895
160	Painting and paper hanging	721	2,374,736	1,673,312	129,800	145,800	261,814	353,943	170,979	610,076
161	Paints. (See also Chemicals; Varnish.)	18	587,789	1,614,045	360,000	210,000	249,458	89,750	239,871	464,966
162	Paper goods, not elsewhere specified	6	85,625	40,875	.....	.....	14,800	8,900	5,175	12,000
163	Paper hangings	9	563,333	2,465,704	175,000	175,000	528,664	236,640	334,105	1,016,295
164	Paper patterns	8	168,555	128,860	.....	.....	10,555	20,400	19,545	78,360
165	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	83	665,345	1,071,620	55,000	30,000	150,743	165,326	263,380	407,165
166	Paving and paving materials	14	156,200	632,280	39,108	19,843	117,943	101,155	98,785	255,446
167	Pencil cases	4	62,000	58,800	.....	.....	18,500	4,500	13,000	22,800
168	Pens, fountain and stylographic	5	22,000	9,850	.....	.....	4,000	1,100	3,150	1,600
169	Pens, gold	10	145,755	370,385	.....	.....	107,000	26,400	105,800	131,185
170	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	46	715,122	779,400	.....	.....	130,842	168,508	318,120	161,930
171	Photographic apparatus	9	60,777	47,945	.....	.....	12,600	18,100	7,945	9,300
172	Photographic materials	7	65,000	48,021	.....	.....	13,200	9,750	7,300	17,771
173	Photography	136	1,479,822	478,882	20,000	10,000	192,450	40,331	66,955	149,146
174	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	17	388,337	446,610	.....	.....	262,550	20,710	68,850	94,500
175	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	38	330,075	532,162	82,000	124,500	67,953	58,905	104,481	94,323
176	Pipes, tobacco	23	500,375	1,046,200	.....	.....	314,950	91,650	546,500	93,100
177	Plastering and stuccework. (See also Masonry, brick and stone.)	109	281,741	152,001	2,000	1,500	33,508	10,625	42,898	61,470
178	Plated and britannia ware. (See also Silverware.)	7	88,444	124,925	.....	.....	33,900	19,350	44,875	26,800
179	Plumbers' supplies. (See also Brass castings and brass finishing.)	17	470,850	1,408,954	92,000	63,509	272,635	115,499	327,926	537,385
180	Plumbing and gas fitting	769	2,444,081	2,705,093	151,900	122,000	346,020	346,145	539,373	1,199,055
181	Pocketbooks. (See also Leather goods.)	30	236,111	535,636	26,666	13,334	27,100	102,392	200,095	166,049
182	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	658	7,706,977	13,577,781	659,000	508,000	6,869,755	916,832	1,805,180	2,818,094
183	Printing and publishing, music. (See also Bookbinding and blank-book making.)	11	257,855	309,300	.....	.....	104,300	16,400	90,000	98,600
184	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	497	9,260,510	21,582,898	3,722,501	2,772,639	6,242,862	1,233,398	875,068	6,736,430
185	Printing materials	14	171,000	274,200	.....	.....	110,500	42,325	37,263	84,112
186	Printing, tip	10	74,244	96,965	.....	.....	70,900	3,955	1,210	20,900
187	Printing, tip, materials furnished	6	25,600	12,670	.....	.....	9,600	1,150	295	1,625
188	Pumps, not including steam pumps	13	85,666	60,560	.....	.....	17,050	8,700	21,150	13,660
189	Refrigerators	8	155,500	333,385	3,000	57,654	40,464	87,534	121,733	23,000
190	Regalia and society banners and emblems. (See also Flags and banners.)	38	278,075	174,046	.....	.....	43,281	28,440	52,940	49,385
191	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	141	727,100	1,450,801	132,166	98,314	528,575	128,239	136,168	427,339
192	Rubber and elastic goods	12	290,000	629,035	.....	35,000	216,710	122,465	124,800	130,060
193	Saddlery and harness	203	851,316	1,011,860	112,000	76,000	66,015	97,226	298,653	361,966
194	Safes and vaults	6	478,812	629,610	.....	21,260	145,300	93,450	285,100	84,500
195	Sausage. (See also Slaughtering.)	14	58,145	12,276	.....	.....	5,710	1,956	1,575	3,035
196	Saws	3	45,500	111,850	.....	.....	76,300	11,050	11,100	13,400
197	Scales and balances	10	105,355	296,624	65,000	65,000	64,050	32,955	48,510	21,109
198	Sewing machine repairing	28	100,708	48,382	.....	.....	11,105	4,258	21,512	11,507
199	Sewing machines and attachments	8	66,100	176,215	18,000	12,000	60,230	22,400	28,835	34,750
200	Shipbuilding	35	283,165	735,380	129,000	130,300	77,050	73,365	58,690	266,975
201	Shirts. (See also Furnishing goods; men's.)	134	1,861,011	2,567,917	3,000	1,000	162,625	787,110	1,082,381	531,801

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
$47,835	$40,975	$310	$661	$1,042	.....	.....	$4,847	425	$289,194	177	$140,319	2	$1,216	139
233,172	195,766	1,963	10,126	1,060	$2,500	$700	21,057	1,497	1,070,009	281	318,009	9	4,654	140
76,740	37,600	2,820	6,270	11,100	.....	5,200	13,750	360	283,563	38	58,928	.....	.....	141
298,406	164,716	15,606	36,145	26,203	.....	8,021	47,715	2,800	2,233,764	181	275,235	2	988	142
194,120	23,069	15,087	20,465	16,503	.....	71,714	47,291	291	210,544	18	67,000	.....	.....	143
16,448	7,880	900	753	500	.....	2,255	4,160	248	194,912	26	43,924	.....	.....	144
281,218	137,118	8,248	9,481	27,901	8,500	10,295	79,675	3,668	3,578,090	204	337,896	2	808	145
35,347	26,080	278	753	2,821	.....	500	4,915	2,216	1,077,310	109	172,267	.....	.....	146
84,673	49,454	1,046	2,814	1,854	.....	250	29,255	639	434,733	61	88,460	4	2,092	147
482,297	242,101	1,445	21,817	35,367	66,108	14,349	101,110	6,041	3,198,519	390	619,490	51	35,314	148
267,276	252,045	943	5,784	643	.....	10	7,851	1,616	795,248	86	94,768	339	231,263	149
232,793	62,625	9,567	4,257	18,025	.....	2,740	135,579	970	664,172	145	181,451	7	4,940	150
128,574	83,406	.....	4,023	1,550	.....	2,700	36,895	965	685,259	76	131,984	.....	.....	151
24,552	16,874	.....	636	175	.....	.....	6,867	232	185,925	47	64,980	.....	.....	152
23,317	4,952	783	924	8,325	.....	.....	8,333	384	378,376	15	24,400	.....	.....	153
4,606	4,140	.....	166	100	.....	.....	200	40	41,982	9	20,292	1	432	154
28,031	23,211	170	862	223	.....	150	3,415	223	146,746	59	55,261	.....	.....	155
17,940	6,966	1,429	2,860	725	.....	250	5,710	223	180,972	25	31,094	.....	.....	156
497,671	193,026	38,783	63,923	34,160	25,000	47,511	95,268	5,512	4,256,365	247	426,914	1	600	157
40,584	21,280	392	1,855	1,760	.....	2,560	12,737	159	153,016	82	104,714	1	750	158
27,641	23,023	45	956	245	.....	150	3,222	163	121,276	56	57,638	1	780	159
309,979	261,221	3,185	7,278	5,061	1,500	812	30,922	5,002	4,512,149	894	1,048,295	9	5,366	160
211,705	43,904	14,468	8,601	6,003	.....	45,180	93,552	610	439,802	130	174,235	11	4,400	161
8,170	6,850	.....	570	150	.....	.....	600	65	40,754	7	12,500	.....	.....	162
220,400	50,700	4,787	16,091	8,620	.....	37,200	103,002	1,183	635,301	81	129,970	6	3,080	163
49,247	15,170	120	462	300	.....	5,000	28,195	410	131,697	18	28,820	1	750	164
331,490	73,188	5,279	3,276	1,200	.....	1,682	246,865	787	532,096	168	235,412	11	6,287	165
48,450	18,744	390	1,079	5,946	.....	5,235	17,056	580	414,664	52	99,147	2	1,300	166
5,402	4,960	50	162	200	.....	.....	30	78	50,392	7	9,520	.....	.....	167
2,302	1,980	.....	62	.....	.....	.....	260	33	26,102	9	10,730	.....	.....	168
75,708	13,118	794	874	610	.....	625	59,687	234	184,581	35	50,320	2	624	169
143,376	64,361	2,241	5,711	1,435	.....	17,160	52,468	657	338,873	116	145,709	16	10,780	170
6,792	5,470	.....	930	30	.....	.....	362	91	71,600	10	20,280	.....	.....	171
11,630	5,850	22	308	200	.....	.....	5,250	62	44,604	8	10,600	.....	.....	172
145,191	133,184	560	3,971	1,140	.....	500	5,827	766	594,805	192	225,541	17	11,644	173
46,429	31,067	390	3,222	5,395	.....	.....	6,415	550	423,078	77	89,648	2	1,100	174
60,480	26,406	3,875	2,614	2,825	.....	744	24,016	302	193,194	52	63,688	.....	.....	175
72,724	40,030	70	9,184	5,250	.....	15,000	3,190	691	435,344	86	116,640	7	3,640	176
37,045	33,809	179	619	183	.....	.....	2,255	516	447,207	144	144,522	1	600	177
10,469	7,960	100	634	300	.....	450	1,025	140	99,006	15	20,600	3	1,092	178
106,158	37,668	5,548	4,210	4,200	.....	10,045	44,487	706	531,150	68	121,787	1	500	179
325,526	268,849	3,632	4,742	6,926	.....	1,280	40,097	5,537	4,390,072	948	1,122,253	2	832	180
35,010	21,250	350	4,269	210	6,000	46	2,885	596	351,507	73	105,692	1	208	181
2,139,756	693,628	9,685	87,177	74,898	.....	41,133	1,233,235	11,976	8,610,023	1,578	2,079,011	170	82,943	182
51,945	23,207	1,700	1,374	550	.....	325	24,789	185	134,440	49	63,550	4	2,100	183
9,803,229	740,841	74,968	54,816	352,162	.....	23,475	8,556,967	10,150	10,570,016	2,283	2,728,820	422	203,237	184
44,338	15,390	.....	1,887	737	.....	.....	26,324	149	113,152	32	36,806	3	1,560	185
13,102	6,682	.....	698	500	.....	.....	5,222	146	85,880	14	22,820	.....	.....	186
3,450	3,072	.....	218	.....	.....	.....	160	78	39,062	10	9,450	1	500	187
9,971	7,710	.....	326	150	.....	300	1,485	79	67,448	19	22,922	.....	.....	188
33,543	12,440	873	2,619	2,030	.....	10,000	5,581	295	191,736	20	28,810	.....	.....	189
28,002	22,246	9	932	35	.....	1,200	3,580	230	134,740	53	52,414	5	2,234	190
92,058	58,108	4,440	5,939	6,211	.....	550	16,750	1,251	1,048,002	186	236,129	4	3,120	191
30,231	20,300	956	3,890	800	.....	1,680	2,605	806	429,968	50	86,220	4	3,300	192
129,968	102,158	4,413	4,784	1,831	.....	1,650	15,132	1,028	753,814	248	235,947	4	2,474	193
46,048	38,305	1,585	3,340	2,653	.....	.....	165	606	419,829	27	35,617	.....	.....	194
7,112	6,396	.....	216	20	.....	.....	480	33	21,718	14	11,288	2	1,020	195
4,338	3,640	.....	348	225	.....	.....	125	38	26,924	5	6,020	.....	.....	196
14,502	9,482	2,420	1,145	225	.....	.....	1,230	190	131,328	19	22,156	.....	.....	197
15,185	12,085	.....	344	80	.....	.....	2,676	75	50,985	31	24,999	3	1,560	198
9,685	5,288	390	1,177	.....	.....	1,200	1,630	96	78,823	23	26,887	.....	.....	199
36,483	20,408	2,254	2,135	2,090	.....	1,641	7,955	680	652,676	56	95,588	.....	.....	200
572,910	167,491	386	14,572	1,273	304,366	4,000	80,822	3,395	1,781,795	341	484,298	11	9,186	201

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
139	Lock and gun smithing	237	$142,024			2	$331	7	$5,304		
140	Looking-glass and picture frames	1,127	702,107	33	$14,527	8	1,226	39	29,486		
141	Lumber and other mill products from logs or bolts.	314	214,187					8	10,448		
142	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	2,573	1,029,846					44	27,695		
143	Malt. (See also Liquors, malt.)	255	134,400					18	8,244		
144	Mantels, slate, marble, and marbleized	222	150,988								
145	Marble and stone work. (See also Monuments and tombstones.)	3,434	3,225,640	4	2,060	1	250	23	11,376		
146	Masonry, brick and stone. (See also Plastering and stuccework.)	2,103	1,801,683					4	3,360		
147	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	395	271,154	101	38,228			66	29,555	12	$5,244
148	Millinery and lace goods. (See also Artificial feathers and flowers.)	796	543,995	3,002	1,140,404	12	3,600	298	204,126	1,492	651,599
149	Millinery, custom work	53	19,100	1,051	416,120	5	1,516	10	3,331	72	29,150
150	Mineral and soda waters. (See also Bottling.)	809	475,187	4	1,352	3	358	2	884		
151	Mirrors	863	529,465					26	23,810		
152	Models and patterns	158	111,955	26	8,670	1	320				
153	Monuments and tombstones. (See also Marble and stone work.)	369	354,576								
154	Mucilage and paste	28	21,002	1	156			1	100		
155	Musical instruments and materials, not specified.	137	83,155	27	8,330						
156	Musical instruments, organs and materials	198	149,878								
157	Musical instruments, pianos and materials	3,841	2,663,328	7	4,600	4	600	1,409	1,159,231	3	1,092
158	Oil, lubricating	75	47,188	1	364						
159	Optical goods	105	62,758					1	100		
160	Painting and paper hanging	3,944	3,361,931	15	4,590	9	1,888	131	90,029		
161	Paints. (See also Chemicals; Varnish.)	422	238,737	7	2,430			40	20,000		
162	Paper goods, not elsewhere specified	39	22,962	10	2,952			9	2,340		
163	Paper hangings	788	432,535	80	27,034	171	25,582	52	15,000	3	1,800
164	Paper patterns	38	32,066	351	69,515	1	156	1	390		
165	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	262	170,443	328	115,586	1	208	5	500	12	3,660
166	Paving and paving materials	516	310,305			2	312	8	3,600		
167	Pencil cases	66	39,404	5	1,468						
168	Pens, fountain and stylographic	24	15,372								
169	Pens, gold	173	116,913	10	3,620			14	13,104		
170	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	173	90,286	331	82,978			4	2,464	17	6,650
171	Photographic apparatus	72	51,320								
172	Photographic materials	36	28,354	18	5,650						
173	Photography	431	302,022	101	42,192			20	11,656	5	1,750
174	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	387	290,920	14	5,050			70	36,360		
175	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	105	113,436	53	15,686			2	384		
176	Pipes, tobacco	447	246,086	54	18,786			94	49,724	3	468
177	Plastering and stuccework. (See also Masonry, brick and stone.)	357	297,403	4	1,236	1	208	9	3,238		
178	Plated and britannia ware. (See also Silverware.)	103	72,364	19	4,950						
179	Plumbers' supplies. (See also Brass castings and brass finishing.)	560	360,303					77	48,560		
180	Plumbing and gas fitting	4,524	3,249,274			17	3,519	46	14,194		
181	Pocketbooks. (See also Leather goods.)	263	134,530	90	26,324	15	2,340	116	72,980	20	7,703
182	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	8,156	5,447,007	954	342,744	42	8,458	927	587,906	140	61,054
183	Printing and publishing, music. (See also Bookbinding and blank-book making.)	108	59,320	18	7,182	4	728	2	1,560		
184	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	5,714	6,353,560	438	204,190	50	9,547	1,148	1,038,652	95	32,010
185	Printing materials	112	73,226					2	1,560		
186	Printing, tin	101	53,102	27	8,814	3	624	1	520		
187	Printing, tin, materials furnished	55	26,012	12	3,100						
188	Pumps, not including steam pumps	60	44,526								
189	Refrigerators	169	122,621			21	3,822	50	31,517	9	1,872
190	Regalia and society banners and emblems. (See also Flags and banners.)	79	51,282	70	23,354					22	5,396
191	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	1,022	799,557	20	3,640	2	356	17	5,200		
192	Rubber and elastic goods	360	183,632	243	90,304			12	5,600	137	60,912
193	Saddlery and harness	570	390,651	32	11,276	2	520	144	101,626	28	11,320
194	Safes and vaults	579	384,212								
195	Sausage. (See also Slaughtering.)	16	9,110	1	300						
196	Saws	33	20,904								
197	Scales and balances	169	108,624			2	548				
198	Sewing machine repairing	32	21,042	9	3,384						
199	Sewing machines and attachments	73	51,936								
200	Shipbuilding	623	556,988			1	100				
201	Shirts. (See also Furnishing goods, men's.)	504	350,001	1,182	442,832	2	350	365	170,694	990	317,834

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
		$168,676	$159,253	$2,206	$308	$85	$6,824	$595,007	$435,777	$159,230	139
		1,458,964	1,398,519	5,338	2,220		52,887	3,273,921	3,152,371	121,550	140
		683,741	657,206			15,335	11,200	1,153,767	748,236	405,531	141
		3,612,058	3,488,059	29,029	17,155	33,657	44,158	7,012,364	6,544,102	468,262	142
		1,558,117	1,527,674	27,288	1,600	794	761	2,119,766	2,110,771	8,995	143
		190,784	176,750	2,704		500	10,830	461,400	456,400	5,000	144
		3,249,647	3,173,928	42,479	4,700	2,620	25,920	8,030,659	7,882,909	147,750	145
		1,647,905	1,603,900	2,307	1,100		40,598	4,222,880	3,682,280	540,600	146
		983,253	952,218	6,742	600	400	23,293	1,725,988	1,661,613	64,375	147
		4,300,837	4,243,745	14,787	5,467	200	36,638	10,086,201	9,971,201	115,000	148
		1,249,032	1,156,286	3,076		15	89,655	2,787,186	1,993,501	793,685	149
		713,995	549,853	11,964	256	1,891	150,031	2,228,221	2,223,221	5,000	150
		2,772,620	2,738,450	3,830	4,140		26,200	4,954,250	4,919,250	35,000	151
		71,458	65,142	996	1,840		3,480	349,475	342,130	7,345	152
		340,995	326,771	2,457			11,767	967,335	958,210	9,125	153
		27,775	27,215	360			200	92,565	92,565		154
		106,286	100,331	1,025	750	10	4,170	353,512	312,812	40,700	155
		179,258	171,324	631	580		6,723	460,860	442,985	17,875	156
		4,837,291	4,533,126	33,354	3,625	3,150	264,036	12,014,179	11,854,532	159,647	157
		609,162	562,730	3,762	1,500		41,170	1,002,638	968,946	33,692	158
		80,143	75,578	368	1,010	100	3,087	290,110	273,110	17,000	159
		2,055,061	1,970,908	8,203	2,040	335	73,575	7,930,462	6,235,304	1,695,158	160
		1,439,995	1,225,849	64,296	1,460	10,180	138,300	2,314,692	1,973,692	341,000	161
		84,240	82,860	260	1,120			157,759	157,759		162
2	$300	1,216,472	1,191,262	14,810	6,900	1,000	1,900	3,070,213	3,070,213		163
		77,150	74,691	507			1,952	323,900	323,400	500	164
		678,067	616,864	5,659	950		54,594	2,462,850	2,460,350	2,500	165
		417,495	381,589	12,606			23,300	1,192,070	1,191,070	1,000	166
		54,621	47,640	461	420		6,100	147,750	147,650	100	167
		27,258	24,950	33	300		1,975	70,500	70,500		168
		160,819	157,567	450	1,602		1,200	500,254	497,814	2,440	169
		871,884	846,699	2,670	2,900		19,615	1,700,479	1,697,739	2,740	170
		46,998	44,154	78	1,165		1,601	157,850	155,300	2,550	171
		59,505	56,700	735	770		1,300	132,730	122,530	10,200	172
		300,339	291,350	2,085	36	10	6,858	1,336,320	1,227,430	108,890	173
		175,130	147,600	2,431	3,084		22,015	830,300	820,300	10,000	174
		417,041	372,161	6,180	60	100	38,540	915,127	915,127		175
		322,595	315,825	3,620	1,800		1,350	1,114,500	1,061,100	53,400	176
		126,736	118,188	3,565		120	4,863	704,749	551,635	153,114	177
		68,270	61,775	635	2,760		3,100	225,600	212,400	13,200	178
		1,252,512	1,184,620	23,693	1,595	14,377	28,227	2,345,383	2,271,948	73,440	179
		4,120,319	3,766,496	45,706	180	3,102	304,835	10,304,253	7,930,060	2,374,193	180
9	1,665	559,266	509,896	1,160	2,000		46,210	1,204,342	1,190,242	14,100	181
		5,102,060	4,577,235	71,563	92,582		360,680	19,894,757	19,417,962	476,795	182
		55,009	47,403	272	600		6,734	339,650	339,150	500	183
		7,476,948	6,942,291	105,565	20,333		408,759	34,253,772	34,144,792	108,980	184
		230,059	219,011	1,511	2,037		7,560	458,692	458,192	500	185
		33,260	34,934	276			3,050	169,000	169,000		186
		7,426		100			7,326	58,100	58,100		187
		42,600	35,360	675	565		6,000	142,300	133,300	9,000	188
17	3,094	204,711	191,238	1,610	200		11,663	498,714	493,975	4,739	189
1	60	148,395	145,178	377	830		2,010	379,220	330,770	48,450	190
		1,331,989	1,265,155	44,584	100	905	21,245	2,956,409	2,722,788	233,621	191
		554,265	537,775	8,970	600		6,020	1,170,900	1,167,900	3,000	192
		636,786	592,309	2,291	400	30	41,756	1,824,729	1,439,924	384,805	193
		279,773	238,707	13,913		8,905	18,248	767,015	749,600	17,415	194
		28,633	24,568	265			3,809	72,604	72,404	200	195
		13,430	10,600	2,281		374	175	77,500	75,500	2,000	196
		67,520	63,775	2,810		960	475	276,435	276,155	280	197
		17,544	16,039	887	120		498	98,331	33,656	64,675	198
		38,295	34,045	420	1,050	180	3,250	181,050	174,050	7,000	199
		476,041	430,674	3,456	2,300		39,611	1,322,305	1,232,705	89,600	200
		3,564,550	3,519,945	2,334	2,060	40	40,171	7,484,009	7,391,196	92,813	201

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
202	Shirts, materials furnished	113	$214,725	$112,011	.....	.....	$66,415	$7,733	$9,202	$28,661
203	Show cases	12	175,744	59,225	.....	.....	17,950	8,175	17,950	15,150
204	Silk and silk goods	146	4,847,964	7,771,030	$475,000	$513,000	2,171,953	1,161,405	2,461,355	988,317
205	Silversmithing	7	90,966	220,900	.....	.....	42,400	10,750	88,640	79,110
206	Silverware. (See also Plated and britannia ware.)	3	212,000	338,650	.....	.....	163,200	56,500	99,000	19,950
207	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	16	568,655	2,615,868	410,000	315,000	364,506	121,624	430,556	974,182
208	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	40	1,074,750	4,527,600	24,000	1,095,000	1,187,825	262,290	470,235	1,488,250
209	Soap and candles. (See also Grease and tallow.)	32	453,609	2,106,241	332,000	249,250	413,282	313,403	452,032	346,274
210	Soda water apparatus	3	70,500	1,469,300	192,500	165,000	503,000	103,800	92,500	412,500
211	Sporting goods	33	202,775	153,772	4,000	2,000	42,222	27,710	46,555	31,285
212	Springs, steel, car and carriage	3	30,266	40,675	.....	.....	13,150	6,525	3,000	18,000
213	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	15	450,125	491,175	.....	.....	280,000	74,525	63,800	72,850
214	Stationery goods, not elsewhere specified	78	1,256,400	2,019,808	70,000	35,000	647,128	347,973	435,343	484,364
215	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	22	1,067,500	2,056,202	14,000	131,556	312,820	293,327	378,559	985,940
216	Steam packing	4	148,000	192,800	.....	.....	46,100	3,200	123,500	20,000
217	Stencils and brands	18	77,866	135,063	.....	.....	66,900	10,613	27,105	30,445
218	Stereotyping and electrotyping. (See also Type founding.)	23	215,000	478,535	30,000	20,000	216,400	33,300	32,135	146,700
219	Sugar and molasses, refining	3	23,666	25,535	.....	.....	5,250	5,075	160	15,050
220	Surgical appliances. (See also Artificial limbs.)	21	148,600	54,982	.....	.....	9,555	5,731	20,876	18,820
221	Taxidermy	4	43,500	17,435	.....	.....	2,165	11,325	1,025	2,920
222	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	325	1,693,400	2,388,862	167,450	225,700	648,467	312,845	359,700	674,700
223	Tobacco, chewing, smoking, and snuff	13	246,977	1,319,123	145,000	133,000	152,394	348,291	65,720	474,718
224	Tobacco, cigars and cigarettes	1,282	5,870,866	15,073,719	554,500	442,150	778,392	6,446,925	2,727,872	4,123,880
225	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	29	86,800	109,842	6,700	300	61,215	6,545	11,337	23,745
226	Toys and games	23	332,511	412,081	.....	.....	110,665	59,606	158,260	83,550
227	Trunks and valises. (See also Leather goods.)	56	521,488	645,960	66,000	62,000	37,155	141,595	171,745	167,465
228	Type founding. (See also Stereotyping and electrotyping.)	10	261,087	903,792	.....	.....	413,398	34,492	228,403	227,409
229	Typewriters and supplies	7	130,288	159,821	.....	.....	76,760	34,591	35,630	12,840
230	Umbrellas and canes	151	1,461,636	1,296,734	.....	.....	166,796	290,090	430,315	408,633
231	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	15	154,109	409,200	50,000	75,000	47,050	63,400	87,550	86,200
232	Varnish. (See also Paints.)	9	120,600	1,201,156	204,500	115,000	66,625	146,906	220,087	448,038
233	Vault lights and ventilators. (See also Foundry and machine shop products.)	9	90,418	130,125	.....	.....	22,850	27,450	23,175	56,650
234	Vinegar and cider	3	51,750	63,900	.....	.....	39,500	900	11,000	12,500
235	Watch and clock materials	5	10,155	15,780	.....	.....	5,150	3,020	2,500	5,110
236	Watch cases	12	79,333	203,227	.....	.....	57,300	55,400	64,800	25,727
237	Watch, clock, and jewelry repairing. (See also Jewelry.)	294	943,609	291,446	15,000	5,000	76,831	25,554	86,232	82,829
238	Watches	7	46,950	210,645	.....	.....	62,082	33,200	84,287	31,076
239	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	6	96,800	191,250	.....	.....	11,750	97,000	51,500	31,000
240	Whips	3	18,500	6,075	.....	.....	775	700	1,000	3,600
241	Window shades	26	399,822	1,206,577	55,000	50,000	220,937	148,670	345,197	386,773
242	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	51	541,922	527,492	46,000	25,000	141,705	58,282	125,450	131,055
243	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	95	325,100	338,677	12,000	24,000	135,270	43,160	32,917	91,330
244	Woodenware, not elsewhere specified	11	75,200	34,985	.....	.....	10,795	4,600	10,460	9,130
245	Worsted goods. (See also Woolen goods.)	5	160,000	344,400	1,500	5,500	182,200	56,800	80,900	17,500
246	All other industries (a)	83	1,185,980	10,461,525	1,458,440	1,003,565	1,931,357	1,387,660	2,037,716	2,642,787

NORFOLK, VA.

1	All industries	374	1,023,620	3,417,454	590,478	340,935	869,936	354,415	383,456	878,234
2	Agricultural implements	3	72,000	231,585	33,000	34,000	32,000	21,200	47,350	64,035
3	Awnings, tents, and sails	4	6,360	3,843	.....	.....	440	450	703	2,250
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	23	25,450	22,632	3,350	3,400	3,180	1,470	2,390	8,842
5	Boots and shoes, custom work and repairing	43	33,300	8,764	200	25	1,940	743	872	4,984
6	Bread and other bakery products	16	56,550	94,910	25,600	19,600	18,805	8,455	4,605	17,845
7	Carpentering	28	19,540	115,598	9,700	1,050	4,938	4,810	52,528	42,572
8	Clothing, men's, custom work and repairing	26	77,500	121,674	4,000	4,000	2,528	41,433	6,628	63,085
9	Clothing, women's, dressmaking	24	26,050	14,162	1,000	700	1,410	3,142	2,596	5,314
10	Confectionery	13	79,050	53,187	2,700	2,900	10,000	3,182	3,991	30,414
11	Cooperage	6	10,400	29,560	9,000	3,250	290	2,790	3,090	11,140

a Embraces babbitt metal and solder, 2; bells, 1; belting and hose, rubber, 2; bicycle and tricycle repairing, 2; bone, ivory, and lamp black, 1; bridges, 1; card cutting and designing, 2; carpets and rugs, other than rag, 2; carpets, wood, 2, cars and general shop construction and repairs by steam railroad companies 1; celluloid and celluloid goods, 1; cigar molds, 1; collars and cuffs, paper, 1; combs, 2; dentists' materials, 2; dye stuffs and extracts, 2; enameled goods, 2; engravers' materials, 1; felt goods, 1; files, 1; fire extinguishers, chemical, 1; fish, canning and preserving, 1; flax, dressed, 1; furs, dressed, 1; gas machines and meters, 1; hay and straw, baling, 1; hones and whetstones, 1; hooks and eyes, 1; ice, artificial, 1; iron and steel, 2; iron and steel, doors and shutters, 2; iron and steel, forgings,

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
$34,348	$25,767	.....	$459	$4,012	.....	.....	$4,110	1,070	$641,354	113	$85,417	9	$5,272	202
16,999	15,817	.....	420	50	.....	.....	712	110	80,986	16	14,498	.....	.....	203
798,488	300,762	$11,476	40,979	59,529	$47,331	$90,668	247,743	9,460	4,144,575	295	432,558	15	14,240	204
10,093	8,187	165	546	250	.....	.....	945	201	180,354	16	37,790	1	500	205
23,418	14,840	1,800	1,228	5,050	.....	.....	500	393	280,952	8	14,824	13	5,900	206
233,774	62,552	11,753	6,639	13,624	.....	6,150	133,056	875	666,012	97	125,154	2	2,900	207
405,564	128,970	16,843	12,018	39,885	.....	9,925	197,923	1,572	1,329,452	183	290,172	.....	.....	208
550,241	49,897	6,022	8,689	27,755	.....	22,857	435,021	1,079	704,215	108	169,880	14	6,000	209
22,240	5,640	2,000	7,625	1,000	.....	5,675	300	373	332,470	71	120,774	.....	.....	210
18,890	16,222	.....	817	270	.....	230	1,351	315	158,172	39	42,644	3	916	211
3,854	2,724	.....	130	.....	.....	.....	1,000	52	46,930	8	13,730	.....	.....	212
48,178	36,010	.....	3,068	1,720	.....	1,120	5,360	698	359,290	36	51,052	1	624	213
169,879	101,472	6,776	14,668	9,031	.....	5,920	32,012	1,024	1,046,415	298	371,610	9	4,976	214
423,171	85,400	4,164	5,438	8,515	.....	8,000	311,654	1,470	1,271,439	132	216,776	5	3,124	215
17,392	11,840	.....	577	3,650	.....	.....	1,325	147	83,640	48	31,400	.....	.....	216
11,978	9,344	.....	439	520	.....	500	1,175	120	93,068	29	32,750	.....	.....	217
40,186	25,800	405	2,610	2,975	.....	800	7,596	456	372,168	58	90,330	2	1,686	218
17,488	2,130	.....	208	150	.....	1,000	14,000	10	10,544	3	6,144	.....	.....	219
14,146	13,374	99	197	15	.....	211	250	94	62,332	28	31,120	4	2,730	220
3,619	3,480	.....	139	.....	.....	.....	.....	21	16,364	4	4,700	.....	.....	221
284,844	186,274	4,820	12,053	6,076	.....	4,110	70,611	3,081	2,085,958	426	479,897	7	5,880	222
426,056	22,228	338,792	7,441	11,700	.....	36,000	9,895	613	286,729	45	70,488	.....	.....	223
3,838,092	704,504	2,861,822	68,515	27,717	.....	30,040	145,494	21,483	11,596,976	1,695	1,865,494	68	34,863	224
12,224	10,416	56	581	348	.....	.....	823	145	101,219	34	33,747	.....	.....	225
74,421	29,926	550	3,060	965	.....	.....	39,920	486	259,336	61	64,580	5	2,744	226
75,400	46,934	797	2,224	2,525	.....	.....	22,920	616	398,904	98	94,927	4	2,712	227
31,159	20,887	177	5,023	600	1,637	.....	2,835	509	315,828	49	63,354	1	800	228
15,312	11,726	826	1,680	300	.....	.....	780	243	187,485	30	49,242	2	600	229
207,395	160,780	31	11,363	3,835	.....	50	31,336	2,510	1,367,711	316	348,796	45	23,424	230
32,597	16,952	400	1,271	.....	.....	.....	13,974	431	269,146	65	69,166	1	1,000	231
197,928	9,945	2,640	6,551	7,552	19,500	24,219	127,521	173	181,369	63	105,584	1	520	232
20,750	9,946	340	779	1,045	.....	30	8,610	122	108,890	23	34,790	.....	.....	233
7,140	4,140	240	560	.....	1,000	.....	1,200	37	27,684	10	10,328	1	260	234
1,100	914	.....	81	15	.....	.....	90	11	7,739	5	5,100	.....	.....	235
10,107	7,140	.....	626	610	.....	370	1,361	262	184,610	23	31,070	.....	.....	236
112,670	103,797	256	2,152	948	.....	300	5,217	553	404,357	307	246,156	1	350	237
37,262	3,756	120	1,490	2,500	.....	5,732	23,664	165	78,005	18	20,945	.....	.....	238
9,942	8,712	.....	1,070	150	.....	.....	10	58	42,718	5	11,300	.....	.....	239
1,533	1,480	.....	53	.....	.....	.....	.....	12	6,484	3	2,320	.....	.....	240
140,776	35,984	2,850	7,512	3,728	.....	10,996	79,706	699	488,283	105	146,482	5	3,084	241
66,200	48,773	1,809	2,359	2,928	.....	4,250	6,021	658	473,305	110	123,417	5	6,866	242
50,371	39,012	517	3,977	2,915	.....	.....	3,950	596	419,311	121	127,209	1	300	243
7,581	6,016	.....	524	230	.....	400	411	66	48,660	16	18,060	.....	.....	244
18,030	8,080	50	850	3,750	.....	.....	300	377	122,468	14	17,320	.....	.....	245
718,222	105,575	49,403	46,067	73,911	.....	30,996	412,270	6,251	3,320,624	288	491,275	8	6,950	246

NORFOLK, VA.

265,675	92,660	25,845	22,105	30,192	.....	19,558	75,315	2,948	1,388,195	493	353,420	64	18,385	1
15,050	5,400	1,500	1,350	3,800	.....	2,000	1,000	159	98,020	18	22,552	.....	.....	2
650	636	4	10	.....	.....	.....	.....	20	12,306	4	2,272	.....	.....	3
3,191	2,800	101	53	197	.....	.....	40	69	35,036	25	16,298	.....	.....	4
3,626	3,497	36	16	77	.....	.....	.....	66	23,933	43	16,288	.....	.....	5
10,886	6,221	619	371	1,310	.....	.....	2,365	124	58,679	21	13,294	9	2,576	6
2,596	2,052	89	32	140	.....	.....	283	173	115,313	34	25,714	.....	.....	7
8,652	7,417	431	558	76	.....	.....	170	161	81,261	34	22,540	.....	.....	8
3,034	2,793	135	77	.....	.....	.....	29	103	21,616	4	1,296	20	5,631	9
7,781	5,531	305	172	120	.....	.....	1,653	61	20,106	20	9,072	4	524	10
1,544	936	246	277	10	.....	.....	75	55	17,687	8	4,425	.....	.....	11

1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; leather, morocco, 2; lightning rods, 2; lime and cement, 2; mats and matting, 2; nets and seines, 1; oil, castor, 1; oil, cottonseed and cake, 2; oil, illuminating, not including petroleum, refining, 1; oil, lard, 1; oil, linseed, 1; oil, resin, 1; paper, 1; pencils, lead, 2; phonographs and graphophones, 1; registers, car fare, 1; registers, cash, 2; rice, cleaning and polishing, 1; rules, ivory and wood, 2; sand and emery paper and cloth, 1; screws, machine, 1; smelting and refining, 2; straw goods, not elsewhere specified, 1; tobacco, stemming and rehandling, 2; washing machines and clothes wringers, 2; wire, 2; woolen goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NEW YORK, 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.
202	Shirts, materials furnished	95	$43,449	142	$38,790	7	$959	723	$290,270	576	$176,671
203	Show cases	84	61,476	1	312			9	4,700		
204	Silk and silk goods	2,095	1,326,831	3,586	1,077,957	127	21,120	933	618,398	2,409	653,471
205	Silversmithing	174	137,352	10	4,712						
206	Silverware. (See also Plated and britannia ware.)	357	252,600	11	4,128			4	3,500		
207	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	776	537,958								
208	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	1,281	935,976					108	103,304		
209	Soap and candles. (See also Grease and tallow.)	739	460,875	111	25,660			20	12,488	47	20,992
210	Soda water apparatus	290	206,579	7	1,680			5	3,428		
211	Sporting goods	103	63,247	83	20,997			15	9,568	67	20,800
212	Springs, steel, car and carriage	44	33,200								
213	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	395	208,566	186	44,968			80	54,080		
214	Stationery goods, not elsewhere specified	678	416,850	793	208,863	13	2,066	25	5,200	108	36,850
215	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	1,211	962,053	38	11,408			84	78,075		
216	Steam packing	89	49,740	10	2,500						
217	Stencils and brands	91	60,218								
218	Stereotyping and electrotyping. (See also Type founding.)	334	258,780	9	6,532			53	34,840		
219	Sugar and molasses, refining	7	4,400								
220	Surgical appliances. (See also Artificial limbs.)	25	15,092	29	9,390					8	4,000
221	Taxidermy	16	11,508			1	156				
222	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	2,474	1,519,379	96	31,843	5	1,296	73	47,753		
223	Tobacco, chewing, smoking, and snuff	206	112,555	98	26,184	2	350			262	77,152
224	Tobacco, cigars and cigarettes	3,598	2,042,356	1,727	614,224	159	23,921	9,548	5,190,855	4,685	1,822,436
225	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	73	52,112	1	520			37	14,840		
226	Toys and games	243	141,804	110	38,076	35	5,910	1	100	31	6,122
227	Trunks and valises. (See also Leather goods.)	453	279,991	34	10,559			27	10,715		
228	Type founding. (See also Stereotyping and electrotyping.)	97	77,794	88	54,704			161	82,352	105	35,824
229	Typewriters and supplies	211	137,643								
230	Umbrellas and canes	896	542,473	816	290,254	51	5,908	126	53,314	230	103,482
231	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	270	162,156	83	23,960			6	4,680	6	2,184
232	Varnish. (See also Paints.)	109	75,265								
233	Vault lights and ventilators. (See also Foundry and machine shop products.)	98	73,500	1	600						
234	Vinegar and cider	26	17,096								
235	Watch and clock materials	6	2,639								
236	Watch cases	218	144,928	13	5,908	3	504	5	2,200		
237	Watch, clock, and jewelry repairing. (See also Jewelry.)	220	150,861	6	2,100	2	246	7	4,644		
238	Watches	47	23,780	100	33,280						
239	Whalebone and rattan. (See also Baskets and rattan and willow ware.)	40	27,232	13	4,186						
240	Whips	9	4,164								
241	Window shades	418	252,521	105	42,736			37	28,860	20	14,600
242	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	450	277,701	23	4,953	2	468	56	56,500	12	3,400
243	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	471	290,832	1	350	1	100	1	520		
244	Woodenware, not elsewhere specified	46	28,644					4	1,956		
245	Worsted goods. (See also Woolen goods.)	96	39,030	242	52,520			17	11,102	8	2,496
246	All other industries	3,709	2,175,054	1,533	521,172	441	53,360	47	19,836	225	52,977

NORFOLK, VA.—Continued.

1	All industries	1,713	825,390	256	50,352	28	2,482	210	106,502	184	31,754
2	Agricultural implements	112	60,061					29	16,316		
3	Awnings, tents, and sails	16	10,034								
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	41	17,836					3	902		
5	Boots and shoes, custom work and repairing	19	6,343			1	52	3	1,250		
6	Bread and other bakery products	87	41,373	3	962	4	474				
7	Carpentering	135	86,959					4	2,640		
8	Clothing, men's, custom work and repairing	20	7,720	1	156	1	50	55	37,232	50	13,563
9	Clothing, women's, dressmaking	3	780	36	7,202					40	6,707
10	Confectionery	35	10,250	2	260						
11	Cooperage	5	1,798					42	11,464		

BY SPECIFIED INDUSTRIES: 1890—Continued.

NEW YORK, 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.	
5	$526	$9,424	.....	$1,297	$80	.....	$8,047	$917,207	$881,039	$36,168	202
.....	.....	111,830	$108,925	285	540	$200	1,880	263,750	250,750	13,000	203
.....	.....	6,897,943	6,424,509	35,501	22,819	.....	415,114	13,579,462	13,325,781	253,681	204
.....	.....	107,751	106,075	526	.....	.....	1,150	331,650	321,650	10,000	205
.....	.....	249,382	230,852	3,930	3,100	.....	11,500	1,322,335	1,276,897	45,438	206
.....	.....	16,659,035	15,927,390	34,155	.....	.....	689,490	19,122,072	18,609,524	512,548	207
.....	.....	28,111,570	26,956,626	45,665	150	.....	1,109,129	31,129,432	26,355,841	4,773,591	208
40	8,300	3,099,970	2,855,701	28,762	750	8,603	206,154	5,518,668	5,516,529	2,139	209
.....	.....	282,653	204,200	4,621	160	.....	73,672	845,123	820,123	25,000	210
.....	.....	167,033	153,632	200	876	.....	12,325	388,711	360,411	28,300	211
.....	.....	73,327	70,150	3,177	.....	.....	.....	132,000	132,000	.....	212
.....	.....	260,367	246,430	1,918	3,814	.....	8,205	826,294	814,294	12,000	213
.....	.....	1,715,213	1,638,398	11,405	5,621	145	59,644	3,609,138	3,459,738	140,400	214
.....	.....	2,137,441	2,101,462	16,774	960	6,545	11,700	4,131,235	3,867,600	263,635	215
.....	.....	78,530	73,450	3,200	480	700	700	228,500	228,500	.....	216
.....	.....	59,540	47,194	548	368	325	11,105	219,522	209,522	10,000	217
.....	.....	183,094	168,178	2,171	7,220	325	5,200	743,100	666,100	77,000	218
.....	.....	251,048	250,750	298	.....	.....	.....	287,700	286,800	900	219
.....	.....	40,122	35,669	131	324	.....	3,998	146,706	143,156	3,550	220
.....	.....	1,264	1,189	.....	.....	.....	75	26,000	18,000	8,000	221
.....	.....	2,604,284	2,521,477	21,600	4,565	285	56,357	6,191,177	5,578,735	612,442	222
.....	.....	614,043	480,536	6,160	775	540	126,032	2,107,595	2,107,595	.....	223
12	2,777	14,112,568	12,817,306	41,080	400	35	1,253,247	33,452,430	33,400,690	51,740	224
.....	.....	35,877	31,866	801	2,240	.....	970	174,704	166,734	7,970	225
.....	.....	439,148	424,679	1,322	3,074	.....	10,073	904,280	898,980	5,300	226
.....	.....	493,208	480,029	1,059	500	.....	11,620	1,173,345	1,137,125	36,220	227
8	1,000	295,136	274,725	1,312	13,395	.....	5,704	738,260	738,260	.....	228
.....	.....	161,831	159,350	111	1,470	.....	900	572,982	571,982	1,000	229
.....	.....	2,443,363	2,288,187	10,466	4,835	5	139,870	4,905,535	4,811,073	94,462	230
.....	.....	388,755	378,600	2,330	1,250	.....	6,575	804,485	798,785	5,700	231
.....	.....	900,141	894,497	4,335	250	.....	1,059	1,455,929	1,455,929	.....	232
.....	.....	147,860	129,105	1,505	50	950	16,250	328,013	328,013	.....	233
.....	.....	28,792	27,352	1,090	350	.....	.....	71,350	71,350	.....	234
.....	.....	2,095	1,795	85	40	.....	175	16,000	10,800	5,200	235
.....	.....	371,994	362,472	342	2,180	.....	7,000	628,660	628,660	.....	236
.....	.....	126,008	112,447	2,723	344	.....	10,494	770,513	348,065	422,448	237
.....	.....	53,507	48,107	.....	400	.....	5,000	205,500	205,500	.....	238
.....	.....	483,410	482,000	360	550	.....	500	587,500	587,500	.....	239
.....	.....	3,718	3,638	80	.....	.....	.....	13,900	12,400	1,500	240
.....	.....	1,672,623	1,646,285	8,818	800	.....	16,720	2,579,499	2,571,163	8,336	241
.....	.....	324,095	299,387	4,623	1,920	720	17,445	1,170,745	1,142,320	28,425	242
.....	.....	210,876	187,761	3,270	11,605	485	7,755	815,970	739,670	76,300	243
.....	.....	49,206	45,425	60	1,320	.....	2,401	131,150	130,800	350	244
.....	.....	285,640	279,557	2,200	1,200	.....	2,683	428,270	119,270	309,000	245
.....	.....	8,307,789	7,847,550	159,729	6,610	47,101	246,799	13,170,026	10,635,649	2,534,377	246

NORFOLK, VA.—Continued.

.....	.....	2,542,790	2,380,934	31,365	2,097	12,825	115,569	5,100,408	4,548,008	552,400	1
.....	.....	133,096	109,600	5,496	.....	.....	18,000	281,750	191,975	89,775	2
.....	.....	21,739	21,439	.....	.....	.....	300	45,121	39,571	5,550	3
.....	.....	15,883	13,614	814	.....	.....	1,455	61,034	13,307	47,727	4
.....	.....	11,749	11,699	.....	.....	.....	50	42,183	9,425	32,758	5
.....	.....	164,985	149,448	5,452	.....	.....	10,085	251,314	249,969	1,345	6
.....	.....	204,325	167,925	.....	.....	.....	36,400	375,371	304,721	70,650	7
.....	.....	87,906	87,612	207	.....	.....	87	214,595	205,599	8,996	8
.....	.....	7,782	7,210	103	.....	.....	469	39,706	38,391	1,315	9
.....	.....	67,323	65,255	858	.....	.....	1,210	107,895	103,895	4,000	10
.....	.....	35,122	34,547	75	.....	.....	500	67,645	67,345	300	11

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NORFOLK, VA.—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.
12	Dyeing and cleaning	6	$18,400	$13,528	.....	.....	$5,345	$317	$1,686	$6,180
13	Fertilizers	3	16,000	140,600	$10,000	$18,250	12,700	46,250	24,000	35,400
14	Flouring and grist mill products	3	13,200	54,960	20,000	2,000	12,000	1,860	1,100	18,000
15	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	7	34,290	199,981	27,000	21,500	87,800	10,900	4,130	48,651
16	Furnishing goods, men's. (See also Shirts.)	4	17,058	56,108	1,200	800	12,210	5,710	16,400	19,788
17	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	7	5,325	9,977	100	35	405	2,182	640	6,615
18	Looking-glass and picture frames	3	5,300	3,375	.....	.....	1,775	1,075	275	250
19	Lumber and other mill products from logs or bolts.	6	23,287	752,915	242,553	16,900	271,455	33,913	75,267	112,827
20	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	3	.....	48,500	15,000	1,400	8,200	6,500	3,000	14,400
21	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	4	7,000	5,740	100	200	660	950	880	2,950
22	Millinery, custom work	7	68,760	29,491	.....	.....	161	11,900	5,000	12,430
23	Mineral and soda waters	3	11,700	16,252	.....	.....	11,800	750	900	2,802
24	Painting and paper hanging	15	24,875	43,837	.....	.....	2,511	10,816	13,490	17,020
25	Patent medicines and compounds	3	9,550	2,445	.....	.....	550	325	480	1,090
26	Photography	4	24,350	14,460	.....	.....	5,600	825	1,135	6,900
27	Plumbing and gas fitting	7	11,775	37,305	5,000	2,000	3,725	4,280	10,750	11,550
28	Printing and publishing, book and job	8	31,000	41,353	.....	.....	16,500	2,606	937	21,310
29	Printing and publishing, newspapers and periodicals.	10	29,000	85,896	20,075	10,125	24,829	1,625	1,620	27,622
30	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	4	12,000	24,030	2,000	4,000	2,850	2,700	4,650	7,830
31	Saddlery and harness	4	10,700	13,775	.....	.....	2,035	2,265	4,650	4,825
32	Shipbuilding	4	600	170,640	72,800	17,200	30,600	5,510	1,830	42,700
33	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	14	46,300	56,987	500	800	5,970	8,857	7,285	33,575
34	Tobacco, cigars and cigarettes	11	17,750	45,233	9,000	3,000	2,395	9,913	7,791	13,134
35	Watch, clock, and jewelry repairing	15	55,200	41,229	10,000	5,000	7,635	2,070	4,561	11,963
36	All other industries (*a*)	30	124,000	806,922	66,600	108,800	264,694	92,641	66,246	147,941

OAKLAND, CAL.

1	All industries	342	956,385	6,629,468	1,130,525	953,731	2,167,889	914,636	608,845	853,842
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	19	37,035	30,120	8,500	6,300	5,600	1,870	2,775	5,075
3	Boots and shoes, custom work and repairing	35	33,245	17,013	6,200	2,650	3,195	1,190	773	3,005
4	Bread and other bakery products	19	57,850	73,060	17,000	12,500	17,725	9,665	520	15,650
5	Carpentering	16	26,560	117,565	19,000	6,900	13,850	10,715	4,600	62,500
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	26,020	47,850	15,500	8,500	5,100	3,450	3,800	11,500
7	Clothing, men's, custom work and repairing	15	46,365	39,380	.....	.....	1,600	22,680	25	15,075
8	Clothing, women's, dressmaking	16	10,535	5,995	.....	.....	1,300	895	.....	3,800
9	Coffins and burial cases, trimming and finishing.	5	59,710	72,200	15,500	2,500	2,200	10,550	300	41,150
10	Confectionery	5	67,980	29,750	.....	.....	9,030	2,220	7,050	11,450
11	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	3	1,000	1,900	.....	.....	1,100	125	675	.....
12	Flouring and grist mill products	3	.....	210,400	35,000	23,800	57,500	11,300	13,800	69,000
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	6	14,750	69,475	8,000	7,100	37,000	5,175	4,500	7,700
14	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	6	15,795	24,200	.....	.....	2,450	13,270	4,050	4,430
15	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	3	7,070	26,250	5,000	5,500	10,000	1,650	1,350	1,850
16	Leather, tanned and curried	3	20,850	119,118	10,000	5,000	5,000	14,923	47,488	36,707
17	Lock and gun smithing	5	4,855	3,540	.....	200	2,250	290	.....	800
18	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	12	53,660	510,936	58,000	63,731	118,105	97,700	35,750	137,650
19	Marble and stone work	3	.....	19,775	5,250	1,400	325	1,400	8,700	2,700
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	4	10,000	138,400	50,250	8,150	5,500	40,500	.....	34,000
21	Millinery, custom work	5	28,800	41,540	.....	.....	65	34,500	6,025	950
22	Painting and paper hanging	9	23,390	81,375	10,400	5,100	13,900	13,875	10,500	27,600
23	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	8,135	6,825	.....	.....	1,975	2,250	1,450	1,150
24	Photography	6	19,265	5,075	600	800	2,700	450	.....	525

a Embraces bicycle and tricycle repairing, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; carriages and wagons, including custom work and repairing, 2; clothing, men's, factory product, 1; coffee and spice, roasting and grinding, 1; gas, illuminating and heating, 1; hand stamps, 1; hosiery and knit goods, 1; ice, artificial, 1; ironwork, architectural and ornamental, 1; lock and gun smithing,

BY SPECIFIED INDUSTRIES: 1890—Continued.

NORFOLK, VA.—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.	
$2,456	$1,848	$17	$51	$120	.....	.....	$420	36	$12,484	10	$5,822	.....	.....	12
12,195	1,350	1,450	1,530	2,865	.....	.....	5,000	70	27,845	11	11,595	.....	.....	13
2,225	1,060	275	290	540	.....	.....	60	23	10,220	5	3,948	.....	.....	14
9,092	2,760	1,408	951	2,600	.....	$750	623	173	106,251	16	14,621	.....	.....	15
1,998	1,194	217	322	.....	.....	50	215	152	28,045	8	3,975	2	$572	16
657	585	19	27	.....	.....	24	2	16	7,754	9	5,322	.....	.....	17
561	530	21	10	.....	.....	.....	.....	4	1,812	2	884	.....	.....	18
58,516	2,096	1,392	8,855	5,150	.....	10,209	30,814	251	111,259	10	13,200	.....	.....	19
2,630	.....	1,250	780	500	.....	.....	100	53	24,054	11	9,330	.....	.....	20
721	621	6	41	20	.....	.....	33	17	5,192	4	1,987	.....	.....	21
8,131	6,876	413	200	5	.....	.....	637	46	13,382	1	900	28	8,822	22
1,482	1,110	223	100	50	.....	.....	.....	22	7,688	2	1,068	.....	.....	23
3,093	2,610	61	79	584	.....	96	563	94	61,985	25	19,736	.....	.....	24
1,857	860	17	30	200	.....	.....	750	9	3,430	3	1,450	.....	.....	25
4,698	2,067	380	106	920	.....	.....	1,225	15	5,712	3	1,348	1	260	26
2,053	1,235	97	96	400	.....	.....	225	54	25,559	9	6,474	.....	.....	27
2,915	2,570	101	201	25	.....	3	15	47	23,420	14	10,162	.....	.....	28
13,078	2,314	487	526	2,235	.....	300	7,216	98	58,740	17	14,740	.....	.....	29
1,343	1,020	10	7	5	.....	1	300	28	17,608	5	3,954	.....	.....	30
1,260	1,062	83	97	.....	.....	.....	18	18	9,164	5	2,768	.....	.....	31
1,343	48	890	.....	.....	.....	.....	405	60	43,220	5	4,460	.....	.....	32
5,287	4,395	331	466	65	.....	.....	30	83	40,754	19	12,344	.....	.....	33
7,740	1,683	5,363	276	137	.....	125	162	62	27,630	13	7,892	.....	.....	34
6,681	5,234	269	204	357	.....	.....	617	40	26,610	19	13,504	.....	.....	35
55,747	10,249	7,600	3,944	7,684	.....	6,000	20,270	486	203,511	56	48,225	.....	.....	36

OAKLAND, CAL.

438,010	94,569	37,056	24,421	66,563	$175	57,113	158,113	4,438	3,090,007	462	487,099	58	33,974	1
5,659	4,074	293	77	.....	.....	.....	1,215	54	44,258	20	19,722	.....	.....	2
4,917	3,574	117	17	.....	.....	.....	1,209	50	32,713	32	20,919	.....	.....	3
15,259	6,074	678	488	1,685	.....	1,780	4,545	140	104,616	26	26,328	17	6,406	4
6,957	2,922	488	137	200	.....	.....	3,210	190	199,213	21	29,650	1	624	5
4,561	2,752	385	429	190	175	.....	650	59	51,310	.....	.....	.....	.....	6
6,620	5,100	.....	.....	.....	.....	.....	1,520	86	68,918	14	12,790	.....	.....	7
3,205	2,100	.....	.....	.....	.....	.....	1,105	84	35,960	1	780	16	13,110	8
9,115	6,120	340	25	.....	.....	.....	2,630	16	16,936	7	9,300	.....	.....	9
6,624	6,118	147	154	60	.....	.....	145	44	20,286	6	4,082	9	3,538	10
117	100	10	7	.....	.....	.....	.....	13	7,559	8	5,584	.....	.....	11
7,106	.....	975	3,340	1,150	.....	1,641	.....	46	29,130	9	9,200	.....	.....	12
5,112	1,420	307	555	2,000	.....	830	.....	86	71,631	13	11,504	.....	.....	13
3,494	1,698	10	182	10	.....	.....	1,594	18	15,020	3	2,940	.....	.....	14
2,729	760	80	217	350	.....	1,100	222	21	16,480	5	4,080	.....	.....	15
6,949	1,860	565	740	1,163	.....	2,621	.....	36	24,548	6	4,520	.....	.....	16
751	510	4	2	.....	.....	.....	235	9	5,612	6	3,620	.....	.....	17
23,923	4,880	1,502	3,963	4,299	.....	1,779	7,500	506	366,180	28	35,090	1	760	18
722	.....	152	10	.....	.....	.....	560	10	10,608	3	3,900	.....	.....	19
6,420	1,050	210	160	.....	.....	.....	5,000	188	200,612	7	11,580	1	600	20
3,530	2,880	.....	.....	.....	.....	.....	650	38	19,784	1	1,040	7	5,640	21
8,913	2,466	310	67	300	.....	.....	5,770	89	86,410	11	13,670	1	480	22
1,007	732	20	15	.....	.....	.....	240	9	7,966	5	5,700	.....	.....	23
2,193	1,830	34	9	.....	.....	.....	320	15	11,050	6	6,000	.....	.....	24

2; marble and stone work, 1; masonry, brick and stone, 1; models and patterns, 2; monuments and tombstones, 2; musical instruments and materials, not specified, 1; saws, 1; shirts, 1; soap and candles, 1; stencils and brands, 1; tools, not elsewhere specified, 1; wirework, including wire rope and cable, 1; woodenware, not elsewhere specified, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

NORFOLK, 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.
12	Dyeing and cleaning	16	$4,556	8	$1,600					2	$416
13	Fertilizers	59	16,250								
14	Flouring and grist mill products	17	6,116			1	$156				
15	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	157	91,630								
16	Furnishing goods, men's. (See also Shirts.)	11	7,800	87	10,800					44	4,898
17	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	5	1,658	1	150			1	$624		
18	Looking-glass and picture frames	2	928								
19	Lumber and other mill products from logs or bolts.	240	97,550					1	500		
20	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	42	14,724								
21	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	12	3,005	1	200						
22	Millinery, custom work	2	912	15	2,748						
23	Mineral and soda waters	17	5,620					3	1,000		
24	Painting and paper hanging	60	37,737					9	4,512		
25	Patent medicines and compounds	5	1,890	1	90						
26	Photography	11	4,104								
27	Plumbing and gas fitting	45	19,035								
28	Printing and publishing, book and job	28	12,418	4	684	1	156				
29	Printing and publishing, newspapers and periodicals.	51	30,150	1	52	12	620	17	13,178		
30	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	23	13,694								
31	Saddlery and harness	12	6,266								
32	Shipbuilding	55	38,760			1	130				
33	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	62	28,110			2	300				
34	Tobacco, cigars and cigarettes	18	6,130	1	312			30	13,296		
35	Watch, clock, and jewelry repairing	19	12,118					2	988		
36	All other industries	271	120,926	95	25,046	5	544	11	2,600	48	6,170

OAKLAND, CAL.—Continued.

1	All industries	2,868	2,181,986	274	107,465	203	30,001	314	187,466	175	49,208
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	34	24,536								
3	Boots and shoes, custom work and repairing	18	11,794								
4	Bread and other bakery products	90	68,534	7	3,348						
5	Carpentering	166	166,703					2	2,236		
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	59	51,310								
7	Clothing, men's, custom work and repairing	11	11,450	4	1,248			47	29,312	10	4,118
8	Clothing, women's, dressmaking			67	22,070						
9	Coffins and burial cases, trimming and finishing	9	7,036								
10	Confectionery	18	9,763	11	2,603						
11	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	4	1,900			1	75				
12	Flouring and grist mill products	37	19,930								
13	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	73	60,127								
14	Furniture, cabinetmaking, repairing and upholstering. (See also Furniture, factory product; Mattresses and spring beds.)	13	10,936	2	1,144						
15	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	16	12,400								
16	Leather, tanned and curried	30	20,028								
17	Lock and gun smithing	3	1,992								
18	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	426	315,950			50	13,130	1	1,250		
19	Marble and stone work	7	6,708								
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	180	188,432								
21	Millinery, custom work			30	13,104						
22	Painting and paper hanging	77	72,260								
23	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	2	1,824	1	312	1	130				
24	Photography	2	1,560	4	1,664	1	156			2	770

BY SPECIFIED INDUSTRIES: 1890—Continued.

NORFOLK, VA.—Continued.

Average number of employés 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.										
.....	.....	$3,082	$1,430	$475	.....	.....	$1,177	$20,430	$10,715	$9,715	12
.....	.....	323,775	322,500	1,075	.....	$200	.....	416,500	416,500	.....	13
.....	.....	190,692	178,475	4,067	.....	100	8,050	221,182	219,752	1,430	14
.....	.....	40,188	35,312	4,536	.....	300	40	216,389	187,626	28,763	15
.....	.....	107,051	106,686	165	.....	200	.....	166,600	166,600	.....	16
.....	.....	5,291	5,285	6	.....	.....	.....	16,095	7,787	8,308	17
.....	.....	2,175	1,575	.....	.....	.....	600	4,700	1,700	3,000	18
.....	.....	368,141	355,741	.....	.....	11,400	1,000	704,953	704,803	150	19
.....	.....	100,625	100,000	.....	.....	625	.....	143,000	143,000	.....	20
.....	.....	14,420	14,295	.....	$100	.....	25	22,070	20,970	1,700	21
.....	.....	26,852	26,775	77	.....	.....	.....	62,075	60,575	1,500	22
.....	.....	11,351	10,391	260	.....	.....	700	28,860	28,860	.....	23
.....	.....	37,326	36,057	4	.....	.....	1,265	116,940	74,660	42,280	24
.....	.....	3,800	3,800	.....	.....	.....	.....	14,920	14,920	.....	25
.....	.....	9,578	7,293	35	.....	.....	2,250	27,845	27,345	500	26
.....	.....	24,310	24,053	257	.....	.....	.....	61,423	6,400	55,023	27
.....	.....	10,158	9,892	50	.....	.....	216	37,510	37,510	.....	28
.....	.....	19,298	16,122	1,050	1,200	.....	926	103,123	103,123	.....	29
.....	.....	22,855	22,166	239	.....	.....	450	45,770	39,720	6,050	30
.....	.....	6,240	5,730	.....	.....	.....	510	19,766	17,350	2,416	31
.....	.....	35,205	35,205	.....	.....	.....	.....	144,275	137,475	6,800	32
.....	.....	28,819	27,482	744	.....	.....	593	92,758	63,418	29,340	33
.....	.....	26,753	24,889	30	.....	.....	1,834	67,100	67,100	.....	34
.....	.....	3,785	3,705	.....	.....	.....	80	38,484	2,842	35,642	35
.....	.....	371,110	337,726	5,290	707	.....	27,297	820,426	763,059	57,367	36

OAKLAND, CAL.—Continued.

84	$12,808	4,687,699	4,306,633	218,088	2,828	23,791	136,359	9,112,778	8,572,607	540,171	1
.....	.....	18,089	16,684	1,405	.....	.....	.....	82,465	54,865	27,600	2
.....	.....	12,245	12,245	.....	.....	.....	.....	54,516	18,662	35,854	3
.....	.....	142,038	125,938	6,600	.....	.....	9,500	311,375	311,375	.....	4
.....	.....	249,520	247,900	890	480	.....	250	509,730	405,250	104,480	5
.....	.....	29,000	26,985	1,165	.....	.....	850	90,920	31,470	59,450	6
.....	.....	48,110	47,975	35	.....	.....	100	143,380	135,560	7,820	7
.....	.....	15,685	13,610	.....	.....	.....	2,075	62,152	59,140	3,012	8
.....	.....	39,400	39,400	.....	.....	.....	.....	84,489	84,489	.....	9
.....	.....	33,989	31,559	1,315	.....	.....	1,115	76,797	76,797	.....	10
.....	.....	5,288	5,138	.....	.....	.....	150	17,425	17,425	.....	11
.....	.....	485,441	465,611	3,020	.....	40	16,770	526,633	488,183	38,450	12
.....	.....	36,211	28,887	3,925	480	827	2,092	126,200	119,700	6,500	13
.....	.....	23,150	19,500	.....	.....	.....	3,650	50,600	33,100	17,500	14
.....	.....	15,405	13,800	1,575	.....	30	.....	35,950	34,950	1,000	15
.....	.....	242,755	242,655	100	.....	.....	.....	303,956	303,956	.....	16
.....	.....	1,100	1,100	.....	.....	.....	.....	7,600	3,000	4,600	17
.....	.....	490,689	468,550	2,355	1,084	10,525	8,175	995,996	992,996	3,000	18
.....	.....	6,700	6,700	.....	.....	.....	.....	22,200	22,200	.....	19
.....	.....	285,000	285,000	.....	.....	.....	.....	537,000	535,000	2,000	20
.....	.....	31,000	31,000	.....	.....	.....	.....	59,820	59,300	520	21
.....	.....	82,775	82,400	375	.....	.....	.....	207,500	207,500	.....	22
.....	.....	4,105	2,830	100	.....	.....	1,175	20,120	20,120	.....	23
.....	.....	5,850	5,850	.....	.....	.....	.....	23,200	23,200	.....	24

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OAKLAND, 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.
25	Plumbing and gas fitting	20	$44,660	$78,575	$11,000	$1,800	$11,425	$26,125	$5,775	$22,450
26	Printing and publishing, book and job	4	12,045	25,950	.....	7,500	13,000	1,900	.....	3,550
27	Printing and publishing, newspapers and periodicals.	8	69,250	232,750	.....	.....	150,550	5,550	1,750	74,900
28	Saddlery and harness	9	23,590	38,730	.....	.....	3,700	7,030	18,400	9,600
29	Sausage. (See also Slaughtering and meat packing, wholesale.)	3	16,545	14,750	.....	.....	8,500	1,100	750	4,400
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	7	13,210	33,170	11,000	7,000	4,300	2,920	2,500	5,450
31	Tobacco, cigars and cigarettes	13	25,210	22,340	.....	200	1,795	8,100	6,320	5,925
32	Watch, clock, and jewelry repairing. (See also Jewelry.)	12	26,285	18,255	7,000	3,000	5,550	755	500	1,450
33	All other industries (a)	56	143,720	4,473,206	837,325	774,100	1,650,699	560,513	418,719	231,850

OMAHA, NEB.

1	All industries	675	2,912,890	18,319,594	2,787,575	3,803,950	3,316,038	2,511,054	1,874,376	4,026,601
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	62	140,000	151,381	45,800	12,600	18,861	8,458	10,617	55,045
3	Boots and shoes, custom work and repairing	51	76,200	39,405	21,700	5,950	4,394	1,671	2,870	2,820
4	Bread and other bakery products	23	107,850	329,400	92,500	41,000	71,525	52,715	14,575	57,085
5	Brick and tile	38	70,720	1,142,465	454,500	219,550	88,365	.....	122,850	257,200
6	Carpentering	47	51,750	278,459	117,400	33,000	15,110	11,774	12,425	88,750
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	8	36,750	197,075	100,000	35,450	10,325	15,800	23,100	12,400
8	Clothing, men's, custom work and repairing	56	300,300	229,447	9,600	3,600	7,921	117,971	8,899	81,456
9	Clothing, men's, factory product	3	69,300	131,786	.....	.....	10,119	21,667	40,000	60,000
10	Clothing, women's, dressmaking	69	155,795	47,268	18,000	4,200	5,885	9,828	1,724	7,631
11	Confectionery	7	143,200	104,751	.....	.....	17,903	15,054	24,445	47,349
12	Dyeing and cleaning	3	14,425	7,717	2,000	1,800	3,200	105	500	112
13	Flouring and grist mill products	3	.....	111,675	27,675	20,100	37,100	7,200	4,500	15,100
14	Foundry and machine shop products	10	40,940	458,300	183,000	49,000	116,525	24,775	27,100	57,900
15	Ironwork, architectural and ornamental	5	27,635	116,866	.....	.....	5,645	12,386	47,811	51,024
16	Jewelry. (See also Watch, clock, and jewelry repairing.)	6	80,800	11,725	.....	.....	10,000	250	775	700
17	Liquors, malt. (See also Bottling.)	4	55,000	1,166,680	280,000	227,000	220,336	43,005	74,769	321,570
18	Looking-glass and picture frames	3	9,000	5,040	.....	.....	390	1,525	2,100	1,025
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	13	14,740	390,982	129,000	59,500	81,027	33,200	21,150	67,105
20	Marble and stone work. (See also Monuments and tombstones.)	4	10,000	241,900	65,000	16,600	19,200	34,000	38,500	68,600
21	Masonry, brick and stone. (See also Plastering and stuccowork.)	7	12,960	82,050	.....	.....	28,050	5,000	25,000	24,000
22	Millinery, custom work	8	81,500	31,805	.....	.....	495	25,560	1,800	3,950
23	Monuments and tombstones. (See also Marble and stone work.)	4	7,300	19,235	8,000	200	435	2,250	5,200	3,150
24	Painting and paper hanging	11	74,650	172,875	59,500	32,000	6,600	55,575	5,500	13,700
25	Paving and paving materials	5	28,300	221,728	.....	.....	29,998	17,077	9,844	105,709
26	Photography	15	85,675	35,845	.....	250	23,355	2,880	4,785	4,575
27	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	4,680	4,010	.....	.....	1,750	860	1,100	1,200
28	Plumbing and gas fitting	20	130,650	243,700	4,000	2,200	27,100	55,400	75,675	79,325
29	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	19	160,275	312,020	8,000	17,000	177,584	48,569	9,905	50,962
30	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	23	304,075	445,611	.....	.....	197,089	28,631	3,851	215,140
31	Saddlery and harness	16	95,100	185,370	12,000	2,000	6,915	46,710	58,475	59,270
32	Shirts	3	6,425	2,800	.....	.....	1,300	350	800	350
33	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	24	77,500	124,895	40,400	7,200	17,070	10,905	18,925	30,395
34	Tobacco, cigars and cigarettes	20	81,650	77,875	12,000	6,900	4,310	18,825	11,240	24,600
35	Trunks and valises	3	23,150	15,950	2,000	600	200	1,600	10,800	750
36	Watch, clock, and jewelry repairing. (See also Jewelry.)	8	24,900	20,565	.....	.....	6,575	3,075	5,725	5,190
37	All other industries (b)	71	309,695	11,160,038	1,095,500	3,006,250	2,043,381	1,776,403	1,147,041	2,091,463

a Embraces agricultural implements, 1; artificial limbs, 1; bags, other than paper, 1; boot and shoe uppers, 1; boots and shoes, factory product, 1; boxes, wooden packing, 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, 1; cheese and butter, urban dairy product, 1; clay and pottery products, 1; clothing, men's, factory product, 2; clothing, women's, factory product, 1; cooperage, 2; cotton goods, 1; food preparations, 1; furniture, factory product, 1; gas, illuminating and heating, 1; gas machines and meters, 1; gloves and mittens, 1; hand stamps, 1; hardware, 1; iron and steel, 1; iron and steel, nails and spikes, cut and wrought, including wire nails, 1; jewelry, 1; liquors, malt, 1; looking-glass and picture frames, 2; mattresses and spring beds, 2; mineral and soda waters, 1; musical instruments, organs and materials, 1; paving and paving materials, 2; pickles, preserves, and sauces, 2; plastering and stuccowork, 2; plumbers' supplies, 2; roofing and roofing materials, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 1; trunks and valises, 2; umbrellas and canes, 1; vinegar and cider, 1; windmills, 2; wirework, including wire rope and cable, 1; wood, turned and carved, 2.

b Embraces ammunition, 1; awnings, tents, and sails, 1; bags, other than paper, 1; baking and yeast powders, 1; bookbinding and blank-book making, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

OAKLAND, 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.	
$8,766	$4,626	$476	$16	.....	.....	.....	$3,648	131	$106,389	27	$33,790	.....	.....	25
1,984	1,044	.....	50	.....	.....	.....	890	21	17,156	5	5,300	.....	.....	26
67,322	5,540	419	1,355	$1,575	.....	$729	57,704	260	146,819	42	37,740	.....	.....	27
3,708	2,418	.....	180	.....	.....	.....	1,200	30	23,104	10	9,012	.....	.....	28
2,555	1,820	50	60	75	.....	.....	550	13	8,589	1	1,500	.....	.....	29
2,886	1,420	70	66	30	.....	.....	1,300	38	32,230	10	12,740	.....	.....	30
7,731	2,647	4,548	301	50	.....	.....	185	52	32,325	15	12,206	.....	.....	31
3,551	2,760	85	56	50	.....	.....	600	23	18,273	10	8,965	.....	.....	32
203,543	13,294	24,781	11,743	53,376	.....	46,633	53,716	2,063	1,258,322	104	122,947	5	$2,816	33

OMAHA, NEB.

3,673,516	271,254	2,504,473	60,867	207,350	$5,100	227,120	397,352	9,414	6,115,294	1,066	1,183,198	125	68,554	1
17,282	14,350	1,106	738	570	.....	130	388	208	189,276	69	75,656	.....	.....	2
8,205	7,236	276	279	150	.....	.....	264	89	52,308	52	33,167	1	550	3
21,544	10,250	2,627	1,723	2,041	.....	2,563	2,340	326	138,349	51	38,506	8	3,584	4
34,909	7,072	6,666	2,141	13,970	.....	4,645	415	928	291,807	42	29,096	.....	.....	5
19,240	5,176	2,587	792	140	.....	835	9,710	419	371,335	58	76,637	.....	.....	6
6,723	2,940	1,762	731	575	.....	535	180	132	88,012	14	15,648	.....	.....	7
44,604	26,249	954	1,575	250	5,000	1,811	8,765	373	236,440	72	62,501	.....	.....	8
8,090	4,850	600	543	175	.....	1,300	631	231	73,138	6	6,980	2	1,040	9
15,270	14,021	99	199	.....	.....	.....	951	255	95,610	2	1,770	69	36,677	10
17,170	12,516	218	613	450	.....	.....	3,373	195	105,000	44	46,912	5	2,356	11
1,735	1,300	50	75	.....	.....	150	160	11	5,724	3	2,524	.....	.....	12
3,220	.....	485	1,140	620	.....	975	.....	14	9,516	4	3,536	.....	.....	13
20,705	3,984	1,959	2,067	8,275	.....	2,900	1,520	321	255,334	22	37,620	2	765	14
6,298	2,487	945	944	482	.....	1,270	170	103	82,272	8	13,900	.....	.....	15
12,434	6,870	1,480	3,184	.....	.....	100	800	45	55,630	4	6,200	.....	.....	16
176,316	5,000	114,660	5,298	9,276	.....	4,375	37,707	123	113,784	16	29,600	.....	.....	17
1,347	810	20	67	.....	.....	200	250	10	8,402	4	4,380	.....	.....	18
25,725	1,400	2,614	5,111	5,225	.....	4,850	6,525	398	294,406	25	33,305	2	1,316	19
2,905	1,000	405	150	1,100	.....	250	.....	166	144,380	11	12,780	.....	.....	20
7,958	1,296	400	462	1,800	.....	600	3,400	251	216,142	13	18,600	.....	.....	21
9,524	7,780	100	268	.....	.....	250	1,126	45	26,684	4	4,420	7	7,474	22
1,065	730	215	10	50	.....	60	.....	14	10,496	4	4,160	.....	.....	23
15,074	7,092	2,226	1,016	.....	.....	870	4,770	207	176,657	24	28,004	.....	.....	24
27,958	2,690	163	50	4,774	.....	5,634	14,647	203	125,750	11	17,050	.....	.....	25
12,246	7,710	273	423	250	.....	.....	3,590	63	46,232	18	19,452	5	2,846	26
1,026	468	47	31	.....	.....	30	450	16	13,500	4	4,200	.....	.....	27
23,783	12,696	976	996	245	.....	1,335	7,535	310	241,551	38	55,020	2	800	28
32,470	14,425	1,466	3,337	1,690	.....	5,830	5,722	320	199,952	46	48,960	2	920	29
175,344	29,168	2,483	1,874	8,131	.....	7,115	126,573	423	380,016	102	92,285	11	5,532	30
13,122	9,506	1,225	891	125	.....	700	675	123	100,432	27	35,498	1	884	31
957	610	18	33	10	.....	6	280	19	7,572	3	2,300	1	700	32
10,484	7,361	509	572	215	.....	252	1,575	156	103,875	38	37,424	.....	.....	33
23,955	7,350	15,304	521	250	.....	110	420	134	88,046	23	23,670	1	624	34
2,583	2,200	25	75	250	.....	33	.....	14	10,624	2	2,400	.....	.....	35
4,076	2,290	162	114	60	.....	50	1,400	24	19,000	10	10,020	.....	.....	36
2,867,260	30,371	2,339,368	22,824	146,201	100	177,356	151,040	2,745	1,737,952	192	249,017	6	2,486	37

boot and shoe uppers, 2; boots and shoes, factory product, 1; bottling, 2; boxes, cigar, 2; boxes, fancy and paper, 1; brooms and brushes, 1; carpets, rag, 1; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 1; cars and general shop construction and repairs by street railroad companies, 2; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; cooperage, 2; electroplating, 1; engraving and diesinking, 2; furniture, cabinetmaking, repairing and upholstering, 2; furniture, chairs, 1; furniture, factory product, 2; gas and lamp fixtures, 1; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 1; gloves and mittens, 1; hand knit goods, 1; hand stamps, 2; hats and caps, not including wool hats, 1; kaolin and other earth grinding, 1; kindling wood, 1; liquors, distilled, 1; lock and gun smithing, 1; lumber and other mill products from logs or bolts, 1; mattresses and spring beds, 2; mineral and soda waters, 2; models and patterns, 1; musical instruments and materials, not specified, 1; oil, linseed, 1; paints, 2; patent medicines and compounds, 1; pens, gold, 1; pickles, preserves, and sauces, 2; roofing and roofing materials, 1; safes and vaults, 1; scales and balances, 1; show cases, 1; smelting and refining, 1; soap and candles, 2; sugar and molasses, refining, 1; taxidermy, 1; tools, not elsewhere specified, 1; vinegar and cider, 2; wirework, including wire rope and cable, 2.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OAKLAND, 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.
25	Plumbing and gas fitting	104	$72,599								
26	Printing and publishing, book and job	13	10,088	2	$832			1	$936		
27	Printing and publishing, newspapers and periodicals.	52	52,320	7	2,780	100	$5,460	46	30,714	13	$8,805
28	Saddlery and harness	20	14,092								
29	Sausage. (See also Slaughtering and meat packing, wholesale.)	12	7,089								
30	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	26	17,930					2	1,500		
31	Tobacco, cigars and cigarettes	10	4,049	1	500	5	850	17	12,170	4	2,550
32	Watch, clock, and jewelry repairing. (See also Jewelry.)	11	8,708					2	600		
33	All other industries	1,345	929,338	138	57,560	45	10,200	196	89,688	146	32,965

OMAHA, NEB.—Continued.

1	All industries	6,911	4,440,863	700	215,376	251	40,890	276	148,548	76	17,805
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	136	113,107			2	468	1	45		
3	Boots and shoes, custom work and repairing	35	18,483					1	108		
4	Bread and other bakery products	171	78,673	54	12,890	41	4,440	1	256		
5	Brick and tile	820	252,187			66	10,524				
6	Carpentering	860	294,278					1	420		
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	118	72,364								
8	Clothing, men's, custom work and repairing	124	87,154	6	1,780	1	220	160	81,445	10	3,340
9	Clothing, men's, factory product	22	11,692	143	40,140	13	1,586			45	11,703
10	Clothing, women's, dressmaking	1	360	171	56,068					12	795
11	Confectionery	74	40,464	63	13,828	8	1,400			1	130
12	Dyeing and cleaning	5	2,720	3	480						
13	Flouring and grist mill products	10	5,980								
14	Foundry and machine shop products	297	216,949								
15	Ironwork, architectural and ornamental	95	68,372								
16	Jewelry. (See also Watch, clock, and jewelry repairing.)	41	49,430								
17	Liquors, malt. (See also Bottling.)	107	84,184								
18	Looking-glass and picture frames	6	4,022								
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	368	258,925			3	860				
20	Marble and stone work. (See also Monuments and tombstones.)	155	131,600								
21	Masonry, brick and stone. (See also Plastering and stuccowork.)	238	197,542								
22	Millinery, custom work			26	12,890					8	1,900
23	Monuments and tombstones. (See also Marble and stone work.)	10	6,836								
24	Painting and paper hanging	183	148,653								
25	Paving and paving materials	192	108,700								
26	Photography	27	19,030	11	4,031	2	270				
27	Plastering and stuccowork. (See also Masonry, brick and stone.)	12	9,300								
28	Plumbing and gas fitting	261	183,547			9	2,184				
29	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	200	129,505	33	11,623	37	8,288	2	656		
30	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	234	243,445	7	3,384	8	1,110	61	34,260		
31	Saddlery and harness	95	64,050								
32	Shirts	1	300	14	4,272						
33	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	99	55,511	3	780	1	160	15	10,000		
34	Tobacco, cigars and cigarettes	85	56,078	10	4,286	15	2,788				
35	Trunks and valises	11	8,104			1	120				
36	Watch, clock, and jewelry repairing. (See also Jewelry.)	14	8,980								
37	All other industries	2,304	1,410,298	165	48,321	44	6,472	34	21,358		

BY SPECIFIED INDUSTRIES: 1890—Continued.

OAKLAND, 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.	
		$119,680	$118,000	$1,680				$266,840	$156,700	$110,140	25
		9,842	9,350	300	$192			31,900	31,900		26
		53,119	48,674	1,998	200		$2,247	324,580	323,580	1,000	27
		18,696	18,600	96				50,566	36,990	13,576	28
		10,455	10,060	395				28,000	28,000		29
		21,375	20,425	650			300	64,700	34,500	30,200	30
		19,068	16,855				2,213	58,665	58,665		31
		4,260	4,250				10	29,890	6,600	23,290	32
84	$12,808	2,127,659	1,839,102	190,100	392	$12,369	85,687	3,907,553	3,857,434	50,119	33

OMAHA, NEB.—Continued.

		29,260,102	27,988,803	646,379	4,881	13,277	606,762	42,339,321	41,722,381	616,940	1
		59,833	51,135	4,002			4,696	339,475	286,950	52,525	2
		20,076	18,315	1,057			704	95,307	64,787	30,520	3
		392,811	304,477	13,127			75,207	689,410	689,410		4
		153,658		124,468			29,190	640,410	640,410		5
		624,629	584,685	314			39,630	1,178,740	1,150,190	28,550	6
		129,944	126,777	1,697			1,470	265,475	166,675	98,800	7
		182,809	180,256	1,850			703	520,659	500,844	19,815	8
		161,850	160,000	380	1,470			320,350	320,350		9
		46,123	37,540	2,155			6,428	170,849	168,199	2,650	10
		245,087	156,257	5,660	200	100	82,870	416,947	416,947		11
		980	590	390				10,040	10,040		12
		93,689	86,759	2,100			4,830	123,857	123,857		13
		394,167	378,073	10,044			6,050	727,600	718,200	9,400	14
		99,727	92,740	805	132		6,050	231,240	231,000	240	15
		34,320	33,600	370			350	137,500	137,500		16
		299,401	205,734	33,538			60,129	865,993	865,993		17
		5,015	4,933	32			50	18,400	18,400		18
		383,758	369,640	7,601		500	6,017	865,000	861,000	4,000	19
		122,340	121,500	840				314,000	314,000		20
		342,150	313,650	200			28,300	661,600	651,600	10,000	21
		39,220	38,650	445			125	79,200	79,200		22
		16,700	16,700					49,850	49,850		23
		128,050	124,800				3,250	364,742	364,742		24
		262,807	248,566	4,741			9,500	538,415	538,415		25
		22,710	21,326	784			600	103,780	103,580	200	26
		6,555	5,930				625	24,300	24,300		27
		371,736	363,384	2,852			5,500	728,696	723,696	5,000	28
		145,213	136,650	4,424	220		3,919	486,351	486,351		29
		195,910	142,160	6,161	1,375		46,214	929,576	883,345	46,231	30
		108,086	106,608	899	204		375	276,404	269,754	6,650	31
		6,330	5,950	50	100		230	19,000	19,000		32
		98,643	94,877	1,764			2,002	278,750	275,550	3,200	33
		69,108	61,905	723			6,480	219,045	219,045		34
		7,410	7,275	135				24,600	24,000	600	35
		15,125	14,920	155			50	41,070	40,070	1,000	36
		23,974,132	23,372,441	412,616	1,180	12,677	175,218	29,581,790	29,284,231	297,559	37

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OSHKOSH, WIS.

	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)	423	$488,890	$6,461,812	$679,831	$732,959	$1,153,571	$701,319	$1,687,847	$1,506,285
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	11	4,955	22,460	7,300	7,450	2,435	1,125	1,000	3,150
3	Boots and shoes, custom work and repairing	19	9,470	22,200	7,450	7,400	2,600	1,189	456	3,105
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	8	225	21,108	6,375	8,242	4,064	124	83	2,220
5	Bread and other bakery products	12	9,065	51,635	15,425	19,662	7,830	1,665	1,788	5,265
6	Brooms and brushes	3	1,615	1,231	150	100	263	357	86	275
7	Carpentering	37	12,850	76,335	7,650	5,525	12,440	5,375	14,920	31,025
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	10	14,500	364,202	35,500	84,600	48,100	47,858	54,683	93,461
9	Clothing, men's, custom work and repairing	21	48,850	43,763	400	700	3,710	26,825	1,680	10,448
10	Clothing, women's, dressmaking	42	32,500	26,104	6,150	9,100	4,442	.....	1,171	5,241
11	Coffins and burial cases, trimming and finishing.	4	9,200	17,904	.....	.....	4,979	5,750	725	6,450
12	Confectionery	5	1,550	19,044	5,500	8,250	1,935	815	684	1,860
13	Cooperage	4	725	7,070	2,200	1,575	1,425	1,075	425	370
14	Dentistry, mechanical	5	8,435	6,415	.....	.....	2,875	1,750	140	1,650
15	Druggists' preparations, not including prescriptions.	4	3,065	14,090	5,000	4,000	1,055	1,800	1,135	1,700
16	Fancy articles, not elsewhere specified	3	4,675	3,830	.....	.....	410	2,505	685	230
17	Flouring and grist mill products	5	500	116,155	10,000	31,600	51,000	8,980	2,375	12,200
18	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	12	16,800	297,160	31,000	23,700	113,136	19,830	46,616	62,878
19	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	6	15,800	39,995	3,800	3,500	5,900	9,150	3,970	13,675
20	Furniture, factory product. (See also Furniture, chairs.)	3	.....	490,626	22,500	96,000	61,000	62,208	117,218	131,700
21	Lime and cement	3	.....	30,700	15,500	3,700	3,000	2,500	.....	6,000
22	Liquors, malt. (See also Bottling.)	4	1,050	150,788	16,500	50,500	31,500	7,212	14,856	30,180
23	Lumber and other mill products from logs or bolts.	14	11,000	3,114,396	298,956	153,980	424,647	314,132	1,224,473	698,208
24	Masonry, brick and stone. (See also Plastering and stuccowork.)	15	12,450	33,025	800	1,200	7,425	1,500	4,500	17,600
25	Millinery, custom work	15	46,675	25,540	.....	.....	1,065	12,650	3,025	8,800
26	Monuments and tombstones. (See also Marble and stone work.)	4	2,100	25,675	5,000	2,500	1,025	3,800	4,500	8,850
27	Painting and paper hanging	28	21,500	27,748	3,775	3,400	3,925	3,480	8,133	5,035
28	Photography	8	16,120	15,890	1,000	2,500	8,050	1,970	745	1,625
29	Plastering and stuccowork. (See also Masonry, brick and stone.)	3	550	1,255	175	200	505	.....	225	150
30	Plumbing and gas fitting	4	5,180	33,340	5,800	5,000	2,740	5,900	1,500	12,400
31	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	4	10,500	8,544	.....	.....	5,950	810	304	1,480
32	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	6	26,000	52,907	.....	.....	39,636	4,371	850	8,050
33	Pumps, not including steam pumps	4	1,910	33,875	3,700	2,900	15,175	3,150	5,650	3,300
34	Saddlery and harness	7	11,740	15,585	.....	.....	980	3,005	4,250	7,350
35	Shipbuilding	4	1,735	7,275	.....	150	1,500	1,175	2,450	2,000
36	Slaughtering and meat packing, wholesale	3	7,000	31,300	10,000	8,500	4,800	.....	.....	8,000
37	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	11	11,800	31,450	5,000	6,100	4,650	5,650	2,200	7,850
38	Tobacco, cigars and cigarettes	18	37,506	70,271	6,700	7,800	1,860	17,006	9,705	27,200
39	Watch, clock, and jewelry repairing	10	19,700	29,667	5,000	11,500	6,900	1,910	182	4,175
40	All other industries (b)	44	49,600	1,080,654	136,125	161,625	258,639	112,717	150,419	261,129

OSWEGO, N. Y.

1	All industries	249	696,202	6,254,200	406,008	1,146,385	1,286,140	758,335	1,241,276	1,416,056
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	17	11,622	16,844	3,000	3,652	3,550	1,042	385	5,215
3	Boots and shoes, custom work and repairing	18	8,450	22,353	6,113	7,180	2,930	877	1,268	3,985
4	Bread and other bakery products	8	9,365	34,449	4,750	8,450	9,790	2,100	1,750	7,609
5	Carpentering	16	6,425	50,740	8,150	7,050	7,300	3,295	10,675	14,270
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	3	3,350	29,138	5,000	7,200	2,350	3,400	2,741	8,447
7	Clothing, men's, custom work and repairing	11	36,825	74,345	2,700	6,000	3,475	18,960	7,335	35,875
8	Clothing, women's, dressmaking	8	6,285	9,145	2,200	4,300	1,045	400	550	650
9	Confectionery	7	8,575	9,229	1,900	3,300	2,525	287	67	1,150
10	Cooperage	9	1,640	10,972	1,325	1,850	975	4,490	1,050	1,282
11	Dentistry, mechanical	7	6,500	11,907	100	300	9,450	732	228	1,097

a Excludes returns from manufacturers of "Timber products, not manufactured at mill" having offices in Oshkosh. 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 Oshkosh are as follows: number of establishments reporting, 10; capital, direct investment, $544,345; miscellaneous expenses, $23,064; average number of employés, 434; total wages, $71,379; cost of material used, $53,250; value of products, $182,042.

b Embraces awnings, tents, and sails, 1; bookbinding and blank-book making, 1; boxes, cigar, 1; boxes, wooden packing, 1; brick and tile, 1; carpets, rag, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

OSHKOSH, WIS.

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.	
$520,149	$43,058	$78,614	$81,131	$51,769	.....	$74,712	$196,865	5,383	$2,019,026	378	$280,858	88	$25,146	1
1,035	545	176	185	.....	.....	129	.....	21	12,260	11	7,171	.....	.....	2
1,239	947	134	123	10	.....	.....	25	23	10,623	13	6,009	.....	.....	3
532	20	207	42	.....	.....	8	255	16	5,212	6	3,370	.....	.....	4
1,607	816	409	270	70	.....	42	.....	38	16,480	11	7,420	4	1,716	5
174	145	4	.....	.....	.....	.....	25	6	1,639	3	1,120	.....	.....	6
2,488	1,350	186	882	50	.....	20	.....	357	154,621	41	22,584	.....	.....	7
19,473	1,175	3,198	3,150	3,100	.....	2,200	6,650	260	121,420	12	14,400	4	1,264	8
6,507	4,397	389	330	.....	.....	91	1,300	143	63,886	13	11,316	1	250	9
2,850	2,600	129	121	.....	.....	.....	.....	211	44,448	.....	.....	47	12,331	10
1,260	736	128	201	.....	.....	160	35	12	6,048	3	2,268	.....	.....	11
423	124	172	110	.....	.....	8	.....	8	3,832	3	2,396	1	450	12
98	80	7	11	.....	.....	.....	.....	6	2,524	2	1,000	.....	.....	13
790	675	20	21	.....	.....	.....	74	11	9,128	5	4,744	.....	.....	14
353	230	71	52	.....	.....	.....	.....	6	580	3	415	.....	.....	15
472	444	11	17	.....	.....	.....	.....	5	989	.....	.....	3	625	16
6,490	50	898	2,932	1,600	.....	1,010	.....	22	11,420	1	1,000	.....	.....	17
23,884	1,372	1,124	1,521	1,965	.....	3,627	14,275	142	90,269	13	14,965	1	180	18
4,428	1,579	356	346	350	.....	740	1,057	41	23,878	9	5,842	1	240	19
43,814	.....	1,694	6,490	4,100	.....	11,680	19,850	444	115,100	10	10,100	1	300	20
470	.....	300	70	.....	.....	.....	100	45	12,067	7	2,350	.....	.....	21
21,634	100	15,116	866	1,662	.....	.....	3,890	34	18,456	5	3,900	.....	.....	22
246,740	1,180	36,435	53,293	25,925	.....	47,841	82,066	2,016	644,799	29	30,087	1	500	23
1,484	1,120	41	207	.....	.....	116	.....	206	100,240	17	9,926	.....	.....	24
4,185	3,734	221	230	.....	.....	.....	.....	43	12,117	3	1,800	14	4,222	25
1,203	210	223	90	175	.....	105	400	16	8,454	4	2,900	.....	.....	26
2,635	1,618	209	93	.....	.....	95	625	112	55,196	28	16,528	.....	.....	27
1,459	1,209	109	126	.....	.....	15	.....	25	13,206	8	6,862	.....	.....	28
109	50	3	6	.....	.....	50	.....	14	7,473	4	2,611	.....	.....	29
1,116	492	373	146	.....	.....	70	35	26	17,052	4	4,056	.....	.....	30
1,124	850	50	74	25	.....	75	50	10	3,081	2	536	.....	.....	31
8,782	2,183	380	349	290	.....	200	5,380	109	40,159	9	7,110	5	900	32
1,122	210	69	260	400	.....	133	50	25	14,618	2	2,400	.....	.....	33
1,349	1,174	94	81	.....	.....	.....	.....	12	4,898	5	1,883	.....	.....	34
361	310	24	27	.....	.....	.....	.....	20	8,973	5	2,693	.....	.....	35
1,462	600	662	95	105	.....	.....	.....	9	6,044	3	2,300	.....	.....	36
1,679	1,122	362	171	.....	.....	24	.....	27	16,675	2	1,404	.....	.....	37
15,390	3,081	8,800	340	.....	.....	159	3,010	90	40,520	14	10,974	.....	.....	38
1,988	1,576	238	154	.....	.....	.....	20	15	9,832	9	6,342	.....	.....	39
93,940	4,959	5,592	7,040	11,942	.....	6,114	57,693	757	289,810	59	48,077	5	2,168	40

OSWEGO, N. Y.

684,969	54,842	58,255	40,882	68,612	.....	111,578	350,800	3,415	1,503,643	402	386,254	46	15,037	1
1,583	1,046	166	79	205	.....	40	47	33	16,087	20	10,657	.....	.....	2
1,593	718	262	186	123	.....	.....	304	38	13,436	18	8,197	.....	.....	3
4,386	749	330	362	305	.....	840	1,800	44	18,749	14	7,685	7	2,502	4
2,715	578	470	499	270	.....	225	673	120	60,912	18	12,652	.....	.....	5
966	285	222	171	200	.....	88	.....	22	10,536	5	2,840	.....	.....	6
4,353	2,578	265	478	25	.....	55	952	114	41,622	19	14,283	3	550	7
645	440	148	22	.....	.....	.....	35	39	9,187	.....	.....	8	4,200	8
907	600	80	100	57	.....	.....	70	14	3,896	6	1,715	2	292	9
722	164	92	136	20	.....	310	.....	37	15,745	7	2,497	.....	.....	10
596	454	10	36	10	.....	.....	86	11	3,650	7	3,200	.....	.....	11

carriage and wagon materials, 1; china, decorating, 1; dyeing and cleaning, 2; fur goods, 1; furniture, chairs, 1; gas, illuminating and heating, 1; grease and tallow, 1; hairwork, 1; hay and straw, baling, 2; house furnishing goods, not elsewhere specified, 1; liquors, vinous, 2; lock and gun smithing, 1; lumber, planing mill products, including sash, doors, and blinds, 1; marble and stone work, 2; matches, 1; mattresses and spring beds, 1; mineral and soda waters, 2; paints, 1; paving and paving materials, 2; pickles, preserves, and sauces, 1; refrigerators, 1; roofing and roofing materials, 1; saws, 1; soap and candles, 1; steam fittings and heating apparatus, 1; stencils and brands, 1; straw goods, not elsewhere specified, 1; tools, not elsewhere specified, 2; trunks and valises, 2; vinegar and cider, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OSHKOSH, 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.
1	All industries	3,826	$1,472,128	368	$79,603	120	$18,159	238	$105,313	365	$37,819
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	10	5,098								
3	Boots and shoes, custom work and repairing	8	3,678					2	936		
4	Bottling. (See also Liquors, malt; Mineral and soda waters.)	4	1,342			6	500				
5	Bread and other bakery products	15	5,969	6	1,075	2	300				
6	Brooms and brushes	1	286	1	208	1	25				
7	Carpentering	316	132,037								
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	210	92,734	11	3,012			19	9,050	4	960
9	Clothing, men's, custom work and repairing	29	16,831	21	4,987			38	20,018	41	10,484
10	Clothing, women's, dressmaking			164	32,117						
11	Coffins and burial cases, trimming and finishing	9	4,680								
12	Confectionery	2	680	2	306						
13	Cooperage	3	1,074					1	450		
14	Dentistry, mechanical	6	4,384								
15	Druggists' preparations, not including prescriptions.	3	165								
16	Fancy articles, not elsewhere specified			2	364						
17	Flouring and grist mill products	21	10,420								
18	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	126	74,070					2	1,054		
19	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	29	17,316			2	480				
20	Furniture, factory product. (See also Furniture, chairs.)	182	70,406	1	477	7	667	43	22,650	200	10,500
21	Lime and cement	38	9,717								
22	Liquors, malt. (See also Bottling.)	29	14,556								
23	Lumber and other mill products from logs or bolts.	1,843	584,061	54	12,556	55	10,580	26	5,964	8	1,051
24	Masonry, brick and stone. (See also Plastering and stuccowork.)	189	90,314								
25	Millinery, custom work			25	6,070	1	25				
26	Monuments and tombstones. (See also Marble and stone work.)	12	5,554								
27	Painting and paper hanging	84	38,668								
28	Photography	8	3,759	8	2,415					1	260
29	Plastering and stuccowork. (See also Masonry, brick and stone.)	10	4,862								
30	Plumbing and gas fitting	22	12,996								
31	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	8	2,546								
32	Printing and publishing, newspapers and periodicals. (See also bookbinding and blank-book making.)	46	19,728	8	1,884	24	2,594	17	7,943		
33	Pumps, not including steam pumps	17	8,828			2	390	4	3,000		
34	Saddlery and harness	6	2,990					1	25		
35	Shipbuilding	15	6,280								
36	Slaughtering and meat packing, wholesale	6	3,744								
37	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	25	15,271								
38	Tobacco, cigars and cigarettes	15	7,572	11	2,456	9	948	41	18,570		
39	Watch, clock, and jewelry repairing	4	2,840			1	150	1	500		
40	All other industries	475	196,672	54	11,676	10	1,500	43	15,153	111	14,564

OSWEGO, N. Y.—Continued.

1	All industries	1,869	837,566	275	58,190	73	4,456	306	115,309	444	86,831
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	12	5,330					1	100		
3	Boots and shoes, custom work and repairing	2	724	1	75			17	4,440		
4	Bread and other bakery products	20	8,279	1	156	2	127				
5	Carpentering	102	48,260								
6	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	16	7,546					1	150		
7	Clothing, men's, custom work and repairing	23	12,300	47	10,250	1	136	8	2,208	13	1,895
8	Clothing, women's, dressmaking			31	4,987						
9	Confectionery	3	1,460	2	179	1	250				
10	Cooperage	2	300					28	12,948		
11	Dentistry, mechanical	3	320					1	130		

BY SPECIFIED INDUSTRIES: 1890—Continued.

OSHKOSH, WIS.—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.										
.....	.....	$4,668,843	$4,443,045	$37,567	.....	$55,030	$133,201	$8,620,626	$8,206,908	$413,718	1
.....	.....	4,445	3,806	454	.....	.....	185	25,394	19,864	5,530	2
.....	.....	6,445	6,014	95	.....	.....	336	23,129	9,282	13,847	3
.....	.....	16,910	15,951	59	.....	.....	900	29,222	29,222	.....	4
.....	.....	26,953	24,638	1,288	.....	.....	1,027	68,772	68,772	.....	5
.....	.....	2,217	2,077	10	.....	.....	130	4,745	4,745	.....	6
.....	.....	182,965	169,838	50	.....	10	13,067	398,619	338,122	60,497	7
.....	.....	199,237	171,053	3,759	.....	.....	23,825	394,512	351,136	43,376	8
.....	.....	72,491	72,167	249	.....	.....	75	178,573	172,988	5,585	9
.....	.....	1,154	.....	779	.....	.....	375	62,022	60,207	1,815	10
.....	.....	19,954	19,557	54	.....	.....	343	30,584	21,110	9,474	11
.....	.....	6,596	5,281	317	.....	.....	998	16,472	16,422	50	12
.....	.....	3,600	3,555	9	.....	.....	36	6,665	6,380	285	13
.....	.....	2,686	2,614	18	.....	.....	54	10,250	10,250	.....	14
.....	.....	2,031	1,216	35	.....	.....	780	4,967	3,517	1,450	15
.....	.....	2,838	1,960	45	.....	.....	333	4,800	2,000	2,800	16
.....	.....	226,317	214,987	4,910	.....	220	6,200	266,100	223,480	42,620	17
.....	.....	81,607	72,752	5,070	.....	744	3,041	223,825	172,764	51,061	18
.....	.....	37,149	35,249	430	.....	200	1,270	73,369	59,958	13,411	19
.....	.....	222,771	196,599	2,700	.....	2,100	21,372	552,525	552,525	.....	20
.....	.....	11,241	10,630	575	.....	.....	36	26,516	26,516	.....	21
.....	.....	36,479	30,904	3,300	.....	757	1,428	96,240	93,540	2,700	22
.....	.....	2,514,903	2,467,634	.....	.....	47,269	.....	3,904,550	3,852,728	51,822	23
.....	.....	85,659	85,041	.....	.....	.....	618	214,425	173,709	40,716	24
.....	.....	35,897	35,486	341	.....	.....	70	67,276	64,951	2,325	25
.....	.....	20,059	19,834	55	.....	.....	170	46,323	46,023	300	26
.....	.....	32,960	31,493	89	.....	.....	1,378	105,270	101,670	3,600	27
.....	.....	5,137	4,480	257	.....	.....	400	25,495	25,495	.....	28
.....	.....	2,754	2,754	.....	.....	.....	.....	12,372	10,772	1,600	29
.....	.....	50,709	49,976	218	.....	.....	515	72,500	71,500	1,000	30
.....	.....	2,162	2,092	70	.....	.....	.....	11,358	11,358	.....	31
.....	.....	14,629	12,494	1,060	.....	.....	1,075	75,631	75,631	.....	32
.....	.....	17,022	16,022	320	.....	.....	680	50,640	46,740	3,900	33
.....	.....	8,577	8,407	50	.....	.....	120	16,482	10,632	5,850	34
.....	.....	11,466	9,508	25	.....	.....	1,933	23,200	21,355	1,845	35
.....	.....	94,921	90,196	225	.....	.....	4,500	112,870	95,669	17,201	36
.....	.....	23,878	21,959	507	.....	.....	1,412	55,944	48,751	7,193	37
.....	.....	45,125	40,013	344	.....	.....	4,768	111,450	110,873	577	38
.....	.....	4,240	3,599	120	.....	.....	521	19,119	12,969	6,150	39
.....	.....	533,159	480,519	9,680	.....	3,730	39,230	1,198,420	1,183,282	15,138	40

OSWEGO, N. Y.—Continued.

.....	.....	4,604,096	4,183,115	41,280	$6,588	203,028	170,085	7,482,378	7,019,253	463,125	1
.....	.....	7,236	6,648	533	.....	.....	55	28,680	12,680	16,000	2
.....	.....	9,198	8,512	.....	.....	.....	686	26,381	13,915	12,466	3
.....	.....	45,775	41,160	2,142	.....	25	2,448	80,546	80,546	.....	4
.....	.....	36,748	33,462	.....	396	.....	2,890	115,520	57,080	58,440	5
.....	.....	7,747	6,547	200	.....	.....	1,000	21,742	6,640	15,102	6
.....	.....	44,060	43,418	130	12	.....	500	102,859	98,494	4,365	7
.....	.....	700	700	.....	.....	.....	.....	12,300	10,300	2,000	8
.....	.....	7,883	7,813	70	.....	.....	.....	13,690	13,690	.....	9
.....	.....	19,403	19,403	.....	.....	.....	.....	39,230	39,230	.....	10
.....	.....	1,896	1,672	10	.....	.....	214	6,000	6,000	.....	11

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OSWEGO, 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
12	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	3	$1,425	$5,595	$1,700	$1,800	$130	$750	$975	$240
13	Flouring and grist mill products	6	48,700	475,750	43,000	57,000	82,500	74,090	43,013	176,147
14	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	7	5,800	787,586	24,100	34,900	109,476	102,323	58,468	458,319
15	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	5	18,150	39,450	7,000	14,000	1,725	4,150	6,925	5,650
16	Liquors, malt	3	.....	111,400	8,500	40,600	29,000	5,800	4,800	22,700
17	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts; Wood, turned and carved.)	4	79,500	206,202	2,000	3,803	50,121	63,880	24,009	62,389
18	Malt. (See also Liquors, malt.)	6	.....	802,000	64,000	202,000	50,000	28,000	308,000	150,000
19	Masonry, brick and stone	6	1,275	9,510	800	750	850	685	1,650	4,775
20	Millinery, custom work	9	45,725	30,810	2,500	4,500	1,410	14,675	3,300	4,425
21	Mineral and soda waters	3	.....	26,145	3,300	6,000	14,500	550	65	1,730
22	Monuments and tombstones	3	1,335	11,530	1,800	500	580	1,550	5,500	1,600
23	Painting and paper hanging	13	15,680	44,630	2,000	6,500	2,815	16,915	10,450	5,950
24	Photography	4	14,850	4,530	.....	.....	2,700	900	680	250
25	Plumbing and gas fitting	4	10,000	32,105	2,000	2,000	1,650	13,855	8,600	4,000
26	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	6,225	3,185	.....	.....	650	600	500	1,435
27	Saddlery and harness	5	5,785	13,440	1,900	3,800	430	1,600	3,400	2,310
28	Soap and candles	3	.....	7,825	500	2,950	2,400	1,200	625	150
29	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	9	11,100	49,747	3,700	6,700	3,850	7,405	13,940	14,152
30	Tobacco, cigars and cigarettes	3	2,675	4,730	.....	.....	400	1,100	580	2,650
31	Watch, clock, and jewelry repairing	4	12,140	7,220	1,000	1,000	2,600	1,100	670	850
32	All other industries (a)	42	316,850	3,311,688	200,970	708,300	884,963	381,624	719,077	416,754

PATERSON, N. J.

1	All industries	599	3,654,328	27,603,549	1,950,236	4,016,068	7,692,190	2,770,389	6,726,947	4,447,719
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	25	29,600	59,905	20,300	12,000	9,375	3,415	2,815	12,000
3	Boxes, fancy and paper	4	26,300	23,540	400	200	7,550	5,700	1,190	8,500
4	Brass castings and brass finishing	4	1,950	11,150	2,500	1,000	3,600	2,300	100	1,650
5	Bread and other bakery products	39	120,700	153,024	28,400	61,300	19,925	18,706	1,810	22,883
6	Card cutting and designing	5	16,400	18,000	.....	.....	12,500	305	520	4,675
7	Carpentering	47	29,100	401,939	62,600	51,825	37,560	31,870	99,962	118,122
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	9	.....	111,650	41,700	30,000	5,400	5,850	9,000	18,800
9	Clothing, men's, custom work and repairing	27	108,200	107,810	10,800	18,700	3,775	42,010	3,900	28,625
10	Clothing, women's, dressmaking	25	41,000	17,215	.....	.....	3,290	7,155	5,375	1,395
11	Confectionery	17	104,000	132,170	58,000	34,000	13,910	4,350	11,710	10,200
12	Cotton goods. (See also Hosiery and knit goods.)	3	.....	743,569	55,000	162,000	293,000	36,662	96,507	101,000
13	Dentistry, mechanical	6	26,100	8,700	.....	.....	4,900	2,125	100	1,575
14	Dyeing and finishing textiles	22	113,800	1,283,206	127,736	290,022	446,835	174,851	34,900	208,862
15	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	29	114,900	2,054,421	188,631	580,659	699,605	146,171	128,524	910,831
16	Ironwork, architectural and ornamental	3	4,435	130,900	25,000	15,000	86,900	500	1,900	[illegible]
17	Jute and jute goods	5	10,000	1,300,398	88,800	289,000	407,250	193,284	129,530	192,534
18	Liquors, malt. (See also Bottling.)	6	.....	1,865,889	153,400	399,000	418,486	27,122	156,027	711,854
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	5	6,000	146,341	44,800	18,515	14,600	13,300	19,550	35,576
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	10	3,300	94,150	2,850	3,950	7,250	7,000	33,050	40,050
21	Millinery, custom work	10	49,500	33,282	1,500	3,500	1,025	17,837	2,076	7,344
22	Mineral and soda waters. (See also Bottling.)	8	11,250	85,050	20,700	26,000	22,000	6,750	2,100	8,100
23	Painting and paper hanging	27	55,560	96,785	10,700	11,300	11,740	11,265	21,135	30,645
24	Photography	9	62,600	48,600	16,000	4,000	16,900	8,325	2,325	1,050
25	Plumbing and gas fitting	35	85,800	224,215	24,300	36,300	28,255	23,650	42,260	69,450
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	5	14,500	24,707	2,000	5,000	14,200	1,003	199	2,245
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	9	43,500	202,985	27,500	24,000	110,875	3,425	1,805	35,380
28	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	3	3,800	4,550	300	200	1,900	750	400	1,000
29	Saddlery and harness	10	42,900	26,640	1,700	1,200	1,105	4,250	6,085	12,300

a Embraces awnings, tents, and sails, 1; cars and general shop construction and repairs by steam railroad companies, 1; clay and pottery products, 1; coffins and burial cases, trimming and finishing, 1; coffins, burial cases, and undertakers' goods, 1; cotton goods, 1; dyeing and cleaning, 2; electric light and power, 2; gas, illuminating and heating, 1; hairwork, 1; hardware, 2; hosiery and knit goods, 2; ironwork, architectural and ornamental, 1; leather, tanned and curried, 1; lock and gun smithing, 1; looking-glass and picture frames, 1; lumber and other mill products from logs or bolts, 1; matches, 1; mattresses and spring beds, 1;

BY SPECIFIED INDUSTRIES: 1890—Continued.

OSWEGO, 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.	
$403	$100	$214	$69	.....	.....	.....	$20	5	$1,342	4	$1,257	.....	.....	12
43,389	3,550	2,726	13,430	$4,415	.....	$11,683	7,585	74	45,051	18	16,500	.....	.....	13
47,510	380	1,675	1,537	2,575	.....	37,858	3,485	286	126,901	18	16,200	.....	.....	14
2,951	1,634	400	346	.....	.....	.....	571	24	11,962	8	5,570	.....	.....	15
22,452	.....	19,800	500	775	.....	892	485	25	18,090	7	8,050	.....	.....	16
19,515	6,440	143	2,936	1,300	.....	1,200	7,496	165	71,361	9	6,747	2	$689	17
51,580	.....	7,280	4,925	3,825	.....	17,300	18,250	114	55,570	11	16,410	.....	.....	18
1,599	115	48	6	130	.....	.....	1,300	51	21,552	7	3,750	.....	.....	19
4,683	3,201	192	467	103	.....	.....	720	47	14,924	4	3,024	14	3,415	20
1,744	.....	620	545	500	.....	.....	79	10	5,880	3	2,340	.....	.....	21
540	120	100	20	100	.....	.....	200	9	5,424	4	3,300	.....	.....	22
2,407	1,333	180	59	.....	.....	.....	835	110	65,995	15	13,120	.....	.....	23
1,364	1,040	.....	42	4	.....	25	253	12	4,157	2	1,600	1	300	24
1,272	800	85	37	.....	.....	.....	350	39	29,950	6	11,500	.....	.....	25
756	560	5	6	25	.....	85	75	9	3,892	3	1,470	.....	.....	26
1,185	545	138	160	90	.....	20	232	12	5,985	5	3,179	.....	.....	27
328	.....	100	63	15	.....	.....	150	5	1,800	2	1,200	.....	.....	28
1,898	1,000	235	288	70	.....	.....	305	51	25,983	14	8,920	1	600	29
2,759	214	2,420	30	.....	.....	6	89	26	8,229	4	2,028	.....	.....	30
1,241	850	75	51	135	.....	.....	130	9	4,596	2	1,196	.....	.....	31
456,927	25,348	19,774	13,296	53,335	.....	40,951	304,223	1,860	781,269	142	190,167	8	2,489	32

PATERSON, N. J.

2,143,313	309,174	370,134	104,395	269,545	$7,070	218,821	864,174	24,232	11,578,082	958	1,106,560	76	31,797	1
3,914	2,662	423	138	.....	.....	.....	691	61	34,714	8	4,990	.....	.....	2
3,473	1,846	379	357	190	.....	186	515	79	25,233	6	4,365	.....	.....	3
403	195	80	18	.....	.....	.....	110	11	6,860	5	2,680	.....	.....	4
25,097	9,656	1,010	573	2,350	.....	150	11,349	138	77,454	42	28,758	3	1,196	5
1,291	988	9	127	.....	.....	42	125	28	13,766	6	5,252	.....	.....	6
19,480	2,619	1,487	1,985	320	.....	608	12,461	688	481,218	42	43,366	1	312	7
3,545	.....	818	497	350	.....	1,080	800	80	48,267	10	9,020	1	208	8
11,690	8,656	1,114	520	25	.....	.....	1,375	162	81,366	24	17,432	.....	.....	9
4,053	3,680	175	98	.....	.....	.....	100	113	30,551	.....	.....	17	6,540	10
15,055	6,240	1,282	573	625	.....	330	6,005	75	37,844	16	10,552	10	3,268	11
15,640	.....	4,565	625	8,850	.....	.....	1,600	566	168,793	4	5,500	.....	.....	12
2,090	1,824	12	29	.....	.....	.....	225	11	6,670	7	4,590	.....	.....	13
105,009	11,917	6,654	6,345	18,781	.....	300	61,012	1,266	721,586	54	63,141	.....	.....	14
71,525	9,201	24,220	8,159	14,685	.....	3,871	11,389	3,051	1,716,801	89	99,687	1	390	15
7,487	355	1,265	659	.....	.....	.....	5,208	176	92,848	8	9,360	.....	.....	16
61,282	700	7,427	4,785	18,550	.....	11,020	18,800	336	237,580	6	6,100	.....	.....	17
434,334	.....	104,411	4,622	4,747	.....	.....	230,554	177	162,101	28	50,250	1	1,040	18
11,370	480	882	1,230	2,300	.....	1,578	4,900	90	56,508	13	14,050	.....	.....	19
4,644	330	132	60	.....	.....	.....	4,122	164	132,388	10	11,070	1	500	20
4,394	3,468	198	228	.....	.....	.....	500	65	21,299	3	2,299	9	3,247	21
17,618	900	888	639	1,450	.....	1,800	11,941	63	33,326	13	10,204	.....	.....	22
9,299	3,878	295	324	.....	.....	.....	4,802	198	142,690	19	14,238	.....	.....	23
4,687	3,755	291	141	.....	.....	.....	500	37	22,305	9	7,980	.....	.....	24
17,685	6,866	1,366	973	800	.....	36	7,644	279	172,994	22	19,980	.....	.....	25
2,385	1,137	73	174	134	.....	69	798	30	12,742	6	4,369	1	250	26
18,134	3,410	1,450	813	550	.....	660	11,251	144	95,941	14	22,985	.....	.....	27
1,186	330	2	30	.....	.....	.....	824	10	5,784	1	600	.....	.....	28
4,016	3,002	182	157	.....	.....	.....	675	32	15,981	9	5,532	.....	.....	29

paints, 1; patent medicines and compounds, 1; printing and publishing, book and job, 2; printing and publishing, newspapers and periodicals, 2; pulp goods, 1; shipbuilding, 2; silk and silk goods, 1; springs, steel, car and carriage, 2; starch, 1; steam fittings and heating apparatus, 1; tools, not elsewhere specified, 1; umbrellas and canes, 1; window shades, 2; wood, turned and carved, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

OSWEGO, N. Y.—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.
12	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds.)	1	$85								
13	Flouring and grist mill products	56	28,551								
14	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	268	110,701								
15	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	15	5,042					1	$450		
16	Liquors, malt	18	10,040								
17	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts; Wood, turned and carved.)	154	63,925								
18	Malt. (See also Liquors, malt.)	78	29,160					25	10,000		
19	Masonry, brick and stone	44	17,802								
20	Millinery, custom work	2	1,500	24	$6,780	3	$205				
21	Mineral and soda waters	6	3,340					1	200		
22	Monuments and tombstones	5	2,124								
23	Painting and paper hanging	93	47,675	1	100			1	100		
24	Photography	4	1,684	5	573						
25	Plumbing and gas fitting	33	18,450								
26	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	6	2,422								
27	Saddlery and harness	7	2,806								
28	Soap and candles	3	600								
29	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	36	16,463								
30	Tobacco, cigars and cigarettes	2	560	1	130			2	1,101	17	$4,410
31	Watch, clock, and jewelry repairing	7	3,310								
32	All other industries	848	385,907	162	34,960	66	3,738	220	83,482	414	80,626

PATERSON, N. J.—Continued.

1	All industries	10,766	6,069,067	5,851	1,733,476	805	127,461	3,746	1,848,134	1,967	645,988
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	52	29,535					1	180		
3	Boxes, fancy and paper	15	6,656	19	5,576	23	4,180	4	1,456	12	3,000
4	Brass castings and brass finishing	6	4,180								
5	Bread and other bakery products	87	46,500	1	120	5	880				
6	Card cutting and designing	13	5,430	1	312	2	286	3	1,940		
7	Carpentering	645	437,540								
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	69	39,039								
9	Clothing, men's, custom work and repairing	41	22,154	2	718	1	140	81	37,260	13	3,662
10	Clothing, women's, dressmaking			92	23,616	1	110			3	285
11	Confectionery	38	20,790	10	2,974	1	260				
12	Cotton goods. (See also Hosiery and knit goods.)	283	98,774	278	64,344	1	175				
13	Dentistry, mechanical	3	2,030			1	50				
14	Dyeing and finishing textiles	1,109	613,995	41	14,144	2	306	60	30,000		
15	Foundry and machine shop products. (See also Steam fittings and heating apparatus.)	1,892	1,099,294	99	25,680	17	3,202	916	472,648	37	15,900
16	Ironwork, architectural and ornamental	168	83,488								
17	Jute and jute goods	226	89,772	417	105,776	132	19,032			55	16,900
18	Liquors, malt. (See also Bottling.)	146	110,480			2	331				
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Wood, turned and carved.)	69	40,658	6	1,350	2	450				
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	153	120,818								
21	Millinery, custom work			52	15,628					1	125
22	Mineral and soda waters. (See also Bottling.)	44	22,058			6	1,064				
23	Painting and paper hanging	178	128,302					1	150		
24	Photography	23	13,355	3	710	1	104			1	156
25	Plumbing and gas fitting	256	152,764					1	250		
26	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	18	7,504			5	619				
27	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	78	52,652	1	520	7	1,066	12	6,990	32	11,728
28	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	9	5,184								
29	Saddlery and harness	21	10,193			1	156	1	100		

BY SPECIFIED INDUSTRIES: 1890—Continued.

OSWEGO, N. Y.—Continued.

AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued. Piceworkers—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.	
		$2,291	$1,822				$469	$6,000	$6,000		12
		929,049	881,112	$25	$1,412	$200	47,200	1,055,632	1,026,632	$29,000	13
		180,207	125,690	5,827		1,365	47,325	412,177	345,989	66,188	14
		18,528	18,293		75		160	35,621	32,517	3,104	15
		36,015	34,275	1,425		245	70	112,150	112,150		16
		174,115	170,358			3,757		275,024	269,524	5,500	17
		542,327	533,014	7,378	835	600	500	730,140	729,290	850	18
		17,783	17,783					44,522	9,522	35,000	19
		41,265	40,900				365	70,660	68,350	2,310	20
		1,941	1,200	130			611	13,400	11,600	1,800	21
		4,600	4,600					12,733	12,633	100	22
		29,705	29,600	5			100	108,925	99,725	9,200	23
		5,272	5,211				61	12,024	12,024		24
		27,256	27,000	196			60	70,000	43,000	27,000	25
		5,444	4,864	80			500	10,370	9,070	1,300	26
		4,745	4,660				85	13,250	4,723	8,527	27
		13,922	13,422	174			326	18,509	11,749	6,760	28
		21,565	18,439	576			2,550	53,264	18,064	35,200	29
		6,259	4,976				1,283	19,456	19,456		30
		1,576	1,253	3			320	8,218	1,268	6,950	31
		2,358,085	2,075,308	22,376	3,858	196,836	60,307	3,953,355	3,837,392	115,963	32

PATERSON, N. J.—Continued.

63	$15,599	22,480,727	21,561,186	520,040	56,366	100,789	242,346	42,263,531	41,134,032	1,129,499	1
		20,710	19,091	1,419			200	80,338	68,488	11,850	2
		35,629	34,828	206	115		480	78,098	78,098		3
		6,281	5,885	386		10		13,973	13,773	200	4
		223,704	217,703	5,896			105	349,462	349,462		5
3	546	10,430	9,814	49	397	50	120	26,400	26,400		6
		579,914	575,993	1,121	200	400	2,200	1,189,693	1,080,356	109,337	7
		37,997	36,796	901			300	97,476	52,168	45,308	8
		100,282	100,125	157				214,403	210,183	4,220	9
		6,503	6,400	53			50	56,024	55,674	350	10
		81,071	71,172	1,498	312	100	7,989	171,780	168,080	3,700	11
		336,380	291,371	15,921	7,025	21,713	350	729,294	315,741	413,553	12
		1,949	1,915	34				14,542	11,322	3,220	13
		1,118,691	1,041,374	67,017	600		9,700	2,252,316	2,227,316	25,000	14
		1,960,370	1,813,153	92,593	1,290	34,632	18,702	4,048,592	3,872,503	176,089	15
		165,210	156,144	5,066		1,000	3,000	321,613	321,613		16
		245,426	236,776	8,200		300	150	575,980	575,980		17
		432,989	416,158	15,931			900	1,292,247	1,292,247		18
		78,675	76,225	720	480	1,250		179,155	143,405	35,750	19
		107,600	107,600					262,327	252,826	9,501	20
		38,765	38,765					76,422	76,422		21
		41,876	27,450	579			13,847	127,697	127,697		22
		85,995	85,830				165	275,064	270,214	4,850	23
		14,088	13,013	100			975	53,620	53,620		24
		259,618	256,718	2,400			500	514,960	452,659	62,301	25
		3,304	2,538	239	210		317	19,290	18,990	300	26
		35,797	30,777	1,010	818		3,192	172,596	172,596		27
		7,007	6,917	90				17,750	17,750		28
		13,106	12,710	196			200	32,549	23,449	9,100	29

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PATERSON, N. J.—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	Silk and silk goods	90	$1,720,000	$12,533,491	$438,019	$1,069,710	$3,546,511	$1,476,070	$4,855,648	$1,147,533
31	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	3	2,680	32,761	600	1,200	3,765	2,700	3,996	20,500
32	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	34	57,700	42,193	4,000	6,800	2,810	9,536	7,647	11,400
33	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	6	6,475	75,858	12,200	21,200	13,800	3,500	6,700	18,458
34	All other industries (*a*)	59	742,778	4,907,855	479,800	837,587	1,421,593	479,192	1,038,101	651,582

PAWTUCKET, R. I.

1	All industries	371	1,330,795	16,093,984	1,094,815	2,727,558	6,126,736	1,605,980	2,290,412	2,848,483
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	15	22,300	11,836	.....	225	3,300	2,536	800	4,975
3	Boots and shoes, custom work and repairing	12	18,000	5,039	.....	.....	2,639	906	419	1,075
4	Bread and other bakery products	6	37,675	42,075	3,600	3,000	12,700	10,000	6,625	6,150
5	Brooms and brushes	4	5,000	33,589	3,000	3,500	6,400	6,208	3,700	10,781
6	Carpentering	15	7,450	163,598	11,882	10,650	15,650	24,490	9,464	91,522
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	4,750	97,890	52,500	18,500	4,750	5,150	3,500	13,490
8	Clothing, men's, custom work and repairing	13	46,150	36,648	.....	.....	4,308	16,705	2,560	13,075
9	Clothing, women's, dressmaking	73	54,450	7,166	.....	.....	6,296	400	.....	470
10	Confectionery	4	7,000	7,285	1,200	1,500	2,550	1,000	525	510
11	Cotton goods. (See also Hosiery and knit goods.)	15	117,330	7,431,004	411,615	1,158,360	3,808,337	625,125	769,543	658,024
12	Dentistry, mechanical	4	12,350	1,060	.....	.....	800	485	75	600
13	Dyeing and cleaning	3	1,550	15,375	2,500	4,000	7,800	358	.....	717
14	Dyeing and finishing textiles	9	197,650	1,635,869	37,050	513,420	328,206	122,897	49,557	584,739
15	Foundry and machine shop products	13	134,200	979,404	95,000	166,000	244,500	28,300	130,650	314,954
16	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	4	19,150	10,750	.....	.....	800	950	6,000	3,000
17	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	7	31,500	636,309	12,200	143,600	253,000	87,368	33,641	106,500
18	Jewelry. (See also Watch, clock, and jewelry repairing.)	6	18,890	103,070	.....	10,000	20,650	7,100	7,050	58,270
19	Leather, tanned and curried	4	15,800	183,634	10,000	10,000	20,600	33,594	78,734	30,706
20	Looking-glass and picture frames	3	6,050	3,065	.....	.....	490	1,450	800	325
21	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.)	4	9,100	43,000	10,000	7,400	9,000	5,900	8,700	2,000
22	Masonry, brick and stone. (See also Plastering and stuccowork.)	9	2,575	29,400	9,000	2,550	8,300	1,000	.....	8,550
23	Millinery, custom work	11	55,750	23,723	.....	.....	525	18,667	1,583	2,948
24	Monuments and tombstones	5	4,875	21,150	2,400	900	2,400	2,000	5,300	8,150
25	Painting and paper hanging	21	32,375	33,440	1,750	1,100	7,350	9,490	.....	13,750
26	Photography	4	15,000	10,500	2,000	1,500	5,200	500	50	1,250
27	Plumbing and gas fitting	8	36,750	36,900	500	400	10,600	6,900	10,200	8,300
28	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	5	15,525	87,139	6,000	9,000	50,350	5,250	6,985	9,554
29	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	5	42,650	91,970	.....	.....	60,500	6,567	2,500	22,403
30	Saddlery and harness	5	8,450	12,286	3,000	1,000	390	1,960	970	4,966
31	Slaughtering and meat packing, wholesale	3	52,100	495,000	1,500	3,000	25,500	50,500	171,000	243,500
32	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	5	17,750	15,350	.....	.....	2,750	2,900	3,200	6,500
33	Tobacco, cigars and cigarettes	11	9,875	56,993	2,400	2,650	1,885	19,542	15,159	15,357
34	Upholstery materials. (See also Woolen goods; Worsted goods.)	3	13,800	374,634	36,534	50,850	72,186	36,656	74,830	103,578
35	Watch, clock, and jewelry repairing. (See also Jewelry.)	8	27,600	8,855	.....	.....	5,250	1,755	.....	1,850
36	Woolen goods. (See also Hosiery and knit goods; Worsted goods.)	3	13,000	1,275,444	75,000	200,000	368,714	177,554	320,676	133,500
37	All other industries (*b*)	47	216,375	2,672,634	304,184	404,453	752,060	283,817	565,676	362,444

a Embraces awnings, tents, and sails, 1; baking and yeast powders, 1; bolting and hose, leather, 2; bookbinding and blank-book making, 2; boot and shoe findings, 1; boots and shoes, custom work and repairing, 2; bottling, 2; brassware, 2; brooms and brushes, 1; carpets, rag, 1; chemicals, 1; clay and pottery products, 1; clothing, men's, factory product, 1; cutlery and edge tools, 1; dyeing and cleaning, 1; felt goods, 1; files, 2; flouring and grist mill products, 2; furniture, cabinetmaking, repairing and upholstering, 1; furniture, factory product, 1; gas, illuminating and heating, 1; glue, 1; hairwork, 2; hosiery and knit goods, 2; house furnishing goods, not elsewhere specified, 1; iron and steel, 1; iron and steel, forgings, 1; looking-glass and picture frames, 1; marble and stone work, 1; mattresses and spring beds, 2; monuments and tombstones, 1; musical instruments, pianos and materials, 1; paper goods, not elsewhere specified, 1; plastering and stuccework, 1; printing materials, 1; shirts, 2; shoddy, 1; slaughtering and meat packing, wholesale, 1; slaughtering, wholesale, not including meat packing, 1; soap and candles, 1; sporting goods, 1; steam fittings and heating apparatus, 2; thread, linen, 1; tobacco, chewing, smoking, and snuff, 1; toys and games, 2; wire, 1.

BY SPECIFIED INDUSTRIES: 1890—Continued.

PATERSON, N. J.—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.	
$891,713	$146,275	$52,049	$48,148	$135,684	$7,070	$138,633	$363,854	11,596	$5,021,768	269	$307,242	21	$9,904	30
811	268	65	53	50	.....	.....	375	22	13,662	5	4,112	.....	.....	31
18,538	4,042	10,571	161	50	.....	.....	3,714	114	51,723	32	16,491	.....	.....	32
3,253	582	595	977	225	.....	254	620	82	45,110	10	7,870	.....	.....	33
348,212	69,912	55,755	20,177	58,829	.....	58,204	85,335	3,788	1,790,209	168	202,486	10	4,042	34

PAWTUCKET, R. I.

1,051,697	92,040	89,299	48,680	128,144	1,000	113,970	578,564	9,508	4,079,579	489	481,991	100	45,059	1
2,013	1,783	17	63	150	.....	.....	.....	30	19,058	12	8,654	.....	.....	2
1,275	1,256	.....	14	5	.....	.....	.....	20	8,143	8	3,848	.....	.....	3
16,123	2,825	77	190	780	.....	.....	12,251	51	30,539	7	5,680	.....	.....	4
768	400	89	174	30	.....	.....	75	50	21,832	3	2,358	.....	.....	5
12,221	591	534	1,362	50	.....	7,154	2,530	257	168,082	22	22,130	.....	.....	6
1,613	330	442	225	350	.....	251	15	32	18,056	1	1,040	.....	.....	7
4,868	3,461	15	195	25	.....	280	892	81	38,076	9	5,690	.....	.....	8
4,654	4,355	8	22	.....	.....	.....	269	173	61,668	1	450	69	32,549	9
4,876	420	51	39	50	.....	.....	4,316	12	5,962	3	2,072	.....	.....	10
422,231	6,183	37,814	15,453	43,212	.....	66,429	253,140	3,239	1,071,684	41	55,884	.....	.....	11
754	740	.....	9	5	.....	.....	.....	9	4,240	5	1,990	.....	.....	12
1,754	120	190	59	100	.....	235	1,050	13	7,034	3	1,990	.....	.....	13
83,216	14,200	6,124	6,123	31,330	.....	1,434	24,005	1,024	453,298	35	40,491	8	3,256	14
135,189	9,488	4,996	2,450	3,400	.....	6,580	108,275	740	425,901	38	48,120	1	180	15
1,546	1,435	23	54	10	.....	14	10	12	6,734	.....	.....	.....	.....	16
11,516	3,000	3,008	1,567	461	.....	1,780	1,700	440	129,302	13	11,430	1	416	17
19,506	1,133	372	347	350	.....	48	17,256	108	46,361	7	4,575	.....	.....	18
11,451	1,150	683	2,172	1,184	.....	1,500	4,762	38	25,983	7	7,718	.....	.....	19
500	480	.....	20	.....	.....	.....	.....	6	2,204	2	1,300	.....	.....	20
2,423	725	18	1,075	500	.....	105	.....	32	21,072	3	2,820	.....	.....	21
676	200	152	24	150	.....	150	.....	172	111,037	10	12,100	.....	.....	22
5,053	4,180	4	178	.....	.....	12	679	42	14,100	3	2,085	7	2,870	23
2,278	385	48	80	525	1,000	240	.....	36	30,394	7	10,080	.....	.....	24
2,861	2,425	48	138	250	.....	.....	.....	116	69,389	27	20,704	.....	.....	25
1,289	900	.....	82	165	.....	72	70	9	5,760	3	2,560	1	780	26
2,810	2,570	35	190	.....	.....	.....	15	127	77,266	17	19,680	1	500	27
2,538	930	160	757	85	.....	241	365	66	30,114	8	6,454	5	1,640	28
13,745	2,453	390	739	260	.....	.....	9,903	86	40,719	9	5,931	1	468	29
786	590	69	67	40	.....	.....	20	9	5,402	3	1,970	.....	.....	30
31,253	3,950	971	1,542	4,800	.....	6,190	13,800	125	86,912	23	39,262	.....	.....	31
1,543	1,330	.....	43	.....	.....	.....	170	20	14,185	3	2,490	.....	.....	32
9,450	740	7,874	315	50	.....	56	415	69	37,427	12	8,188	.....	.....	33
32,150	1,000	3,777	2,176	5,000	.....	.....	20,197	115	54,175	8	9,988	.....	.....	34
2,185	2,000	.....	55	100	.....	24	6	11	8,004	6	3,930	.....	.....	35
44,083	1,330	3,905	2,988	5,500	.....	360	30,000	847	310,100	30	18,100	.....	.....	36
160,500	12,982	17,405	7,693	29,227	.....	20,815	72,378	1,291	619,366	100	99,229	6	2,400	37

b Embraces bookbinding and blank-book making, 1; boot and shoe findings, 1; boxes, fancy and paper, 1; boxes, wooden packing, 1; brass castings and brass finishing, 1; carriage and wagon materials, 1; chemicals, 2; coffee and spice, roasting and grinding, 1; coffins, burial cases, and undertakers' goods, 1; electroplating, 1; files, 1; flouring and grist mill products, 1; gas, illuminating and heating, 1; grease and tallow, 2; hairwork, 1; hardware, 1; hats and caps, not including wool hats, 1; iron and steel, bolts, nuts, washers, and rivets, 2; lock and gun smithing, 1; lumber and other mill products from logs or bolts, 1; mattresses and spring beds, 1; millinery and lace goods, 1; mineral and soda waters, 2; models and patterns, 1; oil, lubricating, 1; oleomargarine, 1; paper, 2; paving and paving materials, 2; plastering and stuccowork, 2; plumbers' supplies, 1; roofing and roofing materials, 1; sewing machines and attachments, 1; soap and candles, 2; sporting goods, 2; toys and games, 1; wirework, including wire rope and cable, 1; wood, turned and carved, 1; worsted goods, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PATERSON, N. J.—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	Silk and silk goods	2,779	$1,517,425	4,146	$1,317,466	530	$83,592	2,405	$1,177,824	1,410	$506,372
31	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	16	9,250					1	300		
32	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	12	5,102	2	300	13	1,907	54	27,763		
33	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	59	34,328			13	2,912				
34	All other industries	2,258	1,239,817	681	154,242	39	6,639	206	91,273	403	87,860

PAWTUCKET, R. I.—Continued.

1	All industries	4,743	2,336,624	2,501	700,615	435	72,777	370	184,866	791	244,263
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	17	10,204					1	200		
3	Boots and shoes, custom work and repairing	2	912					10	3,383		
4	Bread and other bakery products	38	21,376	1	156			5	3,327		
5	Brooms and brushes	18	10,334							29	9,140
6	Carpentering	235	145,952								
7	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	31	17,016								
8	Clothing, men's, custom work and repairing	30	19,232	25	8,390	1	52	5	2,054	11	2,658
9	Clothing, women's, dressmaking	2	600	101	28,069						
10	Confectionery	6	3,240	2	500	1	150				
11	Cotton goods. (See also Hosiery and knit goods.)	1,129	461,232	1,324	344,448	269	43,803	45	22,897	413	141,057
12	Dentistry, mechanical	2	1,750	1	400			1	100		
13	Dyeing and cleaning	5	3,484	5	1,560						
14	Dyeing and finishing textiles	741	335,446	154	46,701	33	5,797	34	15,690	19	5,917
15	Foundry and machine shop products	547	303,090					154	74,511		
16	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	11	6,422	1	312						
17	Hosiery and knit goods. (See also Cotton goods; Woolen goods.)	35	19,801	78	23,385					253	63,270
18	Jewelry. (See also Watch, clock, and jewelry repairing.)	25	16,445	29	8,331	5	800	25	11,189	16	5,000
19	Leather, tanned and curried	30	16,965					1	1,300		
20	Looking-glass and picture frames	1	700	1	104			2	100		
21	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.)	29	18,252								
22	Masonry, brick and stone. (See also Plastering and stuccowork.)	162	98,937								
23	Millinery, custom work			30	9,000	1	105			1	40
24	Monuments and tombstones	29	20,314								
25	Painting and paper hanging	87	48,510			2	175				
26	Photography	2	1,120	3	1,300						
27	Plumbing and gas fitting	109	57,086								
28	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	42	19,018	4	1,364	7	1,638				
29	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	68	32,174	5	1,630	3	516				
30	Saddlery and harness	6	3,432								
31	Slaughtering and meat packing, wholesale	102	56,650								
32	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	17	11,695								
33	Tobacco, cigars and cigarettes	4	3,075	7	1,896			40	21,468	6	2,800
34	Upholstery materials. (See also Woolen goods; Worsted goods.)	38	18,861	37	12,630			9	3,397	23	9,299
35	Watch, clock, and jewelry repairing. (See also Jewelry.)	5	4,074								
36	Woolen goods. (See also Hosiery and knit goods; Worsted goods.)	312	141,600	420	135,000	85	15,400				
37	All other industries	826	407,625	273	75,439	28	4,341	38	25,250	20	5,082

BY SPECIFIED INDUSTRIES: 1890—Continued.

PATERSON, N. J.—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.										
36	$11,943	$12,758,523	$12,536,739	$81,759	$32,153	.....	$107,872	$22,058,624	$22,045,924	$12,700	30
.....	.....	20,311	19,380	360	496	$75	.....	59,307	59,150	157	31
1	160	35,871	30,942	327	.....	.....	4,602	113,820	113,820	.....	32
.....	.....	31,879	28,186	1,833	390	420	1,050	91,572	91,572	.....	33
23	2,950	3,584,776	3,252,698	213,979	11,880	40,839	65,380	6,696,547	6,494,534	202,013	34

PAWTUCKET, R. I.—Continued.

79	13,384	9,415,654	8,593,156	285,326	11,363	107,113	418,696	16,303,729	14,088,542	2,215,187	1
.....	.....	9,776	8,443	592	250	.....	491	38,676	3,307	35,369	2
.....	.....	5,858	5,503	191	.....	.....	164	18,452	.....	18,452	3
.....	.....	66,968	64,530	1,834	.....	.....	604	133,960	133,960	.....	4
.....	.....	33,424	32,548	346	220	10	300	67,675	67,675	.....	5
.....	.....	287,064	286,052	6	.....	196	810	502,248	327,421	174,827	6
.....	.....	10,415	9,468	497	.....	.....	450	38,076	10,430	27,646	7
.....	.....	33,465	31,163	285	.....	.....	2,017	92,363	32,307	60,056	8
.....	.....	11,233	.....	689	.....	.....	10,544	88,336	83,367	4,969	9
.....	.....	12,322	11,946	261	.....	.....	115	28,245	28,245	.....	10
18	2,363	2,137,230	1,816,691	94,195	2,420	84,457	139,467	3,954,960	3,934,410	20,550	11
.....	.....	1,548	1,494	54	.....	.....	.....	7,250	6,750	500	12
.....	.....	1,451	835	398	.....	.....	218	11,900	5,754	6,146	13
.....	.....	430,899	258,932	114,689	700	.....	56,578	1,417,971	1,417,146	825	14
.....	.....	366,752	259,440	13,660	3,322	6,560	83,770	1,110,852	1,088,252	22,600	15
.....	.....	13,501	13,174	85	.....	.....	242	25,717	7,035	18,682	16
60	11,000	543,532	524,008	6,216	930	.....	12,378	745,712	590,418	155,294	17
1	21	55,092	34,942	800	400	.....	18,950	132,881	132,881	.....	18
.....	.....	169,520	156,605	2,150	277	.....	10,488	225,890	205,300	20,590	19
.....	.....	4,302	4,252	35	.....	.....	15	7,463	5,413	2,050	20
.....	.....	50,941	49,440	451	25	1,025	.....	85,475	67,475	18,000	21
.....	.....	48,751	43,639	.....	.....	.....	5,112	167,800	99,700	68,100	22
.....	.....	34,942	34,884	48	.....	.....	10	58,380	8,000	50,380	23
.....	.....	18,473	17,960	203	.....	150	160	54,950	38,750	16,200	24
.....	.....	24,962	23,738	123	.....	.....	1,101	102,486	27,805	74,681	25
.....	.....	3,885	3,637	98	.....	.....	150	12,300	12,300	.....	26
.....	.....	110,105	109,558	229	300	.....	18	205,880	142,980	62,900	27
.....	.....	35,744	34,170	834	420	.....	320	84,240	84,240	.....	28
.....	.....	22,238	16,515	870	80	.....	4,773	90,817	90,817	.....	29
.....	.....	6,943	5,677	60	.....	.....	1,206	15,915	.....	15,915	30
.....	.....	2,670,000	2,632,000	5,600	.....	.....	32,400	2,895,191	2,895,191	.....	31
.....	.....	12,808	12,140	168	.....	.....	500	32,100	15,450	16,650	32
.....	.....	38,085	34,351	239	.....	.....	3,495	105,697	105,697	.....	33
.....	.....	164,339	160,294	1,795	.....	750	1,500	293,089	275,339	17,750	34
.....	.....	3,021	2,688	233	.....	.....	100	14,105	14,105	.....	35
.....	.....	716,044	700,400	10,000	100	.....	5,544	1,002,859	40,259	962,600	36
.....	.....	1,260,021	1,192,039	27,392	1,919	13,065	24,706	2,433,818	2,090,363	343,455	37

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PEORIA, 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 (a)	556	$1,387,850	$15,085,802	$1,308,458	$2,704,078	$6,177,755	$1,298,241	$1,545,678	$2,051,652
2	Agricultural implements	7	18,000	949,366	33,178	99,590	95,764	61,712	56,424	602,698
3	Baking and yeast powders	4	6,250	13,150	1,000	2,000	3,900	2,300	1,400	2,550
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	22	24,800	16,815	2,200	2,135	3,915	1,480	60	7,025
5	Bookbinding and blank-book making. (See also Printing and publishing.)	3	4,800	4,877	.....	.....	3,027	650	600	600
6	Boots and shoes, custom work and repairing	34	26,350	29,965	8,600	6,500	4,422	1,963	6,790	1,690
7	Bread and other bakery products	32	98,900	118,166	31,000	30,400	22,075	14,172	7,554	12,965
8	Carpentering	48	32,520	600,796	52,325	16,775	19,926	60,335	280,110	171,325
9	Carpets, rag	4	7,500	2,435	.....	.....	1,150	345	490	450
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	17	33,750	159,308	33,750	35,400	19,730	18,413	26,525	25,490
11	Clothing, men's, custom work and repairing	24	110,360	118,345	2,500	1,500	8,167	69,750	5,340	31,088
12	Clothing, men's, factory product	3	37,900	116,300	.....	.....	18,800	35,000	45,000	17,500
13	Clothing, women's, dressmaking	36	39,190	12,002	2,050	2,550	3,965	165	1,097	2,175
14	Coffee and spice, roasting and grinding	3	12,900	23,500	.....	.....	5,000	16,500	2,000	.....
15	Coffins and burial cases, trimming and finishing	3	1,375	23,250	2,000	4,000	100	6,750	5,400	5,000
16	Confectionery	5	48,500	107,757	.....	.....	17,985	14,317	25,500	49,955
17	Cooperage	8	29,000	359,200	15,000	39,500	56,150	212,375	31,625	4,550
18	Dyeing and cleaning	3	2,500	9,830	4,000	4,000	1,380	250	200	.....
19	Flouring and grist mill products	7	9,450	163,650	26,000	49,000	47,900	11,400	10,950	18,400
20	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	14	23,500	348,572	47,000	39,900	98,100	27,610	39,288	96,674
21	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	12	40,800	82,749	3,800	1,200	10,820	24,805	31,617	10,507
22	Grease and tallow. (See also Soap and candles.)	4	2,080	21,900	5,400	11,100	4,100	600	700	.....
23	Hairwork	3	2,000	450	.....	.....	95	35	320	.....
24	Liquors, malt. (See also Bottling.)	4	11,000	863,496	152,000	265,386	183,876	19,282	49,788	193,164
25	Lock and gun smithing	5	7,000	22,400	6,800	4,200	8,350	1,550	400	1,100
26	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	5	40,750	302,382	23,080	39,933	50,620	54,018	22,625	112,106
27	Masonry, brick and stone. (See also Plastering and stuccowork.)	13	3,550	134,350	7,450	4,550	10,400	8,250	54,500	49,200
28	Millinery, custom work	16	82,750	96,050	7,500	10,000	8,750	31,300	21,900	16,600
29	Mineral and soda waters. (See also Bottling.)	3	3,000	40,225	7,500	8,000	20,000	625	300	3,800
30	Monuments and tombstones. (See also Marble and stone work.)	5	5,250	97,693	31,000	7,500	8,057	22,269	16,800	12,067
31	Painting and paper hanging	23	25,800	47,935	6,550	7,175	8,450	6,020	14,440	5,300
32	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	7,750	6,550	.....	.....	950	1,200	3,500	900
33	Photography	6	26,100	17,125	3,700	1,300	8,450	2,425	1,250	.....
34	Plastering and stuccowork. (See also Masonry, brick and stone.)	7	1,575	40,825	1,900	450	4,150	1,175	22,600	10,550
35	Plumbing and gas fitting	6	22,720	46,750	2,500	1,000	15,750	6,600	13,200	7,700
36	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	7	10,300	92,895	3,000	3,000	57,300	6,420	6,745	15,930
37	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	12	103,200	153,625	.....	.....	128,000	14,800	4,175	6,650
38	Pumps, not including steam pumps	3	8,625	24,870	.....	.....	8,700	2,120	6,050	8,000
39	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	10	8,725	51,909	12,200	6,100	15,250	6,500	8,175	3,684
40	Saddlery and harness	11	42,270	96,230	9,000	7,500	11,200	5,390	46,800	15,440
41	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	12	42,600	116,265	14,000	7,615	12,150	16,900	11,900	53,700
42	Tobacco, cigars and cigarettes	28	57,890	73,967	3,575	5,125	8,008	21,667	15,864	19,728
43	Watch, clock, and jewelry repairing. (See also Jewelry.)	12	18,100	7,470	.....	.....	3,675	2,050	745	1,000
44	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	3	750	16,250	6,500	4,500	1,400	950	600	2,300
45	All other industries (b)	65	245,720	9,454,717	739,500	1,975,194	5,157,798	485,803	644,331	452,001

a Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in Peoria. 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 artificial limbs, 1; awnings, tents, and sails, 2; baskets and rattan and willow ware, 1; boot and shoe uppers, 1; bottling, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass castings and brass finishing, 1; brooms and brushes, 2; carriage and wagon materials, 1; cars and general shop construction and repairs by steam railroad companies, 2; chemicals, 2; clay and pottery products, 1; cleansing and polishing preparations, 1; cordage and twine, 1; corsets, 1; dentistry, mechanical, 2; druggists' preparations, not including prescriptions, 1; electroplating, 1; engraving and diesinking, 1; flavoring extracts, 1; food preparations, 2;

BY SPECIFIED INDUSTRIES: 1890—Continued.

PEORIA, 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.	
$24,475,327	$135,437	$23,538,742	$131,443	$121,288	$17,125	$61,584	$469,708	7,706	$4,344,012	785	$749,304	105	$56,492	1
50,333	1,726	2,823	5,525	1,223	.....	9,297	29,739	322	144,174	37	34,012	3	900	2
674	500	78	61	10	.....	.....	25	13	4,974	2	1,300	.....	.....	3
3,527	2,730	178	64	155	.....	.....	400	52	30,704	26	17,930	.....	.....	4
768	384	15	15	204	.....	.....	150	18	7,086	2	1,780	.....	.....	5
3,383	2,898	152	161	40	.....	37	95	52	27,016	30	15,158	.....	.....	6
12,921	8,901	1,007	1,002	865	.....	111	1,035	135	73,176	36	26,750	9	4,000	7
24,991	3,252	2,081	2,218	325	15,000	430	1,085	688	388,318	61	63,324	.....	.....	8
609	454	18	27	10	.....	.....	100	9	3,450	3	1,900	1	500	9
9,783	3,361	822	1,325	80	.....	760	3,435	158	86,056	21	18,478	.....	.....	10
14,864	11,036	682	710	.....	.....	800	1,636	195	99,742	31	25,675	2	1,468	11
28,693	3,980	395	618	1,000	.....	.....	22,700	397	97,740	17	15,840	.....	.....	12
5,550	3,919	45	36	105	.....	.....	1,445	184	45,790	1	1,000	37	15,820	13
1,390	1,030	125	135	.....	.....	.....	100	9	5,020	.....	.....	.....	.....	14
830	110	180	30	.....	.....	.....	510	6	3,800	1	1,500	.....	.....	15
14,910	4,700	365	642	275	.....	200	8,728	96	52,699	25	27,540	1	350	16
38,741	3,075	2,532	5,365	10,550	.....	6,450	10,769	519	270,168	14	14,700	.....	.....	17
797	300	222	40	.....	.....	.....	235	13	6,268	3	2,568	1	200	18
25,837	950	943	2,215	4,835	.....	1,349	15,545	59	37,402	12	11,316	2	1,300	19
26,493	2,331	2,116	2,749	1,968	1,525	8,067	7,737	291	187,321	37	38,536	4	1,810	20
7,715	3,673	454	1,133	725	.....	250	1,480	110	67,925	17	15,450	.....	.....	21
1,141	250	56	50	110	.....	.....	675	10	6,190	4	3,000	.....	.....	22
170	160	.....	.....	.....	.....	.....	10	4	1,624	1	480	1	624	23
148,304	1,094	59,512	2,629	3,525	.....	12,271	69,273	86	65,628	15	19,440	.....	.....	24
1,322	700	90	57	275	.....	.....	200	23	13,600	6	4,200	.....	.....	25
22,314	4,240	1,909	3,000	1,595	.....	3,681	7,889	158	102,859	13	15,010	1	780	26
4,284	424	381	329	650	.....	.....	2,500	278	182,125	17	26,500	.....	.....	27
10,089	7,450	570	519	50	.....	.....	1,500	100	49,880	6	9,800	20	15,710	28
2,184	300	359	125	400	.....	.....	1,000	27	12,100	5	3,700	.....	.....	29
15,384	576	408	683	750	.....	.....	12,967	80	58,780	12	14,580	.....	.....	30
6,236	2,322	326	253	795	.....	.....	2,540	149	99,241	26	26,330	2	624	31
8,440	620	5	15	.....	.....	.....	7,800	10	7,376	4	3,300	1	1,500	32
3,658	2,352	80	126	375	.....	.....	725	22	14,140	4	3,600	1	500	33
711	188	159	89	125	.....	.....	150	64	45,630	10	10,650	.....	.....	34
3,821	2,272	225	149	100	.....	160	915	78	48,848	10	10,200	2	1,000	35
8,832	997	225	452	1,980	.....	608	4,570	101	52,068	12	13,178	3	1,250	36
66,510	10,156	785	1,706	4,030	.....	83	49,750	223	153,836	40	38,584	3	2,034	37
2,920	950	250	500	750	.....	350	120	38	17,160	6	5,040	.....	.....	38
11,102	960	186	311	1,175	.....	.....	8,470	86	67,404	13	18,424	2	912	39
6,530	3,805	619	706	450	.....	400	550	76	48,194	17	13,974	.....	.....	40
6,509	4,260	1,104	695	175	.....	.....	275	159	95,227	28	23,190	.....	.....	41
28,726	5,789	19,227	478	60	.....	121	3,051	176	92,745	31	22,540	2	950	42
2,445	1,630	.....	.....	180	.....	.....	635	29	19,224	7	4,194	.....	.....	43
512	60	74	60	40	.....	.....	278	15	6,501	3	2,600	1	450	44
23,840,374	24,572	23,436,959	94,440	81,328	.....	16,159	186,016	2,388	1,444,803	119	122,033	6	3,810	45

fur goods, 1; gas, illuminating and heating, 1; glucose, 2; hats and caps, not including wool hats, 1; hosiery and knit goods, 1; iron and steel, bolts, nuts, washers, and rivets, 1; ironwork, architectural and ornamental, 1; jewelry, 1; liquors, distilled, 1; looking-glass and picture frames, 1; lumber and other mill products from logs or bolts, 1; malt, 2; marble and stone work, 2; mattresses and spring beds, 1; models and patterns, 2; paving and paving materials, 2; pickles, preserves, and sauces, 1; plated and britannia ware, 1; shipbuilding, 1; shirts, 1; slaughtering and meat packing, wholesale, 1; soap and candles, 2; sporting goods, 1; stamped ware, 1; steam fittings and heating apparatus, 1; timber products, not manufactured at mill, 1; trunks and valises, 1; vinegar and cider, 1; watches 1; window shades, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PEORIA, 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	4,897	$2,854,970	673	$155,159	133	$22,221	680	$412,880	428	$91,916
2	Agricultural implements	262	105,593			7	604	13	3,065		
3	Baking and yeast powders	8	3,102	3	572						
4	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	26	12,774								
5	Bookbinding and blank-book making. (See also Printing and publishing.)	4	2,672	10	2,270	2	364				
6	Boots and shoes, custom work and repairing	12	7,028					10	4,830		
7	Bread and other bakery products	65	35,624	16	4,750	9	2,052				
8	Carpentering	624	324,280	1	364	2	350				
9	Carpets, rag			2	800			3	250		
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	131	66,372			4	706	2	500		
11	Clothing, men's, custom work and repairing	23	11,854	12	3,030	6	878	97	50,156	23	6,552
12	Clothing, men's, factory product	20	10,200	14	4,500					346	67,200
13	Clothing, women's, dressmaking			128	26,070					18	2,900
14	Coffee and spice, roasting and grinding	9	5,020								
15	Coffins and burial cases, trimming and finishing	5	2,300								
16	Confectionery	42	18,670	18	3,400	8	1,350	2	1,380		
17	Cooperage	269	119,050					236	136,418		
18	Dyeing and cleaning	5	2,400	4	1,100						
19	Flouring and grist mill products	45	24,786								
20	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	211	118,116			2	350	37	28,509		
21	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	86	50,525	3	750					4	1,200
22	Grease and tallow. (See also Soap and candles.)	6	3,190								
23	Hairwork			2	520						
24	Liquors, malt. (See also Bottling.)	71	46,188								
25	Lock and gun smithing	15	9,000			2	400				
26	Lumber, planing mill products, including sash, doors, and blinds. (See also Lumber and other mill products from logs or bolts.)	139	85,714			3	355	2	1,000		
27	Masonry, brick and stone. (See also Plastering and stuccowork.)	234	135,900			2	325	25	19,400		
28	Millinery, custom work	4	2,200	65	21,672	5	498				
29	Mineral and soda waters. (See also Bottling.)	18	7,400	4	1,000						
30	Monuments and tombstones. (See also Marble and stone work.)	39	20,450			1	150	28	14,600		
31	Painting and paper hanging	120	71,887	1	400						
32	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	2	1,000	3	676						
33	Photography	12	7,640	3	1,400					2	1,000
34	Plastering and stuccowork. (See also Masonry, brick and stone.)	53	34,680			1	300				
35	Plumbing and gas fitting	60	36,648			6	1,000				
36	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	56	31,012	21	5,016	9	1,612				
37	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	95	68,908	22	6,160	19	3,646	42	32,944	2	1,560
38	Pumps, not including steam pumps	32	12,120								
39	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	71	48,068								
40	Saddlery and harness	18	11,420			4	900	37	21,900		
41	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	127	71,287			4	750				
42	Tobacco, cigars and cigarettes	17	5,982	3	850	16	2,520	104	59,478	1	75
43	Watch, clock, and jewelry repairing. (See also Jewelry.)	21	14,770			1	260				
44	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	5	1,915	1	399	3	587	2	550		
45	All other industries	1,835	1,197,316	337	69,451	17	2,264	40	37,900	32	11,429

BY SPECIFIED INDUSTRIES: 1890—Continued.

PEORIA, ILL.—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.										
5	$1,070	$9,996,379	$9,159,306	$232,597	$7,436	$18,084	$578,956	$55,535,023	$54,679,393	$855,630	1
.....	.....	212,656	150,244	4,792	700	.....	56,920	519,611	467,094	52,517	2
.....	.....	12,944	12,600	44	300	.....	.....	21,600	20,600	1,000	3
.....	.....	12,646	11,490	986	.....	.....	170	54,615	38,315	16,300	4
.....	.....	2,007	1,507	.....	.....	.....	500	13,000	13,000	.....	5
.....	.....	14,708	14,188	370	.....	.....	150	49,567	20,767	28,800	6
.....	.....	151,880	147,444	3,836	.....	.....	600	293,898	265,238	28,660	7
.....	.....	551,027	477,550	172	.....	.....	73,305	1,146,690	975,590	171,100	8
.....	.....	2,243	2,200	43	.....	.....	.....	7,350	7,350	.....	9
.....	.....	102,874	91,246	1,958	.....	.....	9,670	235,598	171,124	64,474	10
1	120	95,425	94,500	775	.....	.....	150	249,350	240,350	9,000	11
.....	.....	205,800	204,000	.....	1,800	.....	.....	367,200	367,200	.....	12
.....	.....	4,495	.....	.....	.....	.....	4,495	60,250	60,250	.....	13
.....	.....	123,100	122,750	230	120	.....	.....	141,787	140,587	1,200	14
.....	.....	40,300	40,300	.....	.....	.....	.....	51,800	51,800	.....	15
.....	.....	147,920	141,120	1,250	.....	.....	5,550	264,103	264,103	.....	16
.....	.....	687,279	685,619	1,660	.....	.....	.....	1,102,550	1,102,550	.....	17
.....	.....	3,330	3,000	330	.....	.....	.....	11,000	11,000	.....	18
.....	.....	505,579	476,604	3,250	1,300	200	24,225	621,458	587,058	34,400	19
.....	.....	127,347	80,164	5,883	.....	1,200	40,100	424,584	403,679	20,905	20
.....	.....	112,640	106,540	275	550	500	4,775	205,100	204,500	600	21
.....	.....	12,427	11,975	452	.....	.....	.....	21,187	21,187	.....	22
.....	.....	460	460	.....	.....	.....	.....	2,600	2,600	.....	23
.....	.....	115,177	94,463	12,004	.....	5,617	3,093	424,273	423,067	1,206	24
.....	.....	6,775	5,600	575	.....	.....	600	30,850	14,950	15,900	25
.....	.....	230,339	223,472	1,408	.....	350	5,109	412,902	412,902	.....	26
.....	.....	207,297	186,997	300	.....	.....	20,000	452,000	393,000	59,000	27
.....	.....	93,052	92,700	352	.....	.....	.....	184,842	184,742	100	28
.....	.....	9,250	7,200	400	.....	150	1,500	40,000	40,000	.....	29
.....	.....	133,389	132,839	550	.....	.....	.....	245,500	170,500	75,000	30
.....	.....	31,814	29,314	.....	.....	.....	2,500	160,600	160,600	.....	31
.....	.....	5,950	2,400	50	.....	.....	3,500	25,625	25,625	.....	32
.....	.....	7,150	7,150	.....	.....	.....	.....	27,150	27,150	.....	33
.....	.....	19,158	19,158	.....	.....	.....	.....	71,400	71,400	.....	34
.....	.....	50,616	47,800	316	.....	.....	2,500	138,000	83,000	55,000	35
.....	.....	41,593	37,220	337	1,156	.....	2,880	122,000	122,000	.....	36
.....	.....	59,445	52,705	2,745	200	.....	3,795	340,667	290,667	50,000	37
.....	.....	65,300	63,150	150	.....	.....	2,000	88,600	87,100	1,500	38
.....	.....	61,073	55,331	492	.....	.....	5,250	169,900	135,500	34,400	39
.....	.....	65,979	64,090	189	500	.....	1,200	143,000	129,600	13,400	40
.....	.....	86,069	84,830	969	.....	20	250	204,024	194,324	9,700	41
2	350	87,541	79,073	299	.....	.....	8,169	253,720	253,720	.....	42
.....	.....	4,492	4,370	122	.....	.....	.....	28,680	28,680	.....	43
.....	.....	5,578	4,286	20	.....	.....	1,272	14,379	12,979	1,400	44
2	600	5,480,255	4,989,657	185,013	810	10,047	294,728	46,092,013	45,981,945	110,068	45

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PETERSBURG, 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	271	$374,965	$3,911,240	$209,950	$590,200	$1,201,160	$580,872	$580,463	$748,595
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work repairing.)	15	5,660	5,194	1,400	1,200	975	236	38	1,345
3	Boots and shoes, custom work and repairing	26	11,545	7,091	950	1,575	1,126	359	89	2,992
4	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	3	.....	10,450	3,200	3,300	4,050	5,900	500	2,500
5	Bread and other bakery products	10	17,700	14,793	4,700	4,700	2,260	1,750	373	1,010
6	Brick and tile	5	.....	18,755	3,100	1,300	2,625	1,200	8,100	2,430
7	Carpentering	12	3,245	32,445	2,600	3,725	3,125	9,395	360	13,240
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	4	8,935	12,885	4,000	2,000	700	850	1,810	3,525
9	Clothing, men's, custom work and repairing	7	12,270	15,490	.....	.....	920	5,015	1,625	7,930
10	Clothing, men's, factory product	6	10,179	45,130	3,200	7,400	240	7,250	6,000	21,040
11	Clothing, women's, dressmaking	31	21,060	13,075	3,300	4,950	2,420	200	915	1,290
12	Coffins and burial cases, trimming and finishing.	5	2,040	11,433	2,800	3,700	242	1,595	840	2,256
13	Confectionery	5	7,150	31,831	4,900	8,000	4,450	2,681	1,019	10,781
14	Cotton goods. (See also Hosiery and knit goods.)	5	12,500	994,542	29,000	142,000	599,544	49,678	159,113	15,207
15	Flouring and grist mill products	4	7,275	165,608	36,000	29,700	29,500	28,135	200	42,073
16	Foundry and machine shop products	5	19,614	104,661	14,000	15,000	39,400	9,577	14,319	12,365
17	Fruits and vegetables, canning and preserving. (Peanuts.)	6	27,550	147,300	2,900	1,600	17,200	32,500	77,000	16,100
18	Lumber and other mill products from logs or bolts.	3	.....	56,900	4,700	9,350	19,325	1,025	12,000	10,500
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	6	4,125	62 850	9,500	9,500	20,050	7,200	7,100	9,500
20	Masonry, brick and stone. (See also Plastering and stuccowork.)	4	.....	22,050	4,000	3,500	150	8,700	.....	5,700
21	Millinery, custom work	5	12,025	12,675	1,200	1,800	600	4,900	1,075	3,100
22	Mineral and soda waters	4	1,450	12,363	2,100	2,300	2,700	3,180	108	1,975
23	Painting and paper hanging	7	3,845	1,800	.....	.....	500	260	420	620
24	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	4	20,400	22,705	.....	.....	16,000	2,575	180	3,950
25	Printing and publishing, newspapers and periodicals. (See also Bookbinding, and blank-book making.)	9	16,250	24,069	500	8,200	8,875	1,533	135	5,426
26	Saddlery and harness	3	2,725	17,250	2,400	7,700	400	1,550	3,000	2,200
27	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	7	10,050	7,170	1,000	1,000	2,960	760	455	995
28	Tobacco, chewing, smoking, and snuff	11	39,322	1,188,598	33,200	200,500	190,178	289,129	192,731	282,860
29	Tobacco, cigars and cigarettes	3	6,340	3,975	.....	.....	365	1,470	1,000	1,140
30	Tobacco, stemming and rehandling	6	10,720	40,650	7,800	21,900	5,350	5,200	400	.....
31	Watch, clock, and jewelry repairing	7	6,990	6,088	300	600	900	720	1,498	2,670
32	All other industries (a)	43	74,000	791,754	27,200	93,700	224,030	96,349	83,060	262,415

PHILADELPHIA, PA.

1	All industries (b)	18,166	64,144,077	375,249,715	38,679,356	47,296,048	80,953,236	41,006,646	65,549,951	101,704,478
2	Agricultural implements	4	15,225	702,755	73,000	161,000	100,985	57,200	82,193	228,377
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	26	88,200	261,797	30,000	12,200	28,615	64,520	52,467	78,995
4	Artificial limbs. (See also Surgical appliances.)	4	8,000	10,650	.....	.....	6,200	1,150	500	2,800
5	Artists' materials	9	37,000	84,635	10,000	7,000	20,300	28,860	2,550	15,925
6	Awnings, tents, and sails	53	80,700	165,412	2,000	1,500	14,330	41,648	23,285	82,649
7	Babbitt metal and solder	8	36,500	225,024	24,000	11,000	9,950	58,160	40,550	81,364
8	Bags, other than paper	5	54,900	1,389,450	60,000	200,000	381,250	202,400	211,200	334,600
9	Bags, paper	6	22,000	184,375	22,000	34,000	42,900	16,625	23,650	45,200
10	Baking and yeast powders	7	17,300	48,850	3,300	5,200	4,950	5,050	5,850	24,500
11	Baskets and rattan and willow ware	47	54,400	63,288	7,500	8,300	3,482	12,952	12,635	18,419
12	Belting and hose, leather	7	42,000	275,096	16,000	21,000	48,000	26,200	84,290	79,606
13	Bicycle and tricycle repairing	5	7,100	9,660	2,500	1,000	1,910	795	1,150	2,305
14	Billiard tables and materials	4	16,000	47,200	3,000	5,000	3,950	3,900	13,850	17,500
15	Blacking. (See also Cleansing and polishing preparations.)	9	76,150	513,197	43,000	50,000	93,981	68,641	94,841	162,734
16	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	383	441,700	1,010,505	239,516	203,280	132,191	96,421	73,904	265,103
17	Bluing	11	29,300	49,563	2,000	2,000	6,555	6,933	12,375	19,700
18	Bone, ivory, and lamp black	3	.....	671,800	386,500	108,000	31,000	27,600	47,200	71,500
19	Bookbinding and blank-book making. (See also Printing and publishing.)	67	649,200	1,341,349	.....	.....	680,770	125,160	210,295	325,124
20	Boot and shoe cut stock	7	18,300	49,818	1,600	2,200	4,745	15,923	14,100	11,250
21	Boot and shoe findings	6	16,800	42,847	3,600	4,800	17,325	2,115	6,510	8,497

a Embraces agricultural implements, 1; bags, other than paper, 1; bookbinding and blank-book making, 1; boxes, fancy and paper, 1; brooms and brushes, 2; carpets, rag, 1; coffee and spice, roasting and grinding, 1; cooperage, 1; dyeing and cleaning, 2; dye stuffs and extracts, 2; fertilizers, 1; fireworks, 1; gas, illuminating and heating, 1; hats and caps, not including wool hats, 1; hosiery and knit goods, 1; ice, artificial, 1; lock and gun smithing, 2; looking-glass and picture frames, 2; mattresses and spring beds, 2; monuments and tombstones, 1; patent medicines and compounds, 1; perfumery and cosmetics, 1; photography,

BY SPECIFIED INDUSTRIES: 1890—Continued.

PETERSBURG, 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.	
$834,420	$33,360	$586,251	$41,500	$31,288	$1,600	$43,473	$96,948	5,525	$1,367,414	362	$220,157	55	$18,706	1
754	606	90	30	18	.....	.....	10	30	9,516	15	5,136	.....	.....	2
1,352	1,129	139	10	.....	.....	.....	65	47	13,329	28	9,508	.....	.....	3
500	.....	140	160	200	.....	.....	.....	38	14,104	6	3,824	.....	.....	4
2,433	1,658	305	125	80	.....	10	255	44	15,670	15	7,170	4	860	5
431	.....	306	.....	75	.....	50	.....	73	14,541	6	2,247	.....	.....	6
2,540	319	340	131	150	1,600	.....	.....	127	56,916	14	9,204	.....	.....	7
1,131	875	104	122	.....	.....	30	.....	33	14,780	1	600	.....	.....	8
1,566	1,350	129	87	.....	.....	.....	.....	51	14,439	7	2,980	1	475	9
1,473	738	285	300	.....	.....	.....	150	72	17,380	5	3,215	4	1,505	10
2,562	2,317	209	36	.....	.....	.....	.....	100	21,942	.....	.....	33	12,228	11
490	204	189	38	25	.....	.....	34	14	4,949	8	3,670	.....	.....	12
1,984	715	519	350	400	.....	.....	.....	45	14,448	9	4,526	3	572	13
53,582	500	5,318	9,210	10,537	.....	26,855	1,162	693	126,920	14	11,581	.....	.....	14
6,120	800	780	3,390	450	.....	700	.....	51	22,838	11	7,920	.....	.....	15
12,409	1,665	884	1,455	3,204	.....	3,416	1,785	150	69,168	12	9,534	.....	.....	16
12,053	2,750	1,367	1,231	275	.....	6,430	.....	248	43,311	13	8,677	.....	.....	17
4,587	.....	637	600	850	.....	1,500	1,000	181	37,000	5	4,400	1	400	18
3,210	320	422	1,268	1,100	.....	.....	100	81	35,147	8	4,857	.....	.....	19
241	.....	169	32	.....	.....	40	.....	64	21,812	5	2,600	.....	.....	20
1,583	1,322	123	88	.....	.....	.....	50	38	10,250	1	200	8	2,416	21
707	146	394	72	45	.....	.....	50	20	8,414	7	4,056	.....	.....	22
490	423	.....	.....	.....	.....	.....	67	28	8,697	9	3,081	.....	.....	23
3,162	1,632	879	449	166	.....	36	.....	17	11,746	4	3,255	.....	.....	24
8,120	1,300	273	214	352	.....	.....	5,981	49	23,301	8	4,572	.....	.....	25
718	300	218	100	100	.....	.....	.....	14	5,948	4	2,260	.....	.....	26
1,347	1,106	162	49	.....	.....	.....	30	18	6,492	9	3,608	.....	.....	27
668,745	2,800	562,118	13,677	5,350	.....	1,100	83,700	2,142	450,771	35	27,658	.....	.....	28
1,856	634	1,056	57	.....	.....	72	37	12	4,835	4	2,300	.....	.....	29
6,681	650	991	4,090	50	.....	900	.....	225	23,010	14	3,943	.....	.....	30
850	629	18	30	8	.....	3	162	8	4,358	6	2,850	.....	.....	31
30,743	6,472	7,087	4,090	7,853	.....	2,331	2,310	812	240,482	79	60,725	1	250	32

PHILADELPHIA, PA.

39,615,476	6,182,238	3,853,280	1,527,602	2,894,127	4,901,827	2,154,514	18,101,888	260,264	135,917,021	23,378	21,641,094	2,239	969,754	1
38,704	1,600	1,630	2,568	3,000	.....	12,526	17,380	299	182,327	26	30,078	.....	.....	2
16,954	8,943	810	1,438	390	.....	165	5,208	655	191,284	20	16,930	12	5,644	3
1,183	760	.....	23	.....	.....	.....	400	8	4,756	4	2,580	.....	.....	4
7,673	3,336	298	344	365	.....	.....	3,330	54	30,970	9	10,320	3	1,428	5
14,391	9,867	62	924	170	.....	.....	3,368	208	139,398	46	33,337	.....	.....	6
7,340	3,850	280	185	1,085	.....	.....	1,940	51	35,457	14	14,752	.....	.....	7
82,403	5,630	1,100	6,773	5,700	.....	.....	63,200	684	221,260	47	26,220	4	1,352	8
10,503	2,270	1,065	689	550	.....	59	5,870	91	45,004	16	14,284	.....	.....	9
5,599	1,650	156	108	200	.....	.....	3,485	31	14,590	7	5,108	.....	.....	10
7,071	5,448	153	224	35	.....	18	1,193	101	47,180	38	18,134	1	468	11
9,465	3,890	449	756	225	.....	800	3,345	53	40,101	14	13,962	.....	.....	12
1,212	856	52	44	.....	.....	.....	260	16	8,574	5	3,360	.....	.....	13
3,538	1,520	107	186	650	.....	.....	1,125	20	13,924	3	3,300	.....	.....	14
113,236	7,806	1,220	2,530	4,575	.....	5,165	91,940	299	135,614	41	49,342	2	780	15
87,066	50,807	8,508	3,106	3,692	.....	482	20,471	1,322	891,000	334	266,159	1	468	16
6,941	3,083	99	178	25	.....	.....	3,556	56	22,887	12	9,846	1	400	17
16,731	.....	1,525	2,650	8,650	.....	.....	3,906	168	97,800	22	30,600	.....	.....	18
116,692	61,669	325	8,280	10,374	.....	4,618	31,426	1,616	723,295	126	125,185	11	5,572	19
3,057	1,648	124	228	70	.....	.....	987	25	12,400	6	4,304	.....	.....	20
11,141	1,512	85	86	525	.....	120	8,813	118	41,906	7	6,916	.....	.....	21

2; plastering and stuccowork, 2; plumbing and gas fitting, 2; roofing and roofing materials, 1; shirts, 1; silk and silk goods, 1; soap and candles, 1; trunks and valises, 1; upholstery materials, 2; window shades, 1; wirework, including wire rope and cable, 1.

b Includes a return from a manufacturer of "Timber products, not manufactured at mill" having an office in Philadelphia. 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

PETERSBURG, 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	2,746	$814,471	1,503	$204,033	438	$37,453	233	$54,168	188	$18,426
2	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	13	4,270					2	110		
3	Boots and shoes, custom work and repairing	13	3,570					6	251		
4	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	32	10,280								
5	Bread and other bakery products	24	7,540	1	100						
6	Brick and tile	67	12,294								
7	Carpentering	112	47,462					1	250		
8	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	31	13,820					1	360		
9	Clothing, men's, custom work and repairing	12	2,698	11	1,806			14	5,080	6	1,400
10	Clothing, men's, factory product	19	7,485	44	5,175						
11	Clothing, women's, dressmaking			64	9,534					3	180
12	Coffins and burial cases, trimming and finishing	6	1,270								
13	Confectionery	32	9,050	1	300						
14	Cotton goods. (See also Hosiery and knit goods.)	165	50,153	344	51,985	170	13,201				
15	Flouring and grist mill products	40	14,918								
16	Foundry and machine shop products	138	59,634								
17	Fruits and vegetables, canning and preserving. (Peanuts.)	57	11,954	178	22,680						
18	Lumber and other mill products from logs or bolts.	25	8,600					75	16,000	75	8,500
19	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing.)	73	30,200								
20	Masonry, brick and stone. (See also Plastering and stuccework.)	59	19,212								
21	Millinery, custom work			20	7,634						
22	Mineral and soda waters	12	4,258					1	100		
23	Painting and paper hanging	19	5,616								
24	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	12	8,327			1	164				
25	Printing and publishing, newspapers and periodicals. (See also Bookbinding, and blank-book making.)	35	17,621	1	156	4	900	1	52		
26	Saddlery and harness	10	3,688								
27	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials.)	9	2,884								
28	Tobacco, chewing, smoking, and snuff	1,264	304,010	543	71,965	132	12,890	120	30,298	48	3,950
29	Tobacco, cigars and cigarettes	3	1,095			1	150	4	1,290		
30	Tobacco, stemming and rehandling	61	9,140	123	8,372	27	1,555				
31	Watch, clock, and jewelry repairing	2	1,508								
32	All other industries	401	141,815	164	24,326	103	8,593	8	377	56	4,396

PHILADELPHIA, PA.—Continued.

1	All industries	141,291	80,288,766	34,036	10,290,499	8,607	1,384,219	27,934	14,975,022	21,590	6,185,134
2	Agricultural implements	176	93,780					97	58,460		
3	Artificial feathers and flowers. (See also Millinery and lace goods.)	38	22,346	421	111,987	22	2,677			142	31,700
4	Artificial limbs. (See also Surgical appliances.)	3	1,676					1	500		
5	Artists' materials	31	16,318	10	2,704			1	200		
6	Awnings, tents, and sails	137	99,335	9	2,934	2	312	14	8,480		
7	Babbitt metal and solder	37	20,705								
8	Bags, other than paper	260	99,220	266	68,646			45	9,360	62	16,462
9	Bags, paper	36	18,896	23	7,176			4	1,716	12	2,932
10	Baking and yeast powders	10	6,206	9	2,510	5	676				
11	Baskets and rattan and willow ware	23	10,798	3	410	1	150	35	17,220		
12	Belting and hose, leather	39	26,139								
13	Bicycle and tricycle repairing	11	5,214								
14	Billiard tables and materials	16	10,324	1	300						
15	Blacking. (See also Cleansing and polishing preparations.)	64	35,937	30	8,397	49	8,233	63	17,533	50	15,392
16	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	959	616,232	1	800	7	1,548	20	5,793		
17	Bluing	22	8,024	1	300	9	1,380	8	2,300	3	637
18	Bone, ivory, and lamp black	77	35,400			6	1,300	48	28,800		
19	Bookbinding and blank-book making. (See also Printing and publishing.)	609	329,459	403	121,890	50	9,865	144	53,872	273	77,453
20	Boot and shoe cut stock	15	6,572	2	624	1	100	1	800		
21	Boot and shoe findings	12	5,798	59	18,150	1	182	30	9,312	9	1,548

BY SPECIFIED INDUSTRIES: 1890—Continued.

PETERSBURG, VA.—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.	
.....	.....	$4,384,462	$4,128,693	$55,173	$1,671	$20,281	$178,644	$7,167,004	$6,945,909	$221,095	1
.....	.....	4,715	4,415	300	.....	.....	.....	16,830	10,170	6,660	2
.....	.....	5,216	4,992	224	.....	.....	.....	21,746	6,846	14,900	3
.....	.....	34,630	34,600	30	.....	.....	.....	55,600	51,000	4,600	4
.....	.....	26,693	25,458	1,010	.....	50	175	48,000	48,000	.....	5
.....	.....	4,120	.....	4,120	.....	.....	.....	21,375	21,375	.....	6
.....	.....	43,582	40,695	37	.....	.....	2,850	112,247	72,951	39,296	7
.....	.....	8,207	7,515	655	.....	.....	37	29,713	11,663	18,050	8
.....	.....	15,435	15,319	116	.....	.....	.....	36,075	33,584	2,491	9
.....	.....	33,038	32,950	88	.....	.....	.....	59,459	59,204	255	10
.....	.....	49,813	49,431	382	.....	.....	.....	79,133	76,355	2,778	11
.....	.....	5,427	5,173	44	.....	.....	210	12,575	12,425	150	12
.....	.....	27,578	26,911	415	.....	.....	252	45,301	45,301	.....	13
.....	.....	410,845	380,810	7,516	1,000	18,541	2,978	574,536	567,470	7,066	14
.....	.....	521,918	499,520	.....	200	18	22,180	591,583	591,083	500	15
.....	.....	35,809	29,544	5,965	.....	150	150	139,042	109,962	29,080	16
.....	.....	616,220	613,000	1,720	.....	.....	1,500	718,350	718,350	.....	17
.....	.....	19,188	12,792	.....	.....	196	6,200	73,000	23,000	50,000	18
.....	.....	58,695	57,510	120	425	.....	640	120,278	97,078	23,200	19
.....	.....	17,651	17,623	28	.....	.....	.....	43,916	38,116	5,800	20
.....	.....	13,725	13,600	125	.....	.....	.....	29,700	28,500	1,200	21
.....	.....	4,921	2,500	71	.....	.....	2,350	19,400	19,400	.....	22
.....	.....	8,015	7,865	.....	.....	.....	150	18,716	18,416	300	23
.....	.....	8,979	8,566	303	.....	.....	110	29,362	29,062	300	24
.....	.....	8,132	7,654	478	.....	.....	.....	55,899	55,699	200	25
.....	.....	4,761	4,721	40	.....	.....	.....	14,780	12,500	2,280	26
.....	.....	6,212	6,122	90	.....	.....	.....	15,556	13,006	2,550	27
.....	.....	1,116,396	969,576	20,536	.....	1,124	125,160	2,422,181	2,419,641	2,500	28
.....	.....	8,940	8,280	18	.....	.....	642	20,440	20,440	.....	29
.....	.....	436,554	436,017	537	.....	.....	.....	475,153	475,153	.....	30
.....	.....	1,869	1,869	.....	.....	.....	.....	8,746	8,746	.....	31
.....	.....	827,178	803,665	10,205	46	202	13,060	1,258,352	1,251,413	6,939	32

PHILADELPHIA, PA.—Continued.

1,189	$182,533	811,645,804	288,934,102	4,756,838	355,466	795,625	16,803,773	577,234,446	533,869,070	43,365,376	1
.....	.....	173,734	$138,647	10,010	160	.....	24,917	512,518	494,223	18,295	2
.....	.....	283,856	276,662	467	.....	12	6,715	619,485	614,285	5,200	3
.....	.....	2,491	2,420	21	.....	.....	50	10,850	10,550	300	4
.....	.....	48,598	44,624	836	688	200	2,250	142,537	140,287	2,250	5
.....	.....	229,705	225,132	278	.....	.....	4,295	469,446	447,998	12,448	6
.....	.....	558,898	554,649	4,209	.....	.....	40	679,054	679,054	.....	7
.....	.....	2,303,950	746,000	2,700	100	2,550	1,552,600	3,241,280	3,241,280	.....	8
.....	.....	171,141	169,100	171	.....	50	1,820	272,800	272,800	.....	9
.....	.....	66,958	61,589	69	.....	.....	5,300	113,786	106,786	7,000	10
.....	.....	39,269	38,329	132	.....	.....	808	136,047	130,592	5,455	11
.....	.....	185,380	177,791	549	120	795	6,125	279,027	274,027	5,000	12
.....	.....	2,373	2,125	63	.....	.....	185	17,170	5,600	11,570	13
.....	.....	50,454	45,724	30	.....	.....	4,700	92,950	57,750	35,200	14
.....	.....	364,326	178,081	2,002	1,000	1,150	182,093	743,002	733,747	9,255	15
.....	.....	485,529	432,625	24,260	.....	2,052	26,592	1,819,592	1,473,096	346,496	16
.....	.....	48,693	38,791	118	.....	10	9,774	118,298	113,298	5,000	17
.....	.....	146,120	136,600	2,220	.....	300	7,000	406,000	406,000	.....	18
15	1,700	774,695	751,232	2,700	7,010	25	13,728	2,025,793	2,019,705	6,088	19
.....	.....	60,740	59,890	275	100	.....	475	85,975	85,200	775	20
.....	.....	26,544	25,304	250	240	.....	750	95,978	95,778	200	21

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
22	Boot and shoe uppers	39	$77,500	$158,863	$17,500	$27,000	$20,475	$29,510	$10,180	$45,198
23	Boots and shoes, custom work and repairing	1,433	1,609,000	1,599,560	350,310	402,026	175,106	104,082	255,324	252,712
24	Boots and shoes, factory product	93	875,245	3,310,549	103,500	114,602	740,823	326,862	565,844	1,458,918
25	Bottling. (See also Liquors, malt; Mineral and soda waters.)	153	363,700	933,186	107,850	169,300	284,962	98,787	51,047	221,240
26	Boxes, cigar	13	30,200	284,005	37,500	47,500	53,500	47,510	18,795	79,200
27	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	39	295,000	1,332,457	76,100	129,500	297,770	167,324	62,684	599,070
28	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	47	157,800	640,949	90,600	92,900	183,670	69,150	22,793	181,836
29	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	40	152,500	1,575,267	202,900	176,707	260,827	175,123	128,384	631,326
30	Brassware	13	110,500	225,465	10,000	10,000	74,750	29,440	42,500	58,775
31	Bread and other bakery products	1,360	2,027,500	5,293,825	1,277,408	1,626,250	891,716	468,829	98,205	931,417
32	Brick and tile. (See also Clay and pottery products.)	80	743,500	5,761,130	1,821,700	851,028	881,666	139,491	951,325	1,115,920
33	Bridges	7	19,000	139,800	3,000	4,500	30,300	8,000	12,000	82,000
34	Brooms and brushes	94	183,000	828,001	102,600	103,500	48,960	205,220	200,167	167,614
35	Buttons	14	60,000	295,356	4,150	34,500	111,177	43,960	64,733	36,836
36	Card cutting and designing	15	27,125	42,010	.....	.....	14,715	3,145	3,000	20,250
37	Carpentering	924	895,600	7,613,160	461,490	477,210	402,136	552,469	3,243,011	2,476,844
38	Carpets and rugs, other than rag. (See also Woolen goods.)	133	1,087,200	14,458,290	961,214	2,148,426	4,063,905	1,572,870	2,081,051	3,630,824
39	Carpets, rag	160	144,500	230,147	44,550	77,800	27,500	16,205	21,816	42,276
40	Carriage and wagon materials	18	55,000	232,551	12,000	13,000	61,702	65,382	24,255	56,212
41	Carriages and sleds, children's	11	102,000	171,997	6,000	7,000	5,665	32,723	69,475	51,044
42	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	157	486,000	2,646,067	541,700	625,454	229,348	295,430	436,965	517,170
43	Cars and general shop construction and repairs by steam railroad companies.	3	.....	1,981,870	708,550	827,404	147,444	108,876	189,596	.....
44	Cars and general shop construction and repairs by street railroad companies.	6	67,300	97,510	12,000	10,000	33,540	16,737	21,593	3,640
45	Cheese and butter, urban dairy product	33	21,700	66,020	12,200	24,000	12,200	1,165	1,750	13,805
46	Chemicals. (See also Fertilizers; Paints; Varnish.)	36	137,280	11,082,395	1,200,500	1,267,866	2,556,278	1,114,463	2,224,609	2,718,679
47	China, decorating	14	37,000	45,065	3,100	4,600	3,675	3,520	24,665	5,505
48	Clay and pottery products. (See also Brick and tile.)	16	16,970	949,559	186,000	285,500	161,203	33,650	141,006	142,200
49	Cleansing and polishing preparations. (See also Blacking.)	6	16,000	24,700	.....	.....	10,100	3,350	4,850	6,400
50	Cloth, sponging and refinishing	3	5,000	55,350	10,000	11,500	21,500	1,000	5,150	6,200
51	Clothing, horse	7	32,000	245,550	10,500	15,500	8,550	26,800	58,500	125,700
52	Clothing, men's, custom work and repairing	723	2,469,000	4,145,550	455,950	451,339	204,529	1,398,470	388,345	1,246,917
53	Clothing, men's, factory product	90	2,915,000	14,214,554	80,800	78,600	177,544	2,417,014	5,704,185	5,756,411
54	Clothing, men's, factory product, materials furnished.	212	210,500	206,347	24,850	38,950	59,795	5,677	32,330	44,745
55	Clothing, men's, factory product, buttonholes	17	24,000	42,932	.....	.....	22,560	775	2,992	16,605
56	Clothing, women's, dressmaking	712	857,600	589,884	75,000	117,000	74,798	77,990	82,268	162,828
57	Clothing, women's, factory product	74	613,200	1,641,777	65,500	54,500	125,493	308,136	270,735	817,413
58	Coffee and spice, roasting and grinding	50	172,000	849,442	75,400	77,300	165,896	246,827	64,414	199,605
59	Coffins and burial cases, trimming and finishing.	87	135,100	792,486	128,000	140,300	84,478	52,600	52,495	334,613
60	Coffins, burial cases, and undertakers' goods	11	36,100	122,375	12,000	8,000	8,350	39,675	13,700	40,650
61	Combs	5	11,520	78,450	15,000	5,000	31,900	4,625	14,300	7,625
62	Confectionery	321	1,365,000	2,968,949	367,041	689,925	624,597	255,649	318,931	711,906
63	Cooperage	91	118,600	1,060,113	248,380	222,920	78,203	222,915	138,953	148,742
64	Cordage and twine	13	132,800	2,179,878	131,400	388,750	592,515	214,252	120,495	732,526
65	Cordials and sirups	4	33,600	10,153	.....	.....	2,610	1,056	1,337	5,160
66	Cork, cutting	6	18,125	126,725	5,900	22,900	23,600	17,025	33,100	24,200
67	Corsets	17	39,000	133,774	27,000	39,000	9,449	13,900	16,175	28,250
68	Cotton goods. (See also Hosiery and knit goods.)	123	1,741,073	7,942,624	568,450	1,204,657	2,820,959	643,835	1,428,629	1,276,094
69	Cotton waste	19	54,300	355,821	38,500	48,800	29,460	68,640	6,550	163,871
70	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	33	72,850	276,087	56,500	32,500	60,680	12,387	75,353	38,667
71	Dentistry, mechanical	217	286,500	325,923	53,450	76,800	88,572	22,903	12,987	71,211
72	Dentists' materials	6	346,000	2,082,871	67,000	197,000	146,000	121,518	717,094	834,259
73	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	339	748,600	1,507,678	243,345	369,225	157,391	178,524	288,488	270,705
74	Dyeing and cleaning	73	128,000	279,864	74,080	79,120	52,682	9,855	9,740	54,387
75	Dyeing and finishing textiles	78	388,625	4,377,994	575,550	848,700	1,333,721	241,307	388,507	990,209
76	Electrical apparatus and supplies	9	37,000	429,549	40,000	55,000	103,096	38,050	34,750	158,653
77	Electroplating	31	113,800	522,473	75,000	75,000	89,528	41,945	90,840	150,160
78	Enameling	3	5,400	5,828	.....	.....	700	1,300	707	3,121
79	Engravers' materials	5	14,960	27,550	.....	.....	9,900	3,500	9,500	4,050
80	Engraving and diesinking	47	65,400	69,644	.....	.....	36,035	4,577	2,590	26,442
81	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photolithographing and engraving.)	24	118,700	209,961	.....	.....	112,525	13,382	32,265	51,789
82	Engraving, wood	33	52,300	122,993	2,000	2,000	13,630	1,620	68,115	35,628
83	Envelopes	8	119,000	373,969	4,500	10,000	163,733	40,790	44,060	110,886
84	Fancy articles, not elsewhere specified	37	124,300	248,951	8,600	9,500	50,655	38,769	68,704	72,723
85	Fertilizers. (See also Chemicals.)	6	40,000	1,920,286	524,444	258,733	314,147	157,400	475,311	190,251
86	Files. (See also Cutlery and edge tools.)	13	28,000	886,391	98,850	108,580	334,016	36,050	183,690	125,205
87	Fish, canning and preserving. (See also Food preparations.)	5	4,200	37,250	3,800	11,000	5,300	4,550	3,150	9,450
88	Flavoring extracts	14	67,000	216,455	.....	.....	14,975	57,655	31,375	112,450
89	Flouring and grist mill products	23	81,700	506,992	87,800	81,000	95,525	54,589	27,826	160,252

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—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.	
$13,950	$7,003	$709	$884	$512	$1,600	$55	$3,187	173	$77,284	31	$21,073	2	$745	22
210,737	166,931	9,246	4,481	2,401	.....	841	26,837	2,733	1,242,913	1,241	587,765	15	5,008	23
210,463	56,891	5,052	21,826	18,288	16,800	6,655	84,951	5,140	2,391,509	183	190,026	11	4,676	24
168,793	38,194	29,678	3,162	6,356	.....	2,618	88,785	711	414,676	152	126,047	2	1,200	25
20,349	3,104	949	2,851	2,760	.....	1,200	9,485	423	177,949	24	20,720	3	1,554	26
92,331	29,561	2,992	7,333	6,082	.....	3,504	42,859	2,154	603,826	67	69,616	2	972	27
47,612	17,368	3,194	7,466	7,991	.....	2,208	9,385	602	319,617	51	44,260	1	780	28
64,290	16,798	7,774	4,026	6,465	.....	1,730	27,497	685	443,616	93	108,733	1	468	29
26,237	11,164	248	1,110	5,390	.....	400	7,925	163	110,409	18	24,636	3	1,297	30
480,077	228,325	38,974	15,245	25,143	.....	8,161	164,229	4,479	2,311,357	1,233	831,825	127	45,905	31
239,917	85,516	13,469	8,697	41,520	.....	12,389	78,326	4,463	1,867,721	84	103,100	2	814	32
14,593	1,821	696	831	1,000	.....	900	9,345	244	152,921	5	6,980	.....	.....	33
37,930	19,234	2,166	3,574	1,623	.....	390	10,952	682	319,865	92	79,495	1	520	34
18,702	6,174	562	1,936	3,755	.....	150	6,125	372	137,435	25	21,286	1	364	35
4,431	2,992	.....	134	45	.....	.....	1,260	130	63,794	17	16,108	.....	.....	36
430,212	98,631	23,583	23,071	11,172	155,828	17,912	100,015	8,118	5,948,864	862	783,367	3	806	37
791,428	90,390	37,835	59,033	74,852	.....	151,714	377,604	12,124	5,288,702	237	254,920	6	2,831	38
16,749	10,484	1,838	609	457	.....	125	3,236	364	136,307	131	56,463	2	745	39
21,389	5,365	316	2,355	1,922	.....	5,659	5,772	174	99,198	28	20,164	.....	.....	40
15,444	10,300	259	899	3	.....	1,480	2,503	155	84,813	26	22,530	2	850	41
131,301	52,267	14,905	16,539	9,310	680	8,455	29,145	1,865	1,165,604	184	175,633	2	912	42
.....	.....	.....	.....	.....	.....	.....	.....	1,599	930,707	31	21,391	.....	.....	43
10,243	7,086	.....	1,065	50	.....	.....	2,042	277	197,967	1	780	.....	.....	44
5,725	2,392	576	255	430	.....	.....	2,072	47	17,507	21	8,315	2	482	45
272,696	14,023	14,596	25,330	31,978	.....	15,446	171,323	2,078	1,206,695	176	207,920	13	6,236	46
5,092	3,890	112	47	175	.....	.....	868	33	17,329	11	6,465	1	260	47
32,199	2,795	5,004	3,610	7,108	.....	4,371	9,311	523	268,538	42	35,335	1	750	48
3,554	1,655	.....	94	250	.....	.....	1,555	44	21,010	9	7,620	1	260	49
2,741	600	316	575	450	.....	.....	800	51	31,052	3	2,560	1	364	50
12,416	3,160	335	816	25	2,000	100	5,980	191	67,785	10	6,530	.....	.....	51
395,389	265,492	11,603	16,522	3,171	6,966	1,430	90,205	4,745	2,599,211	755	587,189	15	7,602	52
3,950,927	298,961	14,939	50,136	12,485	2,244,018	137,451	1,192,937	4,306	2,664,427	631	642,020	50	18,954	53
41,844	23,291	935	887	1,490	3,664	.....	11,577	2,360	932,137	170	98,875	9	5,024	54
8,982	2,520	.....	436	236	.....	.....	5,790	229	93,431	14	8,452	1	416	55
114,079	92,211	2,605	1,510	520	.....	51	17,173	2,514	775,584	31	21,550	603	258,335	56
229,646	64,420	1,209	7,366	3,718	104,040	6,016	42,877	2,456	785,863	104	97,044	38	18,040	57
61,860	16,409	1,738	5,232	6,020	.....	3,200	29,162	323	190,229	91	83,982	2	600	58
38,918	13,898	3,607	2,137	4,775	.....	1,000	13,501	278	195,232	98	85,646	2	1,800	59
7,637	3,818	260	313	600	.....	60	2,586	59	36,888	10	8,580	1	300	60
3,460	1,270	185	305	400	.....	160	1,140	60	30,900	8	7,326	.....	.....	61
346,137	136,556	12,356	10,867	8,044	.....	1,460	176,854	2,199	958,512	380	277,014	146	49,904	62
41,110	12,479	4,811	5,561	1,704	1,061	3,547	11,947	961	496,299	91	70,128	.....	.....	63
54,528	10,642	2,637	6,749	8,377	.....	375	25,748	969	327,645	89	43,283	.....	.....	64
4,575	3,226	11	13	110	.....	.....	1,215	15	6,910	7	4,520	1	1,000	65
18,409	1,789	424	722	750	.....	1,797	12,927	89	32,568	8	7,390	.....	.....	66
10,199	3,666	646	305	322	.....	.....	5,260	169	54,193	4	4,100	12	6,639	67
377,833	130,818	21,961	40,696	40,984	.....	50,821	92,553	7,080	2,883,596	212	214,101	3	1,070	68
28,102	5,948	1,145	2,293	3,025	.....	220	14,871	132	64,460	24	20,453	2	1,320	69
16,262	7,664	1,013	818	1,544	.....	.....	5,193	167	105,046	40	35,960	1	1,500	70
46,641	28,665	1,997	639	827	1,250	7	13,256	288	190,522	205	145,689	.....	.....	71
360,208	33,842	3,689	6,077	5,650	.....	6,700	304,250	737	576,826	142	255,208	1	425	72
119,085	74,386	8,943	5,397	4,447	.....	449	25,463	718	352,193	322	183,353	2	812	73
33,829	13,766	2,535	934	860	.....	5,000	10,734	363	163,121	56	37,612	22	9,198	74
347,452	42,315	19,331	28,706	76,586	.....	30,076	150,438	2,710	1,430,627	169	192,977	4	1,830	75
20,908	3,530	975	1,361	1,950	.....	497	12,595	201	90,088	19	13,526	.....	.....	76
22,906	12,252	1,838	1,121	2,010	.....	75	5,610	186	109,342	35	30,996	2	1,140	77
1,012	571	.....	22	5	.....	.....	414	10	5,212	5	3,000	.....	.....	78
2,455	1,571	.....	474	175	.....	.....	235	23	15,947	4	4,240	1	600	79
10,029	7,036	.....	405	270	.....	60	2,258	112	81,022	44	46,647	.....	.....	80
27,065	12,468	.....	1,058	1,450	.....	434	11,655	265	171,895	34	37,785	11	6,414	81
15,553	5,382	75	387	180	.....	25	9,504	155	118,286	35	34,363	2	936	82
28,399	11,638	222	3,041	2,780	.....	1,639	9,079	268	115,290	26	23,100	.....	.....	83
42,745	13,685	317	724	330	20,000	500	7,189	269	102,971	22	20,323	7	2,719	84
239,093	3,550	4,081	11,285	11,525	.....	20,414	188,238	526	254,601	45	38,374	.....	.....	85
43,065	2,956	2,440	2,083	12,700	.....	4,300	18,586	745	401,402	36	66,256	.....	.....	86
5,175	466	294	400	1,100	.....	.....	2,915	30	18,090	6	4,190	2	1,380	87
23,320	6,388	22	724	585	.....	45	15,556	83	55,458	20	25,233	.....	.....	88
32,351	9,003	2,311	3,717	5,440	.....	460	11,420	131	80,142	27	23,888	.....	.....	89

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
22	Boot and shoe uppers	30	$20,254	47	$15,324	6	$993	21	$11,911	27	$6,984
23	Boots and shoes, custom work and repairing	634	289,770	46	15,971	17	2,922	752	333,445	27	7,838
24	Boots and shoes, factory product	1,414	694,862	611	178,928	212	29,124	1,815	1,014,894	887	277,999
25	Bottling. (See also Liquors, malt; Mineral and soda waters.)	543	282,970	1	500	2	350	11	3,609		
26	Boxes, cigar	235	108,656	18	4,859	34	4,690	9	3,250	97	33,329
27	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	369	167,024	411	81,650	57	6,304	61	16,832	1,119	249,978
28	Boxes, wooden packing. (See also Lumber, planing mill products, including sash, doors, and blinds.)	500	256,680	8	1,724	7	1,529	21	12,004	14	2,640
29	Brass castings and brass finishing. (See also Bronze castings; Plumbers' supplies.)	572	327,985	3	1,240	12	2,942	4	2,248		
30	Brassware	119	73,588			5	1,368	18	9,520		
31	Bread and other bakery products	2,715	1,328,263	248	65,252	65	11,036	23	11,634	67	17,382
32	Brick and tile. (See also Clay and pottery products.)	3,790	1,584,298			154	27,504	406	146,941		
33	Bridges	230	145,941								
34	Brooms and brushes	200	84,755	48	10,120	21	2,779	282	131,436	30	9,096
35	Buttons	100	49,311	36	7,496	19	2,464	113	40,530	78	15,984
36	Card cutting and designing	92	43,203	4	1,544	5	789	11	2,000	1	150
37	Carpentering	6,840	4,811,662	1	260	18	4,650	394	348,119		
38	Carpets and rugs, other than rag. (See also Woolen goods.)	4,791	2,406,057	3,592	1,333,915	810	152,560	1,330	666,362	1,193	446,249
39	Carpets, rag	152	60,638	31	5,213	11	1,682	30	10,302	7	1,264
40	Carriage and wagon materials	92	47,338	5	1,560	2	328	47	29,808		
41	Carriages and sleds, children's	66	35,114	12	4,056	3	462	40	20,026	6	1,766
42	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	1,407	879,462			5	958	177	108,639		
43	Cars and general shop construction and repairs by steam railroad companies.	1,550	896,345					18	12,971		
44	Cars and general shop construction and repairs by street railroad companies.	276	197,187								
45	Cheese and butter, urban dairy product	20	7,738	4	972						
46	Chemicals. (See also Fertilizers; Paints; Varnish.)	1,455	870,456	396	103,546	3	437	30	15,900	5	2,200
47	China, decorating	13	7,724	1	260	4	712	3	1,908		
48	Clay and pottery products. (See also Brick and tile.)	439	210,113					41	22,340		
49	Cleansing and polishing preparations. (See also Blacking.)	26	11,406	6	1,274					2	450
50	Cloth, sponging and refinishing	43	26,928	4	1,200						
51	Clothing, horse	19	9,776	40	18,236	1	208	18	7,440	103	25,595
52	Clothing, men's, custom work and repairing	1,375	844,456	508	161,628	50	8,561	1,592	856,915	445	131,674
53	Clothing, men's, factory product	1,397	1,030,945	217	69,164	90	18,086	901	530,806	1,018	354,244
54	Clothing, men's, factory product, materials furnished.	552	292,294	973	303,047	24	3,762	355	157,911	271	70,266
55	Clothing, men's, factory product, buttonholes	55	27,567	60	17,892	5	831	24	9,974	70	28,299
56	Clothing, women's, dressmaking	31	14,751	1,700	449,880	21	2,598	18	7,373	104	19,597
57	Clothing, women's, factory product	222	131,097	550	188,435	76	11,664	285	77,798	1,181	261,785
58	Coffee and spice, roasting and grinding	159	90,214	45	13,468	3	624	10	5,708	13	4,633
59	Coffins and burial cases, trimming and finishing	150	94,310	7	2,564			17	9,576	4	1,336
60	Coffins, burial cases, and undertakers' goods	27	16,986	1	416	2	260	10	8,020	8	2,326
61	Combs	44	21,702	2	576	2	356	4	1,000		
62	Confectionery	1,012	469,602	462	118,958	27	5,034	62	15,915	106	21,981
63	Cooperage	736	362,827			20	4,450	114	58,894		
64	Cordage and twine	438	177,092	189	42,972	166	24,349	57	17,924	80	22,035
65	Cordials and sirups	2	800			2	340	3	250		
66	Cork, cutting	44	18,902	35	5,966	2	310				
67	Corsets	8	3,840	127	35,578	2	300			16	3,736
68	Cotton goods. (See also Hosiery and knit goods.)	2,590	1,298,445	3,123	1,094,677	518	75,438	105	83,447	458	114,993
69	Cotton waste	72	35,657	28	6,100	5	780	1	150		
70	Cutlery and edge tools. (See also Files; Hardware; Saws; Tools, not elsewhere specified.)	95	54,336			7	1,318	24	11,932		
71	Dentistry, mechanical	70	38,431	1	400	1	156	11	5,846		
72	Dentists' materials	441	267,993	116	39,260	34	5,600	3	2,340		
73	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	350	158,522	25	6,936	11	1,514	6	806	2	250
74	Dyeing and cleaning	103	49,783	95	27,095	7	1,106	64	29,003	16	9,324
75	Dyeing and finishing textiles	2,314	1,174,978	137	37,597	29	5,110	47	15,188	10	2,947
76	Electrical apparatus and supplies	81	48,933	83	21,924	10	2,145	8	4,160		
77	Electroplating	125	66,512	8	2,792	4	494	5	4,080	7	3,328
78	Enameling	4	1,848	1	364						
79	Engravers' materials	17	10,982			1	125				
80	Engraving and diesinking	59	39,668	2	300	5	663	2	644		
81	Engraving, steel, including plate printing. (See also Lithographing and engraving; Photo-lithographing and engraving.)	128	83,854	38	11,161	3	598	41	27,923	10	4,160
82	Engraving, wood	91	73,620			5	686	21	7,901	1	780
83	Envelopes	86	46,824	77	25,939	2	284			77	19,143
84	Fancy articles, not elsewhere specified	63	30,966	125	39,303	14	2,466	23	4,110	15	3,084
85	Fertilizers. (See also Chemicals.)	478	214,563			8	1,664				
86	Files. (See also Cutlery and edge tools.)	311	159,744	3	1,055	66	10,733	321	161,400	8	2,214
87	Fish, canning and preserving. (See also Food preparations.)	22	12,520								
88	Flavoring extracts	46	26,508	11	2,814	6	903				
89	Flouring and grist mill products	102	55,739	1	312	1	208				

BY SPECIFIED INDUSTRIES: 1890—*Continued.*

PHILADELPHIA, PA.—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.										
		$139,444	$125,447	$129	$123		$4,745	$273,375	$259,885	$13,490	22
1	$104	818,410	772,956	3,926		$19	41,509	2,747,403	1,741,384	1,006,019	23
7	1,000	3,159,934	3,049,975	11,146	8,007		90,806	6,851,834	6,828,236	23,598	24
		1,559,612	1,346,431	4,944		115	208,123	2,585,598	2,576,048	9,550	25
3	900	262,433	236,947	1,461	220	1,050	22,755	533,573	442,523	91,050	26
68	11,450	739,343	710,331	4,977	3,130	920	19,985	1,762,350	1,762,350		27
		744,307	725,060	3,614	1,680	9,919	4,034	1,248,566	1,216,137	32,429	28
		1,435,024	1,314,532	24,541	1,620	1,402	92,929	2,512,336	2,416,932	95,404	29
		140,056	133,686	3,481	1,030	150	1,709	378,555	375,755	2,800	30
1	60	5,083,483	5,525,799	154,985		1,645	301,054	10,778,592	10,329,699	448,893	31
27	5,064	529,902		453,605			76,297	3,586,191	3,546,313	39,878	32
		328,420	322,432	2,338		500	3,150	582,161	567,161	15,000	33
8	1,664	462,330	444,684	1,728	340	150	15,428	1,009,238	1,001,708	7,530	34
		148,678	131,041	1,577	1,100	1,105	13,855	386,719	386,719		35
		32,914	29,982	195	60	50	2,627	134,841	134,841		36
		8,302,196	7,970,649	4,713	1,690	1,753	323,391	17,316,892	16,166,115	1,150,777	37
165	25,808	13,070,198	12,250,951	139,404	18,055		661,788	22,000,681	21,504,379	496,302	38
		180,411	172,931	500			6,971	395,983	376,215	19,768	39
		117,897	110,477	4,655	510	535	1,720	295,343	277,121	18,222	40
		162,176	148,995	296		100	12,785	346,570	341,770	4,800	41
		837,926	756,005	23,129	800	250	57,742	2,618,173	1,556,085	1,062,088	42
		1,070,524	1,024,162	19,897		25,265	1,200	2,048,061	1,704,608	343,453	43
		156,294	148,634	1,934		250	5,476	370,845	236,745	134,100	44
		53,767	52,907				860	85,765	68,138	17,627	45
		6,295,398	5,953,557	120,175	730	10,735	120,201	9,674,910	9,427,060	247,850	46
		11,848	10,362	1,421			65	48,250	37,000	11,250	47
		137,061	95,521	35,213	240	605	5,392	601,996	598,796	3,200	48
		27,688	15,359	1,069	300		10,960	77,656	77,156	500	49
		3,498	818	1,280			1,400	46,500	46,500		50
		177,785	174,575	200			3,010	327,500	327,500		51
5	1,186	2,665,282	2,517,585	6,913	460	800	139,524	6,901,631	6,346,860	554,771	52
2	208	13,482,309	13,041,536	13,772	6,600	275	420,126	23,264,135	23,248,635	15,500	53
6	658	21,140	6,183	2,566	372	20	11,999	1,226,083	326,738	899,345	54
		20,076	400	20	920		19,336	142,104	142,104		55
6	1,500	521,416	399,245	2,487			119,684	1,720,476	1,334,929	385,547	56
		1,920,593	1,904,192	4,803	2,210	200	9,188	3,335,746	3,270,996	64,750	57
		1,654,399	1,626,926	15,004	150	490	11,820	2,119,452	2,104,702	14,750	58
		347,563	337,078	597			9,888	786,530	765,872	20,658	59
		127,427	123,292	17			4,118	235,920	235,920		60
		26,066	22,514	1,147	700	50	1,655	70,315	67,815	2,500	61
4	104	2,813,210	2,527,154	37,176	808	1,180	246,892	5,154,563	5,085,552	69,011	62
		980,977	965,179	4,099		1,414	10,285	1,749,985	1,703,172	46,813	63
		2,362,477	2,312,801	18,518	260	24,685	6,213	3,058,756	3,053,731	5,025	64
		7,699	7,522	116	36		25	27,285	27,285		65
		84,061	81,469	2,282		60	250	156,400	156,100	300	66
		92,474	92,133	78	200		63	184,265	126,955	57,310	67
11	1,419	6,459,484	6,152,543	92,595	30,595	51,654	132,097	11,514,601	9,896,372	1,618,229	68
		535,209	527,655	4,429	150	260	2,715	684,283	665,767	18,516	69
		47,142	39,042	3,120	2,270	526	2,184	209,116	183,417	25,699	70
		121,044	117,682	797			3,165	509,577	490,547	19,030	71
		561,714	520,625	7,992	600	50	32,447	1,701,840	1,649,840	52,000	72
		471,039	415,752	1,949			53,338	1,275,629	1,235,246	40,383	73
		43,944	34,387	6,532			3,025	333,269	77,421	255,848	74
		1,953,812	1,659,618	229,173	6,250		58,771	4,356,272	4,271,639	84,633	75
		425,822	418,130	5,360	470	168	1,694	639,365	637,234	2,131	76
		58,897	48,708	1,677	2,762		5,750	299,102	275,727	23,375	77
		3,572	3,236	144	192			10,400	9,650	750	78
		7,778	6,780	43	930		25	28,869	25,085	3,724	79
		18,937	16,866	171	388		1,512	146,796	88,086	57,810	80
		46,042	42,390	307	420		2,925	292,648	274,448	18,200	81
		28,486	26,700	482		20	1,284	227,173	216,073	9,100	82
		238,598	223,499	1,034	875	2,898	10,292	438,299	427,692	10,607	83
		156,073	149,683	655	520	100	5,115	465,893	451,093	14,800	84
		1,600,563	1,541,338	31,325		1,000	26,400	2,244,364	1,329,241	915,123	85
		391,663	298,581	14,747	180	63,700	14,455	955,636	903,336	52,300	86
		91,885	51,500	245			40,140	126,370	84,370	42,000	87
		430,864	406,864	530			23,470	612,262	608,643	3,619	88
		1,411,422	1,353,305	11,478	1,600	3,320	41,719	1,662,697	1,545,276	117,421	89

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
90	Food preparations. (See also Fish, canning and preserving; Fruits and vegetables, canning and preserving.)	31	$85,000	$673,965	$68,300	$80,400	$129,182	$83,002	$101,003	$212,078
91	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	345	2,975,100	30,680,644	4,265,495	4,294,441	8,195,273	1,867,752	4,155,796	7,901,887
92	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	8	78,000	628,354	33,000	21,476	58,110	239,101	51,766	224,901
93	Fur goods. (See also Hats and caps, not including wool hats.)	31	271,600	1,122,270	98,250	316,500	22,535	186,960	293,725	204,300
94	Furnishing goods, men's. (See also Shirts.)	67	535,800	1,366,138	15,250	15,500	119,770	273,478	335,659	606,481
95	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	427	1,137,500	1,756,645	199,300	219,750	138,754	264,076	453,429	481,336
96	Furniture, chairs	15	125,800	410,304	35,000	30,000	32,975	55,010	118,670	138,649
97	Furniture, factory product	79	940,300	3,287,287	429,500	467,255	394,862	453,687	651,768	890,215
98	Galvanizing	5	35,400	570,816	78,000	62,000	55,471	116,289	53,534	214,522
99	Gas and lamp fixtures. (See also Lamps and reflectors.)	17	390,500	1,153,135	62,775	80,500	133,396	141,215	267,837	467,412
100	Gas machines and meters	7	190,750	886,941	25,000	75,000	164,141	134,500	204,800	283,500
101	Glass	11	8,000	1,899,619	350,583	438,520	273,378	119,399	316,029	401,710
102	Glass, cutting, staining, and ornamenting	33	121,000	243,403	8,400	8,100	47,681	51,145	47,380	80,697
103	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	3	8,125	30,900	1,200	300	4,300	3,750	18,500	2,850
104	Gold and silver, leaf and foil	10	20,250	605,145	64,000	133,000	113,700	49,385	35,510	209,550
105	Gold and silver, reducing and refining, not from the ore.	5	13,825	14,225	.....	.....	3,025	2,500	1,300	7,400
106	Grease and tallow. (See also Axle grease; Soap and candles.)	14	37,000	418,680	73,000	68,000	57,900	41,750	37,017	141,013
107	Hairwork	48	160,000	274,027	37,300	45,200	23,842	50,450	74,345	42,890
108	Hand stamps	9	31,125	88,155	.....	.....	35,250	4,075	30,860	17,970
109	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	27	135,250	1,704,778	206,000	271,000	426,913	146,706	272,217	381,942
110	Hardware, saddlery	12	27,000	83,700	6,500	7,500	26,150	10,635	14,360	18,555
111	Hat and cap materials	7	14,250	125,522	9,000	10,000	33,065	28,007	5,100	31,350
112	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	85	595,000	2,453,022	536,900	494,700	171,985	568,092	201,680	479,065
113	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	178	993,670	7,830,196	456,162	999,596	2,338,105	814,784	1,993,581	1,827,068
114	House furnishing goods, not elsewhere specified.	17	48,125	202,942	12,500	14,500	46,440	42,594	28,708	58,200
115	Ice, artificial	3	5,000	281,850	60,000	50,000	126,000	2,500	350	43,000
116	Ink, printing	8	39,800	595,300	138,000	61,000	106,100	79,100	47,000	163,500
117	Ink, writing	5	16,650	47,737	1,000	1,500	20,800	5,025	5,350	14,062
118	Instruments, professional and scientific	42	169,400	583,945	53,750	32,500	176,730	42,315	185,990	92,660
119	Iron and steel	9	.....	4,437,992	672,896	587,890	1,579,758	329,250	535,385	732,804
120	Iron and steel, bolts, nuts, washers, and rivets	9	3,570	1,687,301	176,500	271,829	563,379	108,499	160,863	406,231
121	Iron and steel, forgings	6	20,570	206,872	33,175	27,375	66,300	10,534	17,630	51,858
122	Iron and steel, nails and spikes, cut and wrought, including wire nails.	6	33,360	385,949	54,000	74,000	108,370	76,750	25,329	47,500
123	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	49	198,225	1,132,014	155,700	225,250	258,575	87,700	134,455	270,274
124	Ivory and bone work	7	77,500	222,959	.....	.....	41,528	76,296	56,000	49,135
125	Japanning	4	6,000	30,254	6,500	13,500	6,050	1,350	485	2,369
126	Jewelry. (See also Watch, clock, and jewelry repairing.)	39	384,000	2,089,648	22,000	36,125	292,514	487,931	679,737	571,341
127	Jewelry and instrument cases	8	45,200	53,984	.....	.....	9,550	9,730	12,530	22,174
128	Kaolin and other earth grinding	10	40,000	379,276	67,250	63,500	77,550	43,558	47,451	79,967
129	Kindling wood	14	14,200	126,374	31,750	39,550	28,633	13,950	1,441	11,050
130	Labels and tags	4	1,300	16,662	.....	.....	9,500	1,400	1,800	3,062
131	Lamps and reflectors. (See also Gas and lamp fixtures.)	10	60,450	454,357	.....	.....	26,636	12,880	20,880	393,961
132	Lasts	5	17,200	45,181	.....	.....	13,285	13,224	990	17,682
133	Leather goods. (See also Pocketbooks; Trunks and valises.)	14	132,500	494,745	10,000	2,000	41,600	74,875	102,210	264,060
134	Leather, morocco	33	410,500	5,021,913	203,500	595,000	535,877	1,090,106	1,285,217	1,312,213
135	Leather, tanned and curried	30	196,750	1,176,565	75,700	131,000	125,475	110,095	360,942	373,353
136	Lightning rods	3	2,000	167,550	16,400	14,600	15,550	17,125	23,000	80,875
137	Liquors, malt. (See also Bottling.)	76	254,000	16,335,750	2,589,904	4,663,564	3,942,197	970,262	1,795,410	2,374,413
138	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	23	179,125	1,702,261	130,000	240,000	664,098	73,720	302,650	291,784
139	Lock and gun smithing	87	113,725	236,370	49,500	44,600	43,790	19,815	27,760	50,905
140	Looking-glass and picture frames	82	480,000	822,010	135,000	67,600	88,156	162,410	214,950	153,897
141	Lumber and other mill products from logs or bolts.	4	171,000	523,663	88,000	54,500	52,300	125,500	67,747	135,616
142	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	61	295,750	3,204,202	628,526	405,115	485,421	453,363	265,522	966,255
143	Malt. (See also Liquors, malt.)	6	52,000	903,172	105,000	142,000	27,160	76,000	209,000	344,072
144	Mantels, slate, marble, and marbleized	9	81,250	196,600	9,200	10,000	26,400	42,000	34,500	74,500
145	Marble and stone work. (See also Monuments and tombstones.)	98	285,750	1,613,016	314,445	142,400	217,815	295,698	159,709	482,940
146	Masonry, brick and stone. (See also Plastering and stuccowork.)	501	438,250	6,582,960	422,955	388,020	485,497	404,038	2,783,442	2,099,008
147	Matches	5	26,750	118,537	10,000	9,000	45,000	9,000	18,150	27,387
148	Mats and matting	3	3,700	13,700	2,000	1,000	1,900	1,350	2,850	4,600

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—Continued.

MISCELLANEOUS 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.	
$57,339	$8,500	$2,028	$2,434	$4,940	.....	$225	$39,212	388	$162,169	53	$44,666	1	$300	90
1,853,661	223,675	84,611	81,043	436,271	$41,100	174,512	812,449	17,422	11,133,324	1,000	1,155,735	35	20,795	91
27,783	8,195	57	1,639	2,506	.....	2,387	12,999	214	110,320	43	45,614	.....	.....	92
48,055	27,199	286	4,102	435	.....	800	15,233	512	257,461	33	29,137	11	4,386	93
249,166	53,597	695	4,640	1,640	136,320	1,050	51,224	1,406	520,572	103	114,745	7	3,792	94
163,466	116,618	6,063	8,352	2,259	.....	917	29,257	1,647	941,150	389	262,723	15	5,612	95
25,308	12,756	1,264	2,423	1,025	.....	150	7,690	308	177,908	28	29,412	.....	.....	96
236,694	96,402	12,244	20,323	9,836	.....	13,045	75,244	2,589	1,636,886	185	210,347	7	2,100	97
45,554	3,544	2,313	419	9,425	.....	1,466	28,387	289	155,768	23	36,081	.....	.....	98
119,024	40,076	1,798	4,672	3,180	.....	4,839	64,459	1,060	659,691	102	128,590	2	1,124	99
52,715	20,050	1,250	3,915	3,000	.....	4,200	20,300	497	314,600	26	30,593	2	1,200	100
74,308	850	5,485	9,794	9,357	.....	13,495	35,327	2,079	831,251	44	54,226	.....	.....	101
25,981	12,440	252	932	960	.....	257	11,140	366	216,432	30	29,974	2	772	102
2,301	750	28	198	.....	.....	.....	1,325	31	13,066	2	1,400	5	1,560	103
17,109	2,149	2,400	1,608	2,100	.....	3,500	5,343	452	209,928	18	17,557	2	832	104
1,819	1,464	.....	20	205	.....	.....	130	12	13,865	5	9,500	.....	.....	105
30,350	4,062	2,131	2,883	2,979	.....	550	17,745	168	104,576	22	21,014	1	416	106
29,868	16,805	2,717	1,051	625	.....	100	8,570	207	85,305	21	18,172	31	14,156	107
4,462	3,108	.....	559	30	.....	.....	765	73	53,705	18	19,564	.....	.....	108
64,841	12,520	3,774	7,190	2,860	.....	11,231	27,266	1,624	789,613	81	79,240	2	988	109
4,648	2,706	150	223	214	.....	.....	1,355	69	41,477	15	11,180	1	520	110
3,778	1,471	460	562	660	.....	.....	625	87	44,240	8	8,550	.....	.....	111
337,872	35,645	2,643	10,782	14,235	4,000	53,133	217,434	2,209	1,099,926	127	116,277	2	1,144	112
654,926	89,629	19,529	40,627	85,676	.....	97,291	322,174	12,637	4,025,709	373	402,913	33	13,972	113
14,248	5,070	735	1,170	1,075	4,200	100	1,898	172	72,958	19	15,270	.....	.....	114
12,291	500	1,338	1,250	1,500	.....	3,240	4,463	27	19,807	4	3,704	.....	.....	115
23,572	4,290	1,773	2,609	10,915	.....	1,130	2,855	132	120,575	30	39,355	.....	.....	116
3,816	1,726	51	145	70	.....	.....	1,824	39	15,632	8	6,958	.....	.....	117
45,036	16,991	994	2,465	3,722	.....	622	20,242	423	313,096	55	60,401	6	2,008	118
427,816	.....	9,761	4,774	173,402	.....	36,387	203,402	2,294	1,363,519	125	147,615	.....	.....	119
64,327	250	5,310	3,080	14,768	.....	9,090	31,919	1,057	433,298	32	32,783	.....	.....	120
10,423	1,440	364	530	6,500	.....	338	1,251	156	81,580	11	8,840	.....	.....	121
29,145	2,335	641	419	6,500	.....	7,500	11,750	214	112,814	5	5,196	3	1,670	122
65,433	20,841	5,106	3,571	3,163	.....	865	31,887	970	608,640	76	74,022	4	1,750	123
23,827	7,775	124	2,164	225	.....	54	13,485	311	122,359	26	18,794	.....	.....	124
2,694	660	35	115	225	.....	72	1,587	31	14,922	3	3,320	.....	.....	125
112,544	38,415	790	5,676	11,473	.....	500	55,690	1,038	630,629	114	124,294	12	5,334	126
9,332	4,534	21	439	343	.....	680	3,315	104	55,002	16	20,352	1	416	127
20,987	4,000	1,188	1,280	4,443	.....	2,675	7,401	141	90,584	29	29,920	.....	.....	128
8,166	1,572	679	226	630	.....	.....	5,059	83	34,653	11	6,220	.....	.....	129
1,933	980	14	189	500	.....	.....	250	32	12,950	6	4,270	.....	.....	130
22,762	5,912	500	377	295	.....	1,573	14,105	90	60,918	22	19,804	1	1,000	131
3,129	1,656	286	318	308	.....	.....	561	67	37,799	5	4,664	.....	.....	132
50,837	12,919	373	3,001	325	.....	6,535	27,684	568	278,367	56	54,501	6	2,000	133
366,327	41,080	11,644	23,666	62,443	.....	21,947	205,547	3,012	1,681,365	137	149,228	3	1,386	134
59,005	21,649	2,498	6,042	4,603	.....	6,068	18,145	582	370,328	55	55,624	.....	.....	135
3,381	216	435	480	2,100	.....	.....	150	76	54,514	14	25,740	.....	.....	136
2,620,935	24,162	1,702,711	53,561	189,799	.....	54,504	596,198	1,910	1,035,241	219	412,152	4	6,276	137
72,771	18,842	4,830	7,293	13,695	2,090	650	25,371	800	504,582	57	54,630	9	3,880	138
20,402	12,515	1,155	533	1,150	.....	1,500	3,549	201	114,028	80	51,154	.....	.....	139
85,091	51,624	2,405	4,334	3,023	.....	2,360	21,345	552	322,873	96	94,650	14	4,044	140
48,612	15,100	2,808	3,954	4,050	.....	21,150	1,550	128	83,028	15	21,644	.....	.....	141
201,300	32,534	11,741	26,327	32,022	.....	30,876	67,800	2,104	1,395,509	143	164,382	5	2,032	142
38,638	4,868	2,851	1,160	16,650	.....	.....	13,109	109	57,348	11	20,640	.....	.....	143
15,455	8,150	354	811	1,135	.....	360	4,645	208	141,040	16	16,336	.....	.....	144
93,467	31,454	6,423	2,660	7,901	.....	1,985	43,044	1,560	1,133,285	103	112,143	.....	.....	145
2,144,770	49,322	45,715	34,476	20,779	1,803,622	61,785	129,071	11,097	7,580,785	511	524,361	2	1,248	146
16,451	3,100	242	1,227	760	.....	937	10,185	159	51,899	8	8,530	.....	.....	147
1,012	444	40	41	.....	.....	.....	487	18	6,132	3	1,628	.....	.....	148

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
90	Food preparations. (See also Fish canning and preserving; Fruits and vegetables, canning and preserving.)	205	$79,145	68	$15,812	3	$400			56	$21,482
91	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	14,781	9,060,449	25	7,538	62	11,470	1,510	$875,837		
92	Fruits and vegetables, canning and preserving. (See also Food preparations; Pickles, preserves, and sauces.)	109	51,580	25	6,372			7	2,918	30	3,830
93	Fur goods. (See also Hats and caps, not including wool hats.)	120	105,906	279	103,566	15	2,258	11	5,432	43	6,770
94	Furnishing goods, men's. (See also Shirts.)	181	95,154	198	64,071	24	4,650	237	67,656	656	170,504
95	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	911	547,528	173	62,325	17	8,345	119	55,308	23	4,309
96	Furniture, chairs	210	113,600					68	34,546	2	350
97	Furniture, factory product	2,065	1,241,001	39	13,000	4	645	286	167,793	3	1,100
98	Galvanizing	253	111,567					13	8,120		
99	Gas and lamp fixtures. (See also Lamps and reflectors.)	883	502,221	31	9,208	14	2,602	28	15,946		
100	Gas machines and meters	428	256,657	3	1,800			38	24,350		
101	Glass	764	309,403	46	10,170	661	93,763	502	355,313		
102	Glass, cutting, staining, and ornamenting	273	170,563	24	6,005	24	4,208	13	4,910		
103	Gloves and mittens. (See also Hosiery and knit goods; Woolen goods.)	2	1,188	1	390			6	3,848	15	4,680
104	Gold and silver, leaf and foil	210	125,829	189	49,831	4	725	6	4,970	23	10,184
105	Gold and silver, reducing and refining, not from the ore.	7	4,365								
106	Grease and tallow. (See also Axle grease; Soap and candles.)	145	82,546								
107	Hairwork	31	17,508	81	27,015	8	1,180	3	900	32	6,374
108	Hand stamps	30	18,931	2	463	6	1,170	17	13,572		
109	Hardware. (See also Cutlery and edge tools; Tools, not elsewhere specified.)	1,161	531,769	32	8,188	44	7,418	298	159,560	6	2,450
110	Hardware, saddlery	30	20,599	1	100			11	7,620	2	468
111	Hat and cap materials	65	30,659	3	1,090	1	156	6	2,475	4	1,400
112	Hats and caps, not including wool hats. (See also Fur goods; Straw goods, not elsewhere specified.)	841	431,722	195	72,246	38	3,978	468	307,938	537	166,421
113	Hosiery and knit goods. (See also Cotton goods; Gloves and mittens; Woolen goods.)	1,660	840,935	3,095	855,825	908	134,319	913	350,696	5,190	1,361,995
114	House furnishing goods, not elsewhere specified.	44	25,308	86	22,994	1	60	12	7,326	10	2,000
115	Ice, artificial	20	12,879					3	3,224		
116	Ink, printing	102	81,220								
117	Ink, writing	15	5,660	11	2,436	5	578				
118	Instruments, professional and scientific	282	188,120	2	400	9	1,588	69	60,489		
119	Iron and steel	2,166	1,215,225			3	679				
120	Iron and steel, bolts, nuts, washers, and rivets	479	213,679			20	3,200	431	158,285	27	7,500
121	Iron and steel, forgings	81	39,604					64	33,136		
122	Iron and steel, nails and spikes, cut and wrought, including wire nails.	125	61,286			3	576	70	42,590	1	180
123	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	847	509,055			10	1,727	33	22,086		
124	Ivory and bone work	133	52,536	42	10,459	13	1,968	95	38,102	2	500
125	Japanning	15	7,060	7	2,250	3	582	2	600	1	210
126	Jewelry. (See also Watch, clock, and jewelry repairing.)	601	385,721	71	23,424	72	13,445	103	65,350	65	13,061
127	Jewelry and instrument cases	44	22,722	36	9,984	6	1,294				
128	Kaolin and other earth grinding	107	59,719					5	945		
129	Kindling wood	52	23,433	6	930			14	4,070		
130	Labels and tags	20	7,746	1	182	5	752				
131	Lamps and reflectors. (See also Gas and lamp fixtures.)	62	36,632	2	832			3	2,600		
132	Lasts	61	32,407					1	728		
133	Leather goods. (See also Pocketbooks; Trunks and valises.)	239	113,423	165	50,543			92	50,900	10	2,000
134	Leather, morocco	1,929	964,516	9	3,332	154	29,094	764	525,313	16	7,896
135	Leather, tanned and curried	314	169,602	7	2,316			201	141,266	5	1,520
136	Lightning rods	62	28,774								
137	Liquors, malt. (See also Bottling.)	1,669	1,213,281			11	2,132	7	1,400		
138	Lithographing and engraving. (See also Engraving, steel, including plate printing; Photolithographing and engraving; Printing and publishing.)	531	380,831	63	16,887	101	16,124	27	28,930	12	3,360
139	Lock and gun smithing	115	61,387			3	587	3	900		
140	Looking-glass and picture frames	363	202,031	15	3,484	18	3,098	19	9,030	25	5,280
141	Lumber and other mill products from logs or bolts.	109	58,484			2	300	2	2,600		
142	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	1,885	1,187,384			9	906	62	40,805		
143	Malt. (See also Liquors, malt.)	98	36,708								
144	Mantels, slate, marble, and marbleized	190	123,820			2	884				
145	Marble and stone work. (See also Monuments and tombstones.)	1,447	1,015,662					10	5,480		
146	Masonry, brick and stone. (See also Plastering and stuccework.)	9,869	6,416,040			6	928	709	637,308		
147	Matches	54	19,355	4	1,456			9	3,700	84	18,858
148	Mats and matting	9	2,964			4	500	2	1,040		

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—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.	
2	$364	$645,083	$524,902	$3,993	$490	$380	$115,318	$1,060,620	$1,047,610	$13,010	90
9	1,500	11,973,876	10,973,601	309,605	22,104	150,481	518,085	29,554,444	28,157,497	1,396,947	91
.....	.....	477,029	454,745	5,272	.....	50	16,962	700,022	700,022	.....	92
.....	.....	558,806	553,651	335	.....	.....	4,820	1,016,851	988,600	28,251	93
.....	.....	1,579,581	1,544,290	2,421	2,120	150	30,600	2,856,867	2,846,617	10,250	94
.....	.....	999,816	945,070	4,397	2,776	577	46,996	2,779,979	2,469,032	310,947	95
.....	.....	331,471	325,877	1,939	120	100	3,435	695,444	687,924	7,520	96
.....	.....	1,941,180	1,836,481	19,589	8,287	6,255	70,568	4,812,913	4,739,729	73,184	97
.....	.....	785,036	758,507	8,091	.....	4,751	13,687	1,066,079	987,002	79,077	98
.....	.....	463,788	426,645	11,375	2,500	5,596	17,672	1,489,810	1,470,585	19,225	99
.....	.....	278,824	242,594	4,220	200	1,600	30,210	818,062	808,062	10,000	100
62	8,376	391,957	202,724	75,631	.....	.....	113,602	1,718,016	1,480,516	237,500	101
.....	.....	162,185	151,803	1,815	1,377	100	7,090	480,804	473,784	7,020	102
.....	.....	26,442	26,402	.....	.....	.....	40	47,212	46,912	300	103
.....	.....	685,530	656,080	3,200	500	350	25,400	986,472	984,600	1,872	104
.....	.....	143,930	143,000	430	200	.....	300	174,500	173,000	1,500	105
.....	.....	858,576	835,486	9,410	840	1,260	11,580	1,107,529	1,088,114	19,415	106
.....	.....	100,947	94,898	354	.....	.....	5,695	288,942	272,342	16,600	107
.....	.....	43,123	21,141	387	400	.....	21,195	127,060	125,320	1,740	108
.....	.....	582,194	487,280	35,870	1,728	7,912	49,404	1,932,761	1,919,129	13,632	109
9	990	30,085	28,234	276	660	.....	915	98,637	98,487	150	110
.....	.....	111,363	104,248	1,915	.....	.....	5,200	194,000	194,000	.....	111
1	200	1,507,271	1,448,380	17,721	1,520	225	39,425	3,388,220	3,353,155	35,065	112
465	65,144	7,710,256	7,029,689	59,327	18,366	.....	602,874	14,932,981	13,945,121	987,860	113
.....	.....	276,354	271,460	369	550	75	3,900	411,041	407,541	3,500	114
.....	.....	12,059	.....	8,409	.....	800	2,850	118,990	118,990	.....	115
.....	.....	256,677	229,474	4,716	450	150	21,887	503,277	502,277	.....	116
.....	.....	44,835	22,603	459	.....	35	21,738	86,829	76,829	10,000	117
.....	.....	153,650	128,514	2,317	2,257	75	20,487	720,879	687,304	33,575	118
.....	.....	2,624,701	1,977,885	323,411	.....	.....	323,405	5,022,312	4,970,938	51,374	119
68	12,851	844,028	736,244	39,117	3,300	29,104	36,263	1,543,823	1,543,723	100	120
.....	.....	148,125	127,955	18,962	120	100	988	298,738	296,238	2,500	121
7	1,307	438,632	422,490	10,263	.....	1,452	4,427	670,427	670,427	.....	122
.....	.....	879,748	848,469	15,746	1,005	1,455	13,073	1,852,212	1,826,470	25,742	123
.....	.....	128,811	126,931	260	700	100	820	330,116	330,016	100	124
.....	.....	6,568	4,648	620	.....	.....	1,300	35,200	34,800	400	125
.....	.....	1,856,712	1,836,542	1,162	9,265	403	9,340	3,139,596	3,104,441	35,155	126
1	234	63,979	62,383	205	91	.....	1,300	173,520	172,820	700	127
.....	.....	227,793	199,985	13,816	.....	2,842	11,150	386,351	384,351	2,000	128
.....	.....	56,158	55,728	357	.....	33	40	115,263	115,263	.....	129
.....	.....	3,285	2,985	.....	150	20	130	20,450	16,950	3,500	130
.....	.....	135,236	69,074	490	1,090	25	64,557	261,355	167,675	93,680	131
.....	.....	22,388	19,860	436	818	166	1,108	79,307	71,637	7,670	132
.....	.....	504,332	491,955	117	1,950	.....	10,310	1,010,648	1,010,598	50	133
.....	.....	7,725,719	7,600,954	40,296	1,820	.....	82,649	10,840,198	10,358,998	481,200	134
.....	.....	1,235,112	1,198,801	10,316	.....	.....	25,995	1,842,099	1,815,749	26,350	135
.....	.....	95,500	88,950	1,800	.....	500	4,250	219,100	219,100	.....	136
.....	.....	3,604,153	3,219,933	234,210	.....	53,918	186,092	10,506,692	10,072,866	433,826	137
.....	.....	593,263	498,678	4,080	3,142	2,550	84,813	1,578,619	1,577,869	750	138
.....	.....	63,215	60,246	519	310	25	2,115	248,530	170,990	77,540	139
2	356	428,465	409,370	1,305	1,290	.....	16,500	1,041,556	1,026,406	15,150	140
.....	.....	494,183	485,542	.....	.....	2,785	5,856	652,856	645,656	7,200	141
.....	.....	2,162,363	2,056,792	12,420	2,755	17,424	72,972	4,275,732	4,220,972	54,760	142
.....	.....	411,728	404,087	6,466	.....	675	500	562,462	562,462	.....	143
.....	.....	104,839	98,133	1,369	75	150	5,112	365,818	353,518	12,300	144
.....	.....	1,348,645	1,307,817	10,967	1,060	3,311	25,490	2,970,579	2,872,562	98,017	145
.....	.....	10,525,867	10,152,346	14,691	.....	58,629	300,201	23,631,669	22,875,142	756,527	146
.....	.....	74,699	61,327	879	.....	130	12,363	164,829	164,829	.....	147
.....	.....	6,671	6,500	114	.....	.....	57	15,020	15,020	.....	148

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	41	$200,000	$428,360	$27,500	$36,100	$60,945	$82,420	$47,910	$173,485
150	Millinery and lace goods. (See also Artificial feathers and flowers.)	24	168,500	540,610	20,500	31,000	87,900	143,495	103,001	163,714
151	Millinery, custom work	265	737,200	884,103	81,200	105,450	33,356	241,995	107,722	254,380
152	Mineral and soda waters. (See also Bottling.)	31	117,255	237,758	23,200	20,875	130,832	11,137	11,704	40,010
153	Mirrors	4	26,500	23,750	.....	.....	7,200	7,350	4,200	5,000
154	Models and patterns	37	77,239	91,693	4,800	9,200	28,450	6,274	15,005	27,964
155	Monuments and tombstones. (See also Marble and stone work.)	51	61,636	591,060	103,660	57,390	40,480	51,905	137,325	140,300
156	Mucilage and paste	7	17,524	73,046	6,000	2,000	10,200	9,600	8,900	36,346
157	Musical instruments and materials, not specified.	39	80,700	247,078	19,300	25,100	70,940	20,210	63,838	47,690
158	Musical instruments, organs and materials	11	56,061	116,120	1,500	2,000	12,826	13,638	27,822	58,334
159	Musical instruments, pianos and materials	10	46,892	389,855	36,400	86,000	37,740	52,665	123,400	53,050
160	Needles and pins	5	5,232	41,830	2,400	9,000	14,000	3,040	6,340	7,050
161	Oil, linseed	3	3,700	666,200	130,000	80,400	135,500	108,000	52,300	160,000
162	Oil, lubricating	8	62,400	176,100	4,500	7,000	37,200	14,800	36,850	75,750
163	Optical goods	38	283,189	564,057	11,500	24,000	212,273	65,063	110,100	141,721
164	Painting and paper hanging	1,001	1,350,548	2,781,794	294,700	363,720	257,357	556,345	229,399	1,080,273
165	Paints. (See also Chemicals; Varnish.)	35	236,173	3,678,213	355,200	449,791	404,750	367,335	1,006,641	1,094,496
166	Paper. (See also Pulp, wood.)	10	20,000	2,546,691	193,333	530,679	1,246,439	141,190	179,672	255,378
167	Paper goods, not elsewhere specified	12	54,205	112,205	.....	.....	38,130	9,790	7,425	56,860
168	Paper hangings	7	151,538	1,355,188	145,000	185,000	336,377	57,932	158,410	472,469
169	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	93	437,968	2,464,493	138,600	122,100	264,470	180,671	225,557	1,533,095
170	Paving and paving materials	71	184,095	908,213	60,300	44,700	178,799	60,670	195,431	368,313
171	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	21	106,094	324,577	13,000	28,000	43,185	50,075	69,470	119,947
172	Petroleum, refining	4	195,275	9,156,523	765,076	596,488	2,094,336	361,758	1,221,164	4,117,701
173	Photographic materials	7	42,394	132,216	10,000	14,838	48,287	19,471	15,364	24,256
174	Photography	116	691,000	553,892	48,700	69,000	255,140	32,877	50,284	97,891
175	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	9	44,156	61,500	.....	.....	35,850	2,700	4,500	18,450
176	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	18	93,297	144,957	6,500	9,500	31,280	36,935	17,169	43,573
177	Pipes, tobacco	7	14,779	196,910	12,000	46,000	77,200	24,310	27,750	9,650
178	Plastering and stuccowork. (See also Masonry, brick and stone.)	143	100,800	517,696	84,500	94,300	68,310	13,535	80,712	176,339
179	Plated and britannia ware. (See also Silverware.)	9	39,889	130,805	.....	.....	47,500	13,800	37,275	32,230
180	Plumbers' supplies. (See also Brass castings and brass finishing.)	15	131,687	1,401,675	153,000	146,250	267,675	120,300	269,900	444,550
181	Plumbing and gas fitting	498	742,463	2,612,597	375,350	447,300	270,727	260,951	231,807	1,026,462
182	Pocketbooks. (See also Leather goods.)	8	35,200	236,250	26,000	48,000	20,400	33,950	53,300	54,600
183	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	338	2,862,303	10,989,436	347,800	423,700	5,831,802	755,772	1,209,109	2,421,253
184	Printing and publishing, music. (See also Bookbinding and blank-book making.)	17	80,188	607,170	52,000	33,000	378,981	36,142	43,992	63,055
185	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	313	2,031,941	9,046,867	1,183,500	830,606	3,390,242	336,680	973,195	2,332,644
186	Printing materials	9	50,063	91,727	.....	.....	19,877	2,400	5,300	64,150
187	Pumps, not including steam pumps	4	5,037	73,092	20,000	11,750	2,300	1,700	11,402	25,850
188	Refrigerators	8	132,225	199,570	3,500	2,000	23,527	16,550	61,581	92,412
189	Regalia and society banners and emblems. (See also Flags and banners.)	28	95,632	251,151	17,500	21,500	65,762	39,875	38,091	68,423
190	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	211	374,657	1,214,898	144,000	147,750	172,502	131,683	148,278	470,685
191	Rubber and elastic goods	5	91,702	315,077	.....	.....	54,972	79,546	20,734	159,825
192	Saddlery and harness	178	330,127	713,080	80,040	76,660	52,521	88,272	161,920	254,267
193	Safes and vaults	4	50,780	118,450	.....	.....	23,500	23,500	44,200	27,250
194	Sausage. (See also Slaughtering.)	10	9,954	76,475	16,600	18,000	14,300	4,250	5,725	16,700
195	Saws	6	3,545	2,726,443	238,000	352,411	414,879	100,600	457,088	1,161,565
196	Scales and balances	7	61,028	155,965	.....	.....	60,550	11,567	36,198	47,650
197	Sewing machine repairing	17	21,827	13,796	500	1,000	4,000	1,625	1,820	4,851
198	Sewing machines and attachments	8	30,000	650,525	75,000	50,000	263,500	50,275	51,750	160,000
199	Shipbuilding	18	39,250	1,245,276	366,000	82,965	241,395	66,980	99,759	388,177
200	Shirts. (See also Furnishing goods, men's.)	59	457,666	1,349,950	33,800	52,800	110,905	149,161	544,829	458,455
201	Shoddy	13	77,200	298,613	31,000	46,000	82,200	40,587	21,941	76,885
202	Show cases	6	50,695	70,770	.....	.....	20,000	17,000	22,800	10,970
203	Silk and silk goods	43	679,161	4,747,759	166,000	665,652	1,065,346	832,356	1,046,715	971,690
204	Silverware. (See also Plated and britannia ware.)	5	16,111	269,580	27,500	27,500	76,667	16,150	81,000	40,763
205	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	81	219,318	2,857,441	311,150	345,375	427,525	241,156	496,085	1,036,150
206	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	121	191,000	864,766	112,668	111,050	178,841	54,680	50,647	356,880
207	Smelting and refining	5	6,018	19,850	50	1,150	6,190	510	4,800	7,150
208	Soap and candles. (See also Grease and tallow.)	42	170,533	1,873,911	149,469	285,446	295,934	187,170	351,494	604,398
209	Sporting goods	8	29,620	215,920	8,000	6,000	98,150	19,145	49,370	35,255
210	Springs, steel, car and carriage	5	60,000	892,508	127,000	126,500	164,500	117,000	103,100	254,408
211	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	11	78,266	823,075	64,000	96,000	215,700	79,000	123,250	245,125

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—Continued.

MISCELLANEOUS 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.	
$40,886	$21,052	$755	$2,531	$790	.....	$1,300	$20,458	381	$205,470	48	$35,746	3	$1,332	149
57,039	16,860	122	1,541	2,380	.....	1,150	34,986	606	216,327	27	24,582	18	11,430	150
126,564	75,595	2,877	3,107	339	$8,516	.....	36,130	986	382,705	43	43,615	213	100,267	151
35,498	11,904	1,344	849	2,738	.....	560	18,103	157	83,366	33	25,592	4	1,913	152
3,387	2,630	.....	93	350	.....	.....	314	18	12,432	4	3,608	.....	.....	153
13,144	7,917	192	631	350	.....	.....	4,054	199	130,053	31	26,178	.....	.....	154
23,289	6,780	3,213	427	2,445	.....	1,162	9,262	421	306,908	58	58,417	.....	.....	155
5,591	1,840	60	211	610	.....	.....	2,810	45	25,252	10	10,140	1	300	156
52,033	8,073	750	1,709	880	30,000	.....	10,621	181	117,609	40	34,972	3	1,146	157
33,058	5,466	229	1,333	270	.....	.....	25,760	108	95,006	19	24,490	1	300	158
55,764	4,572	1,710	6,181	4,500	30,056	2,200	6,545	185	145,655	18	24,470	.....	.....	159
3,621	484	124	193	900	.....	.....	1,920	41	18,140	6	6,060	.....	.....	160
17,609	425	800	3,957	3,550	.....	3,420	5,448	79	40,008	6	6,900	.....	.....	161
12,426	7,020	484	1,142	800	.....	105	2,875	65	40,688	16	14,130	3	988	162
63,106	28,334	325	1,554	1,528	.....	.....	31,365	546	257,004	94	65,218	14	5,566	163
235,060	145,184	9,437	5,281	7,441	200	1,247	66,270	5,092	3,409,760	944	725,604	5	2,150	164
407,069	24,166	8,531	35,767	68,162	.....	15,338	255,105	1,145	713,755	231	247,445	18	9,418	165
195,312	1,800	5,073	13,732	52,394	.....	11,849	110,464	691	305,900	18	30,870	.....	.....	166
12,872	5,285	8	550	400	.....	.....	6,629	76	30,376	10	6,670	.....	.....	167
104,168	14,775	3,783	5,944	2,650	.....	22,996	54,020	529	269,905	51	61,647	3	884	168
536,463	45,007	3,513	8,116	4,480	.....	2,560	472,787	701	412,273	181	190,440	30	13,146	169
119,946	19,383	1,802	2,128	22,455	.....	4,017	70,161	2,416	1,172,880	82	88,049	.....	.....	170
62,596	10,649	723	1,427	1,225	.....	5,800	42,772	279	131,436	59	66,369	3	988	171
311,923	14,022	28,950	8,542	79,583	.....	15,922	164,904	2,035	845,878	56	54,333	.....	.....	172
15,489	4,246	166	602	2,015	.....	.....	8,460	104	52,058	11	9,741	.....	.....	173
92,623	67,433	2,746	2,680	2,812	.....	154	17,298	595	343,219	109	107,903	18	7,704	174
10,115	4,526	.....	433	780	.....	.....	4,376	101	74,053	14	18,409	2	1,000	175
37,281	9,563	559	582	1,150	.....	125	25,302	203	80,878	35	22,276	.....	.....	176
7,993	1,404	960	1,994	1,550	.....	900	1,185	291	159,143	4	5,340	.....	.....	177
30,941	11,089	2,066	448	1,814	.....	900	14,624	1,037	781,027	124	103,614	.....	.....	178
9,204	3,989	.....	584	857	.....	200	3,574	126	68,202	8	8,012	1	546	179
66,087	13,498	2,607	6,147	8,535	.....	20,000	15,300	619	373,134	91	94,433	8	5,780	180
150,679	81,671	9,668	3,811	6,737	.....	992	47,800	2,975	1,949,865	510	472,456	5	2,596	181
21,721	3,944	1,052	918	500	.....	1,657	14,250	166	79,800	15	16,691	2	676	182
2,280,530	236,140	15,273	52,607	51,316	1,300	38,343	1,885,551	5,649	3,238,273	772	833,635	52	31,059	183
94,057	6,816	1,119	3,305	2,110	.....	6,500	74,207	179	104,522	29	27,164	4	1,736	184
3,709,581	172,715	30,357	35,277	45,236	.....	63,662	3,362,334	4,762	3,508,279	714	808,725	227	86,428	185
10,729	4,756	204	993	200	.....	.....	4,576	76	50,498	15	16,148	.....	.....	186
4,662	510	1,077	220	.....	.....	560	2,295	16	11,053	5	5,044	.....	.....	187
26,324	12,902	808	2,604	50	.....	2,000	7,960	201	125,410	21	19,708	1	312	188
20,040	9,586	338	696	965	.....	.....	8,455	238	130,128	35	43,411	.....	.....	189
97,993	39,339	4,276	3,028	7,073	.....	3,671	40,606	1,254	831,221	232	191,336	4	2,452	190
62,049	8,041	427	1,261	8,896	.....	8,390	34,134	77	36,408	5	5,050	.....	.....	191
66,548	36,314	2,309	1,942	373	100	204	24,806	677	406,352	149	105,702	3	1,200	192
17,220	5,205	125	715	525	.....	.....	10,650	141	85,940	6	12,010	.....	.....	193
2,925	1,095	460	242	160	.....	.....	968	59	28,470	11	8,584	.....	.....	194
69,170	390	1,400	2,955	725	.....	.....	63,700	1,036	637,707	44	33,837	5	1,716	195
19,358	6,408	753	735	100	.....	.....	11,362	128	80,850	12	12,978	.....	.....	196
3,119	2,401	19	84	15	.....	.....	600	40	21,989	12	5,275	.....	.....	197
64,195	3,000	1,500	2,243	518	.....	6,700	50,234	233	128,486	22	24,954	1	416	198
36,469	3,325	4,774	2,657	20,248	.....	500	4,965	697	440,272	28	34,364	.....	.....	199
425,262	45,780	1,645	6,609	3,325	170,240	2,160	195,503	1,544	626,647	100	106,562	4	2,509	200
19,643	7,432	435	2,015	1,905	.....	436	7,420	171	71,676	22	18,216	.....	.....	201
14,682	4,816	.....	1,016	950	.....	.....	7,900	51	31,964	7	6,676	.....	.....	202
687,533	49,247	14,366	26,695	126,700	60,581	48,669	361,275	4,145	1,639,505	120	156,108	7	4,906	203
7,628	1,450	355	714	1,380	.....	525	3,204	120	86,611	11	21,500	6	2,184	204
118,660	24,125	9,248	8,859	15,331	.....	4,950	56,147	779	540,540	140	182,660	8	4,002	205
88,420	21,010	2,852	879	2,845	.....	1,900	58,934	393	265,413	116	105,114	.....	.....	206
2,733	662	15	36	255	.....	.....	1,765	22	7,739	7	3,985	.....	.....	207
388,257	19,185	6,526	8,303	10,396	.....	8,550	335,297	610	341,145	98	107,065	5	2,088	208
10,403	2,888	83	737	1,180	.....	.....	5,515	243	80,990	12	15,626	2	1,000	209
13,781	6,000	2,051	1,580	1,350	.....	.....	2,800	261	190,224	19	35,550	.....	.....	210
20,226	7,631	1,091	3,072	5,725	.....	500	11,207	522	234,020	31	22,534	1	600	211

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES

PHILADELPHIA, PA.—Continued.

	MECHANICAL AND MANUFACTURING INDUSTRIES.	AVERAGE NUMBER OF EMPLOYÉS AND TOTAL WAGES—continued.									
		Operatives, skilled and unskilled.						Piceworkers.			
		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	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	181	$95,089	40	$11,729	3	$432	76	$49,378	30	$11,764
150	Millinery and lace goods. (See also Artificial feathers and flowers.)	42	20,674	334	106,947	7	1,060	6	3,600	172	48,034
151	Millinery, custom work	3	1,482	676	227,122	9	1,191	10	2,082	32	6,946
152	Mineral and soda waters. (See also Bottling.)	116	55,194	2	416	1	151	1	100		
153	Mirrors	12	8,304			2	520				
154	Models and patterns	156	101,126			9	1,387	3	1,362		
155	Monuments and tombstones. (See also Marble and stone work.)	351	243,978			1	208	11	4,305		
156	Mucilage and paste	28	13,312	2	500					4	1,000
157	Musical instruments and materials, not specified.	121	75,936	2	500	9	1,615	6	3,440		
158	Musical instruments, organs and materials	79	65,340	7	4,368	1	208	1	300		
159	Musical instruments, pianos and materials	67	45,545	1	100			99	75,540		
160	Needles and pins	14	7,698	7	2,052	2	440			4	800
161	Oil, linseed	73	33,108								
162	Oil, lubricating	46	25,570								
163	Optical goods	253	137,398	45	11,626	20	2,924	16	4,567	104	29,705
164	Painting and paper hanging	3,752	2,486,524	8	2,432	20	3,467	357	187,983	6	1,600
165	Paints. (See also Chemicals; Varnish.)	827	433,936	27	7,290	2	312	20	10,701	20	4,053
166	Paper. (See also Pulp, wood.)	426	226,723	143	32,083	2	312	102	15,912		
167	Paper goods, not elsewhere specified	34	15,432	27	6,610			2	728	3	936
168	Paper hangings	371	185,976	14	4,000	66	8,058	24	9,340		
169	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	223	133,934	153	40,793	9	1,405	17	8,422	85	23,683
170	Paving and paving materials	2,305	1,071,187					29	13,644		
171	Perfumery and cosmetics. (See also Druggists' preparations, not including prescriptions.)	57	26,612	86	20,659	1	208	9	1,250	61	14,550
172	Petroleum, refining	1,326	592,565	1	310	300	46,638	352	152,032		
173	Photographic materials	21	12,118	20	4,963	1	130	51	25,106		
174	Photography	284	158,957	121	44,784	9	1,256	37	15,975	17	6,640
175	Photolithographing and engraving. (See also Lithographing and engraving; Stereotyping and electrotyping.)	74	49,868	3	1,952	4	824	4	2,000		
176	Pickles, preserves, and sauces. (See also Fruits and vegetables, canning and preserving.)	95	42,654	73	15,948						
177	Pipes, tobacco	208	115,927	37	9,396			30	25,360	12	3,120
178	Plastering and stuccowork. (See also Masonry, brick and stone.)	874	659,618	4	1,740	2	281	33	15,774		
179	Plated and britannia ware. (See also Silverware.)	89	48,592	21	8,260	3	468	4	2,325		
180	Plumbers' supplies. (See also Brass castings and brass finishing.)	413	238,455	2	1,000	65	18,666	40	14,800		
181	Plumbing and gas fitting	2,388	1,453,488			23	4,997	48	16,172	1	156
182	Pocketbooks. (See also Leather goods.)	71	38,728	36	9,686	7	929	34	12,790	1	300
183	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	3,147	1,824,848	793	214,990	183	33,037	581	273,657	121	27,047
184	Printing and publishing, music. (See also Bookbinding and blank-book making.)	107	55,640	13	3,723	6	923	18	14,140	2	1,196
185	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	2,555	1,843,127	297	90,755	82	14,769	818	647,582	65	16,093
186	Printing materials	52	32,642	1	200	8	1,508				
187	Pumps, not including steam pumps	9	5,052					2	957		
188	Refrigerators	110	65,110					69	40,280		
189	Regalia and society banners and emblems. (See also Flags and banners.)	77	45,016	65	20,227	9	1,240	11	6,972	41	13,262
190	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	991	631,458			11	2,214	16	3,761		
191	Rubber and elastic goods	57	27,700			1	208	14	3,450		
192	Saddlery and harness	350	199,990	2	250	7	1,062	141	89,948	25	8,200
193	Safes and vaults	134	73,750			1	150				
194	Sausage. (See also Slaughtering.)	46	19,286	2	600						
195	Saws	573	402,466			102	12,065	266	175,232	38	9,237
196	Scales and balances	116	67,872								
197	Sewing machine repairing	28	16,714								
198	Sewing machines and attachments	148	77,180	2	936			60	25,000		
199	Shipbuilding	669	405,908								
200	Shirts. (See also Furnishing goods, men's.)	137	77,074	387	121,678	13	1,970	67	41,328	836	275,526
201	Shoddy	97	40,708	52	12,752						
202	Show cases	41	24,488			2	400	1	400		
203	Silk and silk goods	877	460,572	1,480	457,672	233	40,531	321	202,571	977	299,264
204	Silverware. (See also Plated and britannia ware.)	88	57,964			10	1,963	5	3,000		
205	Slaughtering and meat packing, wholesale. (See also Lard, refined; Sausage.)	622	348,856	4	1,392			5	3,630		
206	Slaughtering, wholesale, not including meat packing. (See also Lard, refined; Sausage.)	270	157,941			2	408	5	1,950		
207	Smelting and refining	15	3,754								
208	Soap and candles. (See also Grease and tallow.)	315	169,069	148	46,313	13	2,311	13	6,609	18	7,740
209	Sporting goods	46	27,616	47	8,460	43	8,788	28	13,400	65	6,100
210	Springs, steel, car and carriage	239	152,334					3	2,340		
211	Stamped ware. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	184	90,146	70	20,702	84	17,576	137	77,080	15	5,382

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—Continued.

Average number of employés and total wages—continued. Piceworkers—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.	
		$570,948	$476,531	$3,007	$120	$300	$90,990	$1,050,702	$998,447	$52,255	149
		407,826	397,533	780	760		8,753	863,940	860,762	3,178	150
		722,118	700,864	935			20,319	1,575,469	1,462,555	112,914	151
		133,809	96,856	1,566		105	35,282	333,575	300,673	32,902	152
		60,292	59,706	146	250	140	50	84,500	84,500		153
		36,297	30,783	392	2,202	170	2,750	227,539	216,689	10,850	154
		293,658	277,051	352	300	350	15,605	768,173	744,744	23,429	155
		116,336	114,618	755	168	40	755	204,960	204,960		156
		92,846	83,454	838	654	50	7,850	332,351	316,241	16,110	157
		53,963	51,535	1,078		25	1,325	214,565	211,615	2,950	158
		195,532	174,232	2,850	1,000	1,600	15,850	448,800	427,300	21,500	159
8	$1,090	8,414	6,790	374	200		1,050	39,803	36,953	2,850	160
		895,061	857,472	6,662		10	30,917	1,043,266	1,043,266		161
		127,759	122,340	1,254		180	3,985	254,300	249,500	4,800	162
		267,362	245,858	1,430	2,163	6,555	11,347	893,630	830,562	63,068	163
		2,168,627	2,088,725	3,039	85	600	76,178	6,922,738	6,323,749	598,989	164
		2,850,779	2,669,657	62,378	1,700	13,474	103,570	5,191,850	4,956,620	235,230	165
		1,109,190	991,183	94,165	3,000		20,842	1,807,377	1,799,377	8,000	166
		143,581	141,877	1,096	138		470	223,811	223,811		167
		913,193	895,127	9,917	500	1,852	5,797	1,562,246	1,562,246		168
3	450	878,280	561,037	5,119	3,186	700	307,338	2,801,605	2,796,005	5,600	169
		1,881,198	1,808,218	7,671		1,548	63,761	3,853,288	3,798,432	54,856	170
3	800	265,831	208,766	1,390	75	300	55,300	639,250	639,250		171
		6,922,520	4,830,259	199,038			1,893,223	8,646,982	6,938,301	1,708,681	172
		100,579	91,610	471	200	177	8,121	228,426	228,426		173
		232,534	214,556	1,561		250	16,167	900,136	894,911	5,225	174
		18,476	14,085	181	1,010		3,200	132,200	127,200	5,000	175
		235,709	163,162	1,995		15	70,537	407,594	397,084	10,510	176
		166,976	159,760	2,250		10	4,950	376,340	375,840	500	177
		438,270	428,445	525			9,300	1,465,015	1,275,964	189,051	178
		90,989	87,028	620	1,841		1,500	229,050	223,150	5,900	179
		468,476	435,620	9,971	345	2,025	20,515	1,100,031	1,086,731	13,300	180
		2,458,975	2,348,102	6,739	300	1,000	102,834	5,701,478	4,972,496	728,982	181
		113,988	112,329	1,359		200	100	250,524	250,524		182
		3,131,117	2,847,279	27,980	30,849	350	224,659	11,347,340	11,286,637	60,703	183
		126,519	122,707	1,012	1,175		1,625	427,496	427,496		184
4	800	2,909,989	2,635,522	35,918	7,446		231,103	13,397,217	13,289,717	107,500	185
		74,385	73,303	420	412		250	157,252	102,713	54,539	186
		31,995	23,920	65			8,010	63,025	41,320	21,705	187
		158,263	153,775	1,463	200	125	2,700	391,740	390,040	1,700	188
		177,754	171,528	281	120		5,825	446,349	442,049	4,300	189
		1,100,260	1,042,203	5,828	1,534	90	50,605	2,376,784	2,082,752	294,032	190
		218,187	197,752	9,785		1,500	9,150	337,033	334,285	2,748	191
		523,962	499,566	1,807		75	22,514	1,245,191	1,098,929	146,262	192
		134,870	96,518	1,307	240	790	36,015	273,000	245,500	27,500	193
		70,364	65,952	1,172		20	3,220	128,842	122,842	6,000	194
8	3,154	925,447	613,037	25,140		20	287,250	1,978,700	1,964,700	14,000	195
		63,755	61,020	810	150		1,775	210,414	201,989	8,425	196
		16,653	16,465	11	162		15	46,139	42,464	3,675	197
		111,400	102,438	2,182	1,030		5,750	356,972	320,333	36,639	198
		425,573	379,405	8,192		25	37,951	942,428	766,322	176,106	199
		1,339,963	1,280,516	5,161	411	500	53,375	2,741,075	2,721,825	19,250	200
		642,214	599,974	9,618	1,300		31,322	853,285	638,678	214,607	201
		31,740	30,375	365			1,000	98,500	97,500	1,000	202
130	17,821	3,536,922	3,320,681	17,076	6,973		192,192	8,059,604	7,831,330	228,274	203
		145,158	141,768	715	375		2,300	272,977	272,477	500	204
		7,493,249	6,968,701	35,604			488,944	9,146,513	8,550,500	596,013	205
		6,181,217	6,162,497	1,892	7,180		9,648	6,947,985	6,160,194	787,791	206
		11,067	10,067	1,100		500		22,333	21,833	500	207
		1,496,052	1,395,113	24,371	900	3,331	72,337	2,788,746	2,786,605	2,141	208
		201,075	186,930	795			13,350	342,699	342,199	500	209
		654,408	638,921	12,412	1,700	1,375		1,065,368	1,062,668	2,700	210
		284,318	257,094	5,830	1,144	8,800	11,450	670,890	666,840	4,050	211

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
212	Stationery goods, not elsewhere specified	21	$321,000	$1,041,945	.....	.....	$253,650	$162,146	$193,288	$432,861
213	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	12	50,418	621,809	$94,000	$113,000	110,520	67,825	73,976	162,488
214	Steam packing	12	53,105	119,332	200	500	31,664	13,078	10,257	63,633
215	Stencils and brands	12	20,343	107,265	16,000	13,000	37,550	6,320	24,945	9,450
216	Stereotyping and electrotyping. (See also Type founding.)	7	62,905	174,210	.....	.....	110,015	9,187	11,346	43,662
217	Sugar and molasses, refining	8	1,095,000	7,112,655	865,000	540,000	2,520,184	672,143	757,574	1,757,754
218	Surgical appliances. (See also Artificial limbs.)	13	99,702	343,720	11,000	14,500	91,115	56,883	67,022	103,200
219	Taxidermy	9	11,780	18,250	4,600	7,650	285	240	2,950	2,525
220	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	343	848,180	2,530,220	336,628	348,900	341,735	271,578	404,276	827,103
221	Tobacco, chewing, smoking, and snuff	5	2,280	812,845	76,000	132,608	64,295	176,650	128,293	234,999
222	Tobacco, cigars and cigarettes	642	1,425,800	4,159,496	220,650	272,220	139,587	1,263,899	851,954	1,411,186
223	Tobacco, stemming and rehandling	3	14,133	163,000	.....	.....	6,500	25,200	30,300	101,000
224	Tools, not elsewhere specified. (See also Cutlery and edge-tools; Hardware.)	36	140,653	1,128,488	86,000	129,999	274,663	154,577	202,534	280,715
225	Toys and games	18	53,305	192,449	13,250	17,450	71,555	16,365	31,070	42,759
226	Trunks and valises. (See also Leather goods.)	23	263,307	271,275	2,000	8,000	25,210	30,065	114,540	91,460
227	Type founding. (See also Stereotyping and electrotyping.)	5	110,243	1,035,000	36,500	28,500	338,500	32,900	342,100	256,500
228	Typewriters and supplies	3	22,857	130,479	.....	.....	75,200	3,279	25,000	27,000
229	Umbrellas and canes	63	852,353	2,846,102	50,250	44,450	201,819	637,172	477,046	1,435,365
230	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	17	110,359	899,131	53,967	95,702	96,450	145,905	158,698	348,409
231	Varnish. (See also Paints.)	9	56,388	418,414	37,200	44,800	66,075	45,845	55,362	169,132
232	Vinegar and cider	12	33,347	150,908	10,450	8,980	49,335	12,226	19,035	50,882
233	Washing machines and clothes wringers	7	9,790	20,300	7,700	2,800	1,575	2,040	3,050	3,135
234	Watch cases	6	36,738	1,529,074	60,000	115,000	360,066	66,322	675,169	252,517
235	Watch, clock, and jewelry repairing. (See also Jewelry.)	306	490,210	782,018	139,100	141,000	129,845	88,997	155,735	127,341
236	Whips	7	29,280	61,164	.....	.....	11,024	12,942	11,993	25,205
237	Window shades	34	135,867	376,590	46,000	39,000	42,830	56,160	67,380	125,520
238	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	20	59,463	410,606	86,000	55,000	86,420	23,400	63,990	95,796
239	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	46	93,127	355,783	55,739	60,104	96,955	41,900	25,575	75,510
240	Woodenware, not elsewhere specified	9	12,140	209,472	60,300	40,500	32,175	28,147	28,075	20,275
241	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	115	1,763,275	14,269,836	719,932	1,784,641	3,871,369	2,297,450	2,611,011	2,985,433
242	Worsted goods. (See also Woolen goods.)	32	1,580,200	12,064,296	464,500	1,222,684	3,099,469	2,027,734	2,347,593	2,902,226
243	All other industries (a)	87	716,500	12,013,148	1,463,200	1,725,456	2,514,303	1,171,134	2,248,596	2,890,459

PITTSBURG, PA.

1	All industries	1,420	8,192,655	108,368,838	17,575,302	14,038,695	27,107,372	11,443,370	13,888,098	24,810,001
2	Awnings, tents, and sails	4	14,260	10,258	.....	.....	750	4,250	180	5,078
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	70	90,820	179,082	61,035	39,075	20,435	9,234	2,931	46,372
4	Bookbinding and blank-book making. (See also Printing and publishing.)	6	48,250	60,494	.....	.....	34,890	9,712	8,833	7,059
5	Boot and shoe uppers	4	33,000	46,640	.....	.....	6,515	8,475	18,150	13,500
6	Boots and shoes, custom work and repairing	11	40,040	9,315	1,000	1,700	3,030	862	1,173	1,550
7	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	3	32,500	42,834	.....	.....	18,346	5,187	1,063	18,238
8	Brass castings and brass finishing. (See also Bronze castings.)	8	42,120	622,577	130,037	67,750	121,897	54,000	68,950	179,943
9	Bread and other bakery products	110	281,850	642,043	166,800	225,250	77,285	54,643	15,484	102,581
10	Brick and tile. (See also Clay and pottery products.)	32	289,760	1,187,777	264,618	181,158	249,731	29,217	128,373	334,680
11	Bridges	4	2,500	2,099,248	277,986	582,350	476,916	194,166	250,776	517,354
12	Brooms and brushes	6	50,350	73,291	.....	.....	3,550	18,373	15,445	35,923
13	Carpentering	46	88,850	501,460	23,250	22,500	29,250	49,323	116,558	260,579
14	Carpets, rag	11	8,000	8,795	2,480	5,000	465	450	209	191
15	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	87	146,850	463,127	99,850	57,100	39,367	62,959	64,962	138,889
16	Chemicals. (See also Paints; Varnish.)	3	23,500	321,350	25,000	30,000	74,250	41,500	37,100	113,500
17	Clay and pottery products. (See also Brick and tile.)	3	5,900	339,727	39,000	99,000	54,800	4,595	48,352	93,480
18	Clothing, men's, custom work and repairing	116	859,960	1,143,207	99,000	79,250	33,744	475,559	65,120	390,534
19	Clothing, men's, factory product	7	139,700	555,200	20,000	24,000	11,900	87,150	196,300	215,850
20	Clothing, women's, dressmaking	11	53,060	13,596	.....	.....	2,175	4,050	1,200	6,171

a Embraces ammunition, 2; axle grease, 1; bellows, 1; belting and hose, linen, 2; bicycles and tricycles, 2; brass, 2; bronze castings, 2; calcium lights, 2; carpets, wood, 1; cars, steam railroad, not including operations of railroad companies, 2; chocolate and cocoa products, 2; clocks, 1; crucibles, 2; drug grinding, 1; dye stuffs and extracts, 1; emery wheels, 1; enameled goods, 1; felt goods, 2; firearms, 2; fire extinguishers, chemical, 1; fireworks, 2; flags and banners, 2; foundry supplies, 2; fruit jar trimmings, 2; furs, dressed, 1; gas, illuminating and heating, 2; gas stoves, 1; glue, 2; graphite, 1; grindstones, 1; hand knit goods, 2; hooks and eyes, 1; iron and steel, doors and shutters, 1; iron and steel, pipe, wrought, 2; lapidary work, 2; lard, refined, 1; lead, bar, pipe, and sheet,

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—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.	
$110,794	$33,721	$1,201	$4,820	$16,301	.....	$280	$54,471	807	$393,969	54	$84,360	12	$5,620	212
18,349	5,420	2,835	1,093	3,500	.....	759	4,742	365	229,599	37	45,687	2	800	213
26,183	5,576	15	554	320	.....	561	19,157	124	65,806	14	14,680	.....	.....	214
8,469	2,136	580	137	450	.....	1,136	4,036	55	35,537	16	13,560	1	468	215
32,022	6,605	.....	1,176	2,450	.....	323	21,468	170	124,612	18	23,044	.....	.....	216
584,892	76,722	28,279	43,807	37,757	.....	48,834	349,493	1,521	753,386	59	57,572	4	1,664	217
26,636	10,240	985	1,886	3,900	.....	1,500	8,125	210	132,101	48	46,793	2	800	218
1,646	1,176	202	24	25	.....	.....	219	12	4,702	7	2,094	.....	.....	219
188,185	89,059	10,204	7,659	10,748	.....	8,226	62,289	2,124	1,281,904	359	292,278	6	2,002	220
154,520	230	131,006	2,261	8,853	.....	.....	12,170	186	103,621	34	38,557	2	400	221
968,786	149,708	612,787	19,397	2,872	.....	10,276	173,746	5,767	2,699,938	635	402,529	15	5,258	222
2,725	1,484	29	862	100	.....	.....	250	26	13,624	5	4,108	.....	.....	223
70,391	14,417	2,493	5,287	10,547	.....	8,141	29,506	735	417,683	52	46,164	1	408	224
15,202	5,349	366	1,417	975	.....	2,000	5,095	192	73,696	29	23,206	1	624	225
41,276	26,160	131	1,629	156	.....	15	13,185	318	155,697	36	26,454	1	520	226
37,272	11,300	330	5,645	1,100	.....	747	18,150	382	275,261	35	57,116	2	832	227
3,615	2,400	.....	400	500	.....	.....	315	55	36,600	4	5,100	.....	.....	228
625,390	91,628	1,409	32,676	3,997	$51,245	5,100	439,335	2,406	1,005,177	149	138,393	32	14,612	229
46,347	10,760	2,297	4,903	5,763	.....	6,679	15,945	627	278,101	51	57,202	.....	.....	230
29,034	5,075	758	2,524	950	.....	.....	19,727	75	77,747	25	41,603	1	520	231
12,442	3,168	267	622	2,125	.....	145	6,115	58	36,480	19	16,070	.....	.....	232
1,923	1,038	178	50	25	.....	.....	632	19	9,690	9	4,482	.....	.....	233
146,964	3,582	1,666	1,894	41,350	.....	20,621	77,851	1,234	498,326	41	49,113	13	5,150	234
72,895	51,472	2,748	2,224	737	.....	380	15,334	640	404,839	285	198,135	1	600	235
6,717	2,928	7	452	300	350	.....	2,680	59	26,022	7	5,540	.....	.....	236
29,019	14,266	29	2,519	65	.....	.....	13,040	206	115,445	42	36,668	.....	.....	237
15,995	6,095	1,501	1,842	1,050	.....	.....	5,507	243	135,843	37	39,582	1	624	238
21,495	10,244	1,149	2,353	1,132	.....	795	5,822	399	222,417	51	41,252	.....	.....	239
9,900	1,305	1,015	1,595	1,725	.....	2,550	1,710	98	57,058	9	6,832	.....	.....	240
904,403	150,332	31,113	69,187	128,444	.....	215,924	309,403	10,583	3,976,497	258	269,197	36	10,904	241
823,516	108,471	21,502	49,290	164,328	.....	155,086	324,839	7,904	2,795,312	104	135,394	3	936	242
1,205,227	70,172	454,974	69,862	113,302	.....	143,743	353,174	4,727	2,369,499	324	397,706	9	6,586	243

PITTSBURG, PA.

7,561,199	729,868	1,639,349	361,251	1,640,964	164,767	670,618	2,354,382	56,438	33,898,152	3,284	3,926,982	191	81,084	1
1,475	1,355	48	67	5	.....	.....	.....	16	9,468	5	4,260	.....	.....	2
14,995	9,990	3,010	585	636	.....	390	384	220	168,379	74	65,319	.....	.....	3
8,481	4,584	128	399	1,500	1,000	225	645	107	52,224	12	10,876	.....	.....	4
4,435	2,965	77	416	55	.....	22	900	74	28,178	5	5,424	1	416	5
4,255	4,004	153	65	27	.....	.....	6	39	17,836	8	5,232	.....	.....	6
5,480	2,925	187	168	600	.....	.....	1,600	95	24,749	4	3,275	.....	.....	7
51,401	3,791	4,584	3,112	27,989	.....	.....	11,925	273	194,790	32	52,800	1	300	8
58,622	26,776	10,946	3,216	2,374	.....	1,241	14,069	501	256,047	128	97,321	27	8,396	9
108,002	30,330	10,590	3,245	24,288	.....	5,677	33,872	995	498,616	76	79,213	2	1,120	10
115,400	250	11,699	1,287	32,934	.....	16,182	53,048	989	583,526	92	117,963	1	600	11
7,839	5,538	278	564	207	.....	89	1,213	80	49,769	18	17,880	.....	.....	12
158,109	9,774	1,592	2,082	1,541	134,807	1,575	5,838	714	550,157	68	76,838	1	420	13
977	720	157	48	2	.....	.....	50	14	5,144	9	3,726	.....	.....	14
33,882	15,419	4,993	4,310	3,068	.....	2,652	3,440	450	286,919	71	63,864	.....	.....	15
10,817	2,350	1,565	1,025	3,277	.....	.....	2,600	62	43,972	11	16,790	1	480	16
14,811	648	373	1,246	4,584	.....	2,469	5,491	193	109,743	11	17,539	.....	.....	17
109,208	79,084	5,824	4,678	1,844	5,936	887	10,955	1,085	634,167	144	160,860	5	1,635	18
34,564	9,779	2,100	2,573	400	4,000	1,550	14,162	510	189,834	25	32,852	.....	.....	19
6,194	5,046	124	84	60	.....	.....	880	98	37,605	1	675	13	7,718	20

2; liquors, distilled, 2; oil, illuminating, not including petroleum, refining, 1; oil, lard, 1; oil, resin, 1; oilcloth, floor, 1; oleomargarine, 1; pens, steel, 1; printing, tip, 2; pulp, wood, 1; registers, car fare, 1; rules, ivory and wood, 1; sand and emery paper and cloth, 1; screws, machine, 2; screws, wood, 1; silversmithing, 2; soda water apparatus, 2; straw goods, not elsewhere specified, 1; timber products, not manufactured at mill, 1; vault lights and ventilators, 1; watch and clock materials, 1; watches, 1; wheelbarrows, 1; windmills, 1; wire, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PHILADELPHIA, PA.—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.
212	Stationery goods, not elsewhere specified	367	$178,360	190	$49,263	70	$13,143	67	$48,795	47	$14,428
213	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	248	130,812					78	52,300		
214	Steam packing	90	45,308	13	3,590	2	408	5	1,820		
215	Stencils and brands	33	19,080			3	429	2	2,000		
216	Stereotyping and electrotyping. (See also Type founding.)	113	77,659			16	3,481	23	20,428		
217	Sugar and molasses, refining	1,458	694,150								
218	Surgical appliances. (See also Artificial limbs.)	80	61,772	58	18,174	13	2,300	5	1,828	4	434
219	Taxidermy	5	1,708								
220	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	1,588	925,570	48	9,737	39	6,607	83	45,242	1	408
221	Tobacco, chewing, smoking, and snuff	65	30,414	23	6,350					62	27,900
222	Tobacco, cigars and cigarettes	1,071	524,196	183	55,591	50	7,643	2,779	1,341,521	1,027	361,560
223	Tobacco, stemming and rehandling	21	9,516								
224	Tools, not elsewhere specified. (See also Cutlery and edge tools; Hardware.)	313	177,070	26	9,672	8	1,606	334	182,453		
225	Toys and games	72	27,296	18	3,566	50	6,454	7	5,700	7	5,250
226	Trunks and valises. (See also Leather goods.)	150	75,349	2	572	8	1,138	121	51,664		
227	Type founding. (See also Stereotyping and electrotyping.)	127	85,335			14	2,100	185	126,875	2	250
228	Typewriters and supplies	48	30,000	3	1,500						
229	Umbrellas and canes	888	424,995	543	177,058	61	13,416	81	42,454	652	194,240
230	Upholstery materials. (See also Carpets and rugs, other than rag; Woolen goods; Worsted goods.)	197	91,187	85	22,509	4	306	149	75,691	141	31,200
231	Varnish. (See also Paints.)	48	35,494			1	130				
232	Vinegar and cider	39	20,410								
233	Washing machines and clothes wringers	9	5,104			1	104				
234	Watch cases	456	249,629	217	63,734	10	1,500	302	89,200	195	40,000
235	Watch, clock, and jewelry repairing. (See also Jewelry.)	304	188,273	7	2,748	21	3,408	22	11,675		
236	Whips	26	9,934	2	728			24	9,820		
237	Window shades	134	69,250	10	3,466	6	1,060	9	4,141	5	800
238	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	139	68,877	13	4,144	4	754	16	10,800	27	10,502
239	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	316	165,704			11	1,393	19	13,444	2	624
240	Woodenware, not elsewhere specified	76	41,174	1	416			12	8,636		
241	Woolen goods. (See also Carpets and rugs, other than rag; Felt goods; Gloves and mittens; Hosiery and knit goods.)	4,763	2,106,207	2,946	853,308	802	111,372	692	301,473	1,047	316,805
242	Worsted goods	2,780	1,246,109	3,587	979,691	721	111,715	247	149,985	462	171,482
243	All other industries	2,973	1,457,869	208	48,526	156	23,923	917	400,473	140	34,416

PITTSBURG, PA.—Continued.

1	All industries	42,654	25,375,548	2,034	535,240	1,784	347,315	4,772	3,169,249	1,371	375,736
2	Awnings, tents, and sails	7	4,124	4	1,084						
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	146	103,060								
4	Bookbinding and blank-book making. (See also Printing and publishing.)	49	29,628	36	9,120					10	2,600
5	Boot and shoe uppers	23	10,958	10	3,190					35	8,190
6	Boots and shoes, custom work and repairing	13	5,329	2	500			13	6,100	3	675
7	Boxes, fancy and paper. (See also Fancy articles, not elsewhere specified.)	14	7,614	37	6,960	10	1,500	10	1,560	20	3,840
8	Brass castings and brass finishing. (See also Bronze castings.)	229	136,290					11	5,400		
9	Bread and other bakery products	266	131,892	53	12,141	6	1,433	1	704	20	4,160
10	Brick and tile. (See also Clay and pottery products.)	760	371,253	1	416	98	22,936	58	23,678		
11	Bridges	768	404,800			20	2,363	105	57,000		
12	Brooms and brushes	13	6,288	1	312	12	2,311	33	22,382	3	596
13	Carpentering	644	472,599			1	300				
14	Carpets, rag							5	1,418		
15	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	357	208,030			1	260	21	14,765		
16	Chemicals. (See also Paints; Varnish.)	47	25,842	2	600	1	260				
17	Clay and pottery products. (See also Brick and tile.)	180	91,704			2	500				
18	Clothing, men's, custom work and repairing	134	87,928	38	11,336	13	2,946	490	290,694	249	77,968
19	Clothing, men's, factory product	79	44,462	128	38,320					238	66,200
20	Clothing, women's, dressmaking			69	24,532					15	4,680

BY SPECIFIED INDUSTRIES: 1890—Continued.

PHILADELPHIA, PA.—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.	
		$1,923,053	$1,908,248	$6,276	$1,724	$2,750	$4,055	$2,560,948	$2,537,392	$23,556	212
		383,950	362,954	9,542	540	500	10,414	823,944	813,003	10,941	213
		117,690	112,443	2,345	1,462	220	1,220	291,346	289,043	2,303	214
		24,669	24,275	172			222	86,806	86,006	800	215
		49,139	40,732	1,657	2,121		4,629	258,569	258,569		216
		41,835,565	41,141,841	426,516		6,977	260,231	46,598,524	46,598,524		217
		151,600	138,643	1,947	200	3,900	6,910	390,850	390,650	200	218
		3,610	3,510				100	12,960	9,860	3,100	219
		1,865,441	1,740,353	11,766	906	4,035	108,381	4,081,888	3,508,366	573,522	220
		296,355	222,037	4,308			70,010	779,992	779,992		221
7	$1,640	3,426,006	3,082,657	4,525		5	338,819	8,268,222	8,263,324	4,898	222
		48,456	45,896	60			2,500	83,434	83,434		223
1	250	579,002	483,506	23,554	1,219	28,253	43,070	1,248,895	1,209,709	39,186	224
8	1,600	76,193	69,016	818	100	1,354	4,905	230,876	230,176	700	225
		266,371	258,097	864	200		7,210	546,967	529,052	11,915	226
17	2,750	128,630	120,344	4,311		125	3,850	666,558	629,808	36,750	227
		16,850	16,100		750			121,500	119,000	2,500	228
		3,391,188	3,343,361	11,749	1,440	545	34,093	5,742,901	5,722,397	20,504	229
		696,526	683,644	9,811	1,290	2,300	99,391	1,362,461	1,362,461		230
		454,012	421,231	3,323	120	1,000	28,338	751,979	751,979		231
		114,280	109,551	1,409		190	3,070	219,722	219,022	700	232
		23,289	22,232	22			1,035	43,321	38,161	5,160	233
		1,155,123	1,024,623	5,445	700	40,000	84,355	1,914,222	1,913,472	750	234
		167,945	156,962	1,232	119		9,632	827,490	530,666	296,824	235
		53,509	52,349	450	400		310	114,500	114,500		236
		402,317	390,072	426	15	25	11,779	690,894	679,794	11,100	237
6	500	130,158	127,593	1,770	520		275	412,294	410,994	1,300	238
		117,308	98,944	4,141	3,965	1,591	8,667	453,621	409,706	43,915	239
		98,442	96,862		430	550	600	185,750	183,750	2,000	240
39	7,231	14,191,203	13,137,730	167,309	39,320		846,844	21,919,781	11,892,190	10,027,591	241
		9,398,645	8,698,656	142,951	5,070		551,968	14,737,413	6,262,954	8,474,459	242
		7,117,868	5,877,041	277,329	3,600	78,697	881,201	12,569,087	12,330,504	238,583	243

PITTSBURG, PA.—Continued.

348	86,398	69,892,195	62,507,433	3,048,018	15,164	274,917	4,046,663	126,859,657	123,708,726	3,150,931	1
		16,310	16,300	10				33,450	33,450		2
		58,368	51,003	4,422	120	400	1,523	293,026	226,465	66,561	3
		27,581	27,005	221	120	20	215	105,871	105,371	500	4
		40,105	40,030				75	87,360	87,360		5
		15,121	14,256	130			735	44,041	37,113	6,928	6
		35,933	32,733	1,200			2,000	76,000	76,000		7
		465,936	454,565	6,193		920	4,258	805,610	795,610	10,000	8
		652,409	616,002	15,086		50	21,271	1,142,921	1,142,921		9
		298,566		108,043			190,523	1,066,824	1,024,924	41,900	10
3	800	1,618,066	1,538,964	20,563		24,839	33,700	2,479,998	2,462,633	17,365	11
		89,574	84,785	62	240		4,487	175,174	174,549	625	12
		857,411	845,177	1,144	1,600	395	9,095	1,872,832	1,767,441	105,391	13
		5,022	4,969	46			7	12,627	12,087	540	14
		166,326	151,477	4,939			9,910	569,702	310,914	258,788	15
		81,760	68,723	2,200		2,041	8,796	233,875	233,875		16
		42,601	18,374	22,360		125	1,742	218,771	168,521	50,250	17
3	800	691,654	682,443	1,915	350		6,946	1,677,531	1,671,036	6,495	18
40	8,000	419,040	397,860	230	950		20,000	786,500	566,500	220,000	19
		91,832	91,646	186				163,365	154,215	9,150	20

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PITTSBURG, PA.—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.
21	Coffee and spice, roasting and grinding	8	$101,230	$711,600	$48,000	$23,000	$75,850	$265,500	$118,000	$181,250
22	Coke	6	5,200	616,832	371,500	45,000	185,332	.....	.....	15,000
23	Confectionery	14	282,570	503,049	108,000	127,000	51,956	60,600	52,335	103,158
24	Cooperage	17	43,300	178,523	39,300	25,450	6,330	56,141	18,457	32,845
25	Dentistry, mechanical	16	100,950	37,147	6,500	11,000	9,525	595	720	8,807
26	Dyeing and cleaning	3	40,000	20,030	11,000	4,000	3,500	555	100	1,475
27	Engraving and diesinking	3	3,000	2,400	.....	.....	400	.....	.....	2,000
28	Flouring and grist mill products	3	3,000	537,500	120,000	78,000	87,000	26,500	31,000	195,000
29	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	75	577,400	10,167,288	1,862,437	1,370,305	2,702,769	521,928	1,081,290	2,688,559
30	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	11	43,250	56,655	.....	4,000	3,340	17,050	18,450	13,815
31	Furniture, factory product. (See also Furniture, chairs.)	5	43,400	98,650	7,000	3,500	16,442	27,197	19,876	24,644
32	Galvanizing	3	14,000	56,987	.....	23,200	8,600	8,886	1,300	15,001
33	Gas, illuminating and heating	3	221,990	2,758,166	537,800	678,627	1,293,201	10,451	325	237,762
34	Glass	34	396,000	7,439,619	2,282,077	1,417,522	822,665	332,173	1,044,137	1,541,045
35	Glass, cutting, staining, and ornamenting	5	26,400	57,626	.....	.....	10,000	9,750	10,600	27,276
36	Hairwork	4	21,800	6,085	.....	.....	645	1,035	3,810	595
37	Hand stamps	3	14,800	16,876	.....	.....	6,620	1,941	700	7,615
38	Hats and caps, not including wool hats. (See also Fur goods.)	3	29,720	11,550	.....	.....	4,100	2,300	3,450	1,700
39	Iron and steel	33	11,000	48,266,434	6,849,950	5,155,200	14,814,034	5,918,991	6,450,287	9,077,972
40	Iron and steel, bolts, nuts, washers, and rivets	4	.....	332,344	53,000	27,600	87,400	24,255	36,946	103,143
41	Iron and steel, nails and spikes, cut and wrought, including wire nails.	4	57,140	1,601,499	380,000	124,000	337,482	82,104	300,237	377,676
42	Iron and steel, pipe, wrought	3	62,500	3,767,038	586,981	339,700	867,001	373,708	788,456	811,192
43	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	6	32,540	315,296	16,100	31,157	103,333	22,765	49,139	92,802
44	Liquors, malt	13	20,000	2,927,720	358,000	953,300	741,642	126,428	355,018	393,332
45	Lithographing and engraving. (See also Photolithographing and engraving; Printing and publishing.)	4	44,110	113,345	2,100	15,500	61,320	4,100	3,350	26,975
46	Looking-glass and picture frames	13	78,180	132,435	2,000	2,000	3,810	46,730	31,600	46,295
47	Lumber and other mill products from logs or bolts.	3	97,000	195,758	7,604	21,450	28,800	29,560	46,375	61,969
48	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	15	89,730	1,348,496	288,644	146,680	147,717	328,127	118,966	318,353
49	Marble and stone work. (See also Monuments and tombstones.)	9	26,700	105,274	4,700	7,450	22,970	18,800	16,850	34,504
50	Masonry, brick and stone. (See also Plastering and stuccowork.)	28	67,250	577,677	50,000	13,200	70,040	45,010	83,005	316,422
51	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	5	14,000	119,999	29,000	37,000	5,450	14,638	5,069	28,842
52	Millinery, custom work	27	227,000	113,793	10,000	6,000	8,750	65,185	13,630	10,228
53	Mineral and soda waters	5	20,840	106,064	20,000	5,200	58,000	7,575	2,145	13,144
54	Models and patterns	8	19,860	37,594	.....	.....	16,125	735	3,595	17,139
55	Monuments and tombstones. (See also Marble and stone work.)	6	9,360	102,150	36,750	21,200	5,900	8,300	18,100	11,900
56	Oil, lubricating	4	25,500	46,200	.....	1,200	3,700	10,460	8,000	22,900
57	Painting and paper hanging	38	92,140	220,321	35,600	26,265	10,022	21,800	20,040	106,594
58	Paints. (See also Chemicals; Varnish.)	3	22,500	428,445	80,500	61,500	53,445	53,000	84,000	96,000
59	Patent medicines and compounds	9	50,120	333,237	60,000	20,000	16,665	34,540	21,357	180,675
60	Petroleum, refining	4	17,860	1,465,409	147,919	111,602	338,560	46,987	177,993	642,348
61	Photography	23	173,400	92,956	.....	.....	38,140	6,577	7,674	40,565
62	Pickles, preserves, and sauces	3	100,000	399,000	.....	5,000	32,000	89,000	176,900	96,100
63	Plastering and stuccowork. (See also Masonry, brick and stone.)	5	2,200	19,862	3,500	2,000	1,970	852	40	11,500
64	Plumbing and gas fitting	27	127,000	136,407	16,000	12,250	10,765	25,592	23,711	48,089
65	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	59	659,200	1,425,921	128,100	160,890	615,570	182,730	86,490	252,141
66	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	38	343,725	1,558,057	207,000	198,350	596,359	66,445	5,230	394,673
67	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	17	53,800	81,541	11,100	9,600	16,096	16,170	5,875	22,700
68	Saddlery and harness	34	135,700	232,952	25,900	26,800	20,740	13,869	64,602	81,041
69	Slaughtering and meat packing, wholesale	4	155,000	321,500	10,000	35,000	19,000	16,500	47,000	194,000
70	Soap and candles	6	24,700	146,128	23,000	11,000	18,300	11,366	22,016	60,446
71	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	4	63,800	185,184	.....	.....	48,902	8,967	39,925	87,390
72	Steam packing	3	11,170	29,865	.....	.....	5,444	2,556	8,057	13,808
73	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	53	211,950	437,451	64,250	63,700	85,270	52,724	42,119	129,388
74	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	74	231,450	386,302	70,375	34,890	35,647	92,254	73,482	79,654
75	Tools, not elsewhere specified	3	33,330	157,097	17,559	12,500	36,685	9,370	38,167	42,816
76	Trunks and valises	5	13,400	13,192	3,000	2,500	375	1,825	3,325	2,167
77	Watch, clock, and jewelry repairing. (See also Jewelry.)	9	23,560	27,655	1,000	500	4,875	4,460	2,020	14,800

BY SPECIFIED INDUSTRIES: 1890—Continued.

PITTSBURG, PA.—Continued.

MISCELLANEOUS 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.	
$31,967	$8,136	$3,504	$3,164	$1,953	.....	$12,000	$3,210	118	$73,444	21	$23,342	.....	.....	21
37,703	650	4,797	641	443	.....	6,100	25,072	158	75,706	3	1,938	.....	.....	22
29,383	21,193	2,263	1,259	1,692	.....	.....	2,976	270	141,941	42	44,002	5	$2,194	23
11,048	4,112	2,018	1,153	1,430	.....	95	2,240	221	139,460	16	15,266	.....	.....	24
9,789	8,076	116	117	425	.....	230	825	29	27,478	21	22,540	.....	.....	25
5,409	3,600	610	146	875	.....	.....	238	34	21,525	6	4,861	4	1,710	26
407	330	8	3	18	.....	.....	48	3	3,236	3	3,236	.....	.....	27
10,343	323	3,098	3,204	2,400	.....	.....	1,228	94	78,950	18	23,500	1	450	28
527,706	60,628	70,691	37,044	64,507	.....	48,185	246,651	5,623	3,382,175	273	366,106	1	400	29
6,134	4,122	321	466	320	.....	72	833	65	39,866	11	9,922	.....	.....	30
13,948	4,770	689	1,228	2,195	.....	356	4,710	95	66,203	12	12,130	1	416	31
8,608	1,400	1,287	110	1,253	.....	226	4,332	50	35,200	6	10,000	2	1,000	32
39,019	17,759	15,449	48	4,238	.....	500	1,025	94	68,893	11	17,380	1	364	33
320,934	23,750	44,876	46,420	63,488	.....	34,160	108,740	6,798	3,504,340	156	207,927	.....	.....	34
9,540	2,111	262	293	195	.....	290	6,389	79	56,354	11	13,220	.....	.....	35
2,489	1,965	66	33	57	.....	.....	368	8	2,980	2	900	1	520	36
2,690	1,330	81	79	250	.....	.....	950	26	16,384	8	8,080	1	360	37
3,356	2,675	108	69	380	.....	.....	124	27	13,529	4	3,867	1	500	38
2,337,318	1,450	170,104	38,618	1,184,640	.....	373,204	569,302	20,656	13,170,887	389	672,558	10	7,794	39
8,709	.....	2,294	1,106	2,531	.....	250	2,528	127	76,734	15	20,250	.....	.....	40
50,841	4,000	7,848	4,420	15,768	.....	15,936	2,869	783	466,257	15	26,578	.....	.....	41
79,886	4,376	21,342	2,163	15,000	.....	31,879	5,126	1,979	1,073,805	40	75,714	.....	.....	42
18,782	2,929	629	1,314	2,459	.....	4,635	6,816	238	156,895	17	22,359	.....	.....	43
807,702	1,800	348,739	6,810	47,609	.....	2,400	400,344	442	345,572	46	72,652	.....	.....	44
8,126	3,970	1,044	884	360	.....	885	983	86	58,510	10	11,900	.....	.....	45
9,424	7,036	459	1,149	129	.....	318	333	80	55,374	17	16,106	.....	.....	46
19,357	5,200	4,580	1,527	1,450	$1,800	4,800	.....	114	54,850	7	7,300	.....	.....	47
53,005	9,870	10,656	13,803	6,514	.....	3,644	8,518	664	485,900	55	58,934	.....	.....	48
5,078	2,938	607	168	615	.....	640	110	161	98,658	12	12,230	.....	.....	49
49,651	7,397	1,716	1,901	6,136	2,570	80	29,851	699	514,729	54	57,908	2	900	50
4,229	1,400	1,055	574	310	.....	.....	890	58	31,616	12	10,638	.....	.....	51
29,924	20,420	661	981	155	.....	10	7,697	169	71,532	11	10,550	41	20,024	52
7,736	2,084	1,419	463	3,075	.....	.....	695	53	26,258	15	10,414	.....	.....	53
2,553	1,986	64	219	10	.....	150	124	58	42,338	11	11,488	.....	.....	54
4,302	1,030	1,136	286	765	.....	150	935	59	39,089	7	7,064	.....	.....	55
4,365	2,550	485	280	200	.....	650	200	24	20,284	16	15,668	.....	.....	56
15,190	8,293	1,115	659	1,576	.....	1,500	2,047	322	252,864	48	51,050	.....	.....	57
59,347	3,240	2,450	3,729	4,032	.....	8,500	37,396	118	78,486	23	31,114	.....	.....	58
244,710	4,096	3,541	80,314	1,610	.....	30	155,119	129	85,261	27	40,387	.....	.....	59
51,460	1,786	5,007	1,045	12,781	.....	5,701	25,140	208	111,726	23	32,220	2	880	60
23,254	13,874	463	455	917	.....	.....	7,545	105	71,513	28	28,672	11	4,092	61
24,330	10,000	4,380	4,250	2,700	.....	3,000	.....	703	247,940	77	77,520	1	720	62
1,646	240	51	39	.....	.....	20	1,296	43	40,797	4	8,635	.....	.....	63
15,119	11,411	1,085	543	675	.....	25	1,380	173	113,315	33	33,205	.....	.....	64
138,324	52,736	7,283	8,563	16,811	3,700	6,433	42,798	963	606,693	135	142,900	7	2,072	65
354,939	27,498	8,977	8,428	14,817	.....	3,022	292,197	978	860,165	176	190,454	11	4,229	66
8,663	5,922	1,360	501	545	.....	150	185	88	55,223	18	15,350	.....	.....	67
17,996	12,214	1,653	917	665	.....	36	2,511	153	90,073	36	28,594	2	520	68
37,261	15,500	3,600	2,201	325	.....	8,135	7,500	79	54,612	18	21,600	.....	.....	69
4,770	2,470	777	618	465	.....	180	260	56	34,014	21	19,428	.....	.....	70
17,107	5,743	1,419	895	4,333	.....	900	3,817	118	71,894	20	19,778	.....	.....	71
7,438	1,005	186	116	250	.....	360	5,521	23	13,164	6	6,580	2	780	72
30,071	19,157	4,444	1,625	1,872	1,108	290	1,575	302	208,759	77	63,622	4	1,200	73
267,103	18,516	243,179	1,609	636	.....	2,344	819	843	325,384	64	43,203	2	1,020	74
8,131	3,000	1,379	942	784	.....	.....	2,026	123	66,524	9	11,750	.....	.....	75
2,044	1,204	248	100	93	.....	.....	399	21	10,010	4	2,748	.....	.....	76
2,715	1,885	101	115	350	.....	.....	264	23	17,070	7	7,210	.....	.....	77

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PITTSBURG, PA.—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.
21	Coffee and spice, roasting and grinding	42	$28,530	55	$21,572						
22	Coke	98	45,295					57	$28,473		
23	Confectionery	124	71,378	87	22,086	12	$2,281				
24	Cooperage	49	28,891					152	94,203		
25	Dentistry, mechanical	8	4,038								
26	Dyeing and cleaning	16	12,500	7	2,246	1	208				
27	Engraving and diesinking										
28	Flouring and grist mill products	75	55,200								
29	Foundry and machine shop products. (See also Ironwork, architectural and ornamental; Steam fittings and heating apparatus.)	4,930	2,751,808	4	650	19	3,684	381	255,585	7	$2,200
30	Furniture, cabinetmaking, repairing and upholstering. (See also Mattresses and spring beds.)	40	25,050	12	3,294			2	1,600		
31	Furniture, factory product. (See also Furniture, chairs.)	66	44,059	5	1,716			11	7,282		
32	Galvanizing	42	24,200								
33	Gas, illuminating and heating	82	51,149								
34	Glass	2,963	1,382,061	253	44,128	911	170,089	2,287	1,634,770	84	26,124
35	Glass, cutting, staining, and ornamenting	61	41,392	6	1,508	1	234				
36	Hairwork			5	1,560						
37	Hand stamps	16	7,806			1	138				
38	Hats and caps, not including wool hats. (See also Fur goods.)	7	5,250	5	1,230	3	338	2	1,250	5	1,694
39	Iron and steel	19,973	12,437,069	1	416	283	52,450				
40	Iron and steel, bolts, nuts, washers, and rivets	79	40,546			15	3,540	14	11,469		
41	Iron and steel, nails and spikes, cut and wrought, including wire nails.	714	415,429	14	5,300	20	2,750	20	16,200		
42	Iron and steel, pipe, wrought	1,850	971,204			77	18,688	12	8,199		
43	Ironwork, architectural and ornamental. (See also Foundry and machine shop products.)	220	134,036	1	500						
44	Liquors, malt	379	262,678					17	10,242		
45	Lithographing and engraving. (See also Photolithographing and engraving; Printing and publishing.)	72	45,598	2	572	1	200	1	240		
46	Looking-glass and picture frames	61	38,954			2	314				
47	Lumber and other mill products from logs or bolts.	87	41,800					20	5,750		
48	Lumber, planing mill products, including sash, doors, and blinds. (See also Boxes, wooden packing; Wood, turned and carved.)	572	407,634	1	700	2	156	29	17,726		
49	Marble and stone work. (See also Monuments and tombstones.)	143	82,545	2	508			4	3,375		
50	Masonry, brick and stone. (See also Plastering and stuccowork.)	640	453,521					3	2,400		
51	Mattresses and spring beds. (See also Furniture; Wirework, including wire rope and cable.)	26	12,504	4	1,274			8	4,935	8	2,265
52	Millinery, custom work	7	3,996	100	34,830					10	2,132
53	Mineral and soda waters	37	15,480			1	364				
54	Models and patterns	44	30,234	3	616						
55	Monuments and tombstones. (See also Marble and stone work.)	49	30,675	2	1,100	1	250				
56	Oil, lubricating	7	4,316	1	300						
57	Painting and paper hanging	257	194,927	6	2,506	9	2,175	2	2,206		
58	Paints. (See also Chemicals; Varnish.)	95	47,372								
59	Patent medicines and compounds	64	32,217	13	4,657					25	8,000
60	Petroleum, refining	181	78,089	1	312			1	225		
61	Photography	45	28,967	17	6,498	1	260	2	2,712	1	312
62	Pickles, preserves, and sauces	257	107,600	86	16,900			9	4,200	273	41,600
63	Plastering and stuccowork. (See also Masonry, brick and stone.)	39	37,162								
64	Plumbing and gas fitting	137	79,471			3	630				
65	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	635	407,369	143	44,320	27	4,357	16	5,585		
66	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	461	351,212	22	11,374	7	1,164	292	293,111	9	8,621
67	Roofing and roofing materials. (See also Tinsmithing, coppersmithing, and sheet-iron working.)	69	39,473	1	400						
68	Saddlery and harness	88	44,343			1	156	26	16,460		
69	Slaughtering and meat packing, wholesale	59	32,820	2	192						
70	Soap and candles	28	13,159	6	1,232			1	200		
71	Steam fittings and heating apparatus. (See also Foundry and machine shop products.)	98	52,116								
72	Steam packing	10	4,858			5	946				
73	Tinsmithing, coppersmithing, and sheet-iron working. (See also Roofing and roofing materials; Stamped ware.)	213	142,580	1	260	7	1,097				
74	Tobacco, cigars and cigarettes. (See also Tobacco, chewing, smoking, and snuff.)	108	49,846	75	20,625	7	1,300	284	114,256	175	63,184
75	Tools, not elsewhere specified	28	14,495					86	40,279		
76	Trunks and valises	9	3,750					8	3,512		
77	Watch, clock, and jewelry repairing. (See also Jewelry.)	16	9,860								

BY SPECIFIED INDUSTRIES: 1890—Continued.

PITTSBURG, PA.—Continued.

Average number of employés and total wages—continued. Piecoworkers—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.	
		$3,946,848	$3,908,733	$6,615	$200	$260	$31,040	$4,223,622	$4,216,372	$7,250	21
		218,322	215,439				2,883	372,474	372,199	275	22
		337,842	324,532	3,480	160		9,670	624,116	608,078	16,038	23
4	$1,100	274,607	273,832	206			569	468,351	460,790	7,561	24
		8,951	8,251	700				57,748	56,434	1,314	25
		4,136	3,110	926			100	38,533	33,033	5,500	26
								5,183	5,183		27
		1,454,124	1,439,936	4,656		100	9,432	1,639,340	1,597,340	42,000	28
8	1,742	4,930,726	4,436,887	157,963	180	101,075	234,621	10,706,616	10,540,015	166,601	29
		62,753	60,688	165	350	300	1,250	142,739	141,339	1,400	30
		123,273	118,474	984	210	2,705	900	240,647	240,647		31
		68,488	61,414	1,462		612	5,000	127,977	72,477	55,500	32
		57,991	53,417	2,074			2,500	376,389	349,541	26,848	33
144	38,650	1,910,064	999,855	326,983			583,226	6,176,076	6,176,076		34
		34,969	32,409	465			2,095	128,447	128,197	250	35
		1,985	1,965	20				8,690	8,690		36
		5,500	5,150	65	120		165	34,250	33,950	300	37
		4,160	3,800	210	50	100		24,400	9,750	14,650	38
		29,096,574	25,533,195	1,954,194			1,609,185	49,718,729	48,618,908	1,099,821	39
4	929	310,741	289,996	15,150		596	4,999	427,911	427,811	100	40
		1,899,363	1,828,555	24,461		6,928	39,419	2,560,094	2,560,094		41
		4,121,382	3,808,445	131,179		87,967	93,791	5,992,395	5,941,624	50,771	42
		360,968	342,268	2,321		285	16,094	627,223	624,423	2,800	43
		672,928	608,024	30,725		4,483	29,696	2,290,923	2,286,733	4,190	44
		30,915	26,715	825		375	3,000	119,830	119,830		45
		86,183	85,728	325			130	179,730	179,730		46
		215,260	214,040			1,220		354,500	352,800	1,700	47
5	750	1,160,753	1,114,885	10,065	600	12,427	22,776	1,947,078	1,907,078	40,000	48
		72,612	70,582	1,230			800	192,027	192,027		49
		737,858	692,688	1,470		300	43,400	1,514,682	1,510,141	4,541	50
		63,940	63,040	460	100		400	107,750	107,250	500	51
		165,617	164,115	152			1,350	325,166	324,036	1,130	52
		30,042	10,501	599			18,942	75,304	75,304		53
		15,668	13,526	83	1,212	785	62	76,135	75,635	500	54
		32,552	31,680	202		140	530	89,178	89,178		55
		102,782	99,112	670			3,000	151,691	151,691		56
		98,403	93,512	342			4,549	445,778	443,180	2,598	57
		338,916	292,591	4,437		1,220	40,668	551,625	551,625		58
		315,255	255,718	1,643		2,500	55,394	792,938	792,938		59
		1,225,852	870,473	41,030			314,349	1,562,715	1,295,872	266,843	60
		40,701	39,722	229			750	192,085	192,085		61
		515,357	358,800	4,832			151,725	1,210,500	1,210,500		62
		19,037	18,937	30			70	68,900	55,500	13,400	63
		92,718	84,501	681		150	7,386	279,380	219,899	59,481	64
		544,380	449,428	6,923	4,502		83,527	1,589,174	1,511,694	77,480	65
		431,764	378,045	9,211	466		44,042	2,028,448	2,020,475	7,973	66
		66,281	63,555	851		50	1,825	146,708	136,154	10,554	67
		115,883	113,437	426			2,020	274,643	249,770	24,873	68
		1,149,965	1,146,165	3,800				1,341,900	1,341,900		69
		147,406	145,888	1,205			313	224,449	224,449		70
		185,698	180,536	1,940		2,817	405	349,970	329,970	20,000	71
		29,620	28,811	140	420		249	59,164	59,164		72
		184,822	176,269	2,057			6,496	502,567	476,922	25,645	73
128	31,950	248,264	207,266	959	600		39,439	1,043,393	1,030,982	12,411	74
		100,949	91,568	1,924		7,437	20	187,149	187,149		75
		8,370	8,338	32				26,519	25,019	1,500	76
		13,125	12,985	40	100			40,300	26,000	14,300	77

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PITTSBURG, PA.—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.
78	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	4	$6,910	$4,772	.....	.....	$2,025	$810	$125	$1,812
79	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	4	9,420	29,362	$6,500	$500	7,095	4,999	3,841	6,427
80	All other industries (a)	93	508,340	8,429,833	1,335,500	1,311,265	1,162,377	1,096,199	1,157,132	2,367,360

PORTLAND, ME.

1	All industries	662	1,661,270	6,887,557	386,610	560,638	1,494,200	1,055,285	1,216,381	2,174,443
2	Awnings, tents, and sails	10	13,150	12,750	.....	.....	1,445	2,090	3,705	5,510
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	37	46,000	51,890	333	7,167	13,065	4,055	6,440	20,830
4	Bookbinding and blank-book making. (See also Printing and publishing.)	6	12,720	41,625	.....	.....	14,600	5,350	12,650	9,025
5	Boots and shoes, custom work and repairing	40	27,640	9,642	500	775	3,828	1,218	415	2,906
6	Boots and shoes, factory product	8	86,400	372,373	5,000	13,000	50,389	49,462	71,125	183,397
7	Bread and other bakery products	17	55,300	169,590	6,224	9,176	27,265	54,525	16,540	55,860
8	Brick and tile. (See also Clay and pottery products.)	3	2,600	5,070	.....	1,600	1,900	.....	950	620
9	Carpentering	52	42,150	270,000	11,600	31,000	26,090	24,310	48,385	128,615
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	7	36,190	45,890	.....	.....	6,000	7,150	22,110	10,630
11	Chemicals. (See also Fertilizers; Paints.)	3	11,000	19,000	.....	.....	4,000	2,500	7,500	5,000
12	Clay and pottery products. (See also Brick and tile.)	4	3,900	333,152	56,500	33,100	46,600	40,020	92,772	64,160
13	Clothing, men's, custom work and repairing	21	50,000	88,404	.....	.....	3,960	52,965	1,415	30,064
14	Clothing, men's, factory product	5	47,800	195,973	1,700	1,000	1,150	33,275	68,392	99,456
15	Clothing, women's, dressmaking	28	42,500	22,522	.....	.....	3,120	7,080	3,597	8,725
16	Coffins and burial cases, trimming and finishing	4	13,500	17,945	.....	.....	345	7,000	5,600	5,000
17	Confectionery	9	23,810	61,756	11,750	9,000	5,800	11,022	8,800	14,784
18	Cooperage	7	72,050	243,169	.....	50	18,050	71,719	53,725	99,625
19	Cutlery and edge tools. (See also Files; Hardware.)	4	6,580	1,430	.....	300	1,075	50	5	.....
20	Dentistry, mechanical	11	8,270	4,450	.....	.....	1,925	1,375	.....	1,150
21	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	35	49,800	57,155	.....	.....	21,090	7,935	18,250	9,880
22	Dyeing and cleaning	3	2,000	8,660	1,800	2,000	2,600	125	425	810
23	Fish, canning and preserving. (See also Food preparations.)	5	9,120	12,350	.....	2,000	3,150	800	800	5,600
24	Flouring and grist mill products	3	27,270	64,000	6,000	9,000	22,000	11,000	2,500	13,500
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	12	23,550	986,861	103,702	106,020	316,088	76,868	110,228	273,955
26	Furniture, cabinetmaking, repairing and upholstering.	11	15,170	44,897	1,666	1,667	2,900	15,200	7,781	15,683
27	Furniture, factory product	5	34,660	137,700	2,000	6,800	28,250	28,000	26,000	47,150
28	Leather, tanned and curried	3	1,500	158,553	6,500	10,500	10,700	16,685	102,732	11,436
29	Lock and gun smithing	3	3,190	2,560	.....	.....	1,625	285	125	525
30	Looking-glass and picture frames	5	8,000	7,625	.....	.....	725	4,000	1,500	1,400
31	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.)	7	36,330	150,950	10,500	22,700	39,400	21,300	26,280	30,770
32	Marble and stone work. (See also Monuments and tombstones.)	6	7,600	17,755	200	525	1,785	2,095	5,000	8,150
33	Masonry, brick and stone. (See also Plastering and stuccowork.)	13	7,770	31,560	475	1,075	3,450	610	1,050	24,900
34	Millinery, custom work	16	64,560	34,970	.....	.....	115	19,205	7,630	8,020
35	Models and patterns	4	3,000	4,200	.....	.....	1,975	375	.....	1,850
36	Monuments and tombstones. (See also Marble and stone work.)	3	4,550	15,775	.....	4,100	350	3,875	4,150	3,300
37	Oil, lubricating	4	14,070	36,800	4,000	6,000	5,800	11,100	9,000	50,900
38	Painting and paper hanging	34	28,150	61,653	300	800	4,548	23,059	5,858	27,088
39	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	3	1,000	36,165	5,000	3,000	1,850	3,040	8,675	14,600
40	Photography	8	25,530	14,730	.....	.....	7,530	1,525	1,325	4,350
41	Plastering and stuccowork. (See also Masonry, brick and stone.)	5	8,140	13,550	.....	.....	1,200	1,600	950	9,800
42	Plumbing and gas fitting	16	30,300	95,625	8,000	2,000	6,748	26,859	14,700	37,318
43	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	16	42,890	91,083	.....	.....	68,800	3,055	2,863	16,365
44	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	13	102,160	194,798	.....	.....	85,113	4,725	10,800	94,360

a Embraces agricultural implements, 1; artificial limbs, 2; axle grease, 1; babbitt metal and solder, 1; bags, paper, 1; baking and yeast powders, 1; baskets and rattan and willow ware, 1; bellows, 1; bells, 1; boots and shoes, factory product, 1; boxes, cigar, 1; boxes, wooden packing, 1; brass and copper, rolled, 1; bronze castings, 1; calcium lights, 1; carriage and wagon materials, 2; cars and general shop construction and repairs by steam railroad companies, 1, cheese and butter, urban dairy product, 2; clothing, women's, factory product, 2; cordage and twine, 1; cork, cutting, 2; crucibles, 1; electroplating, 1; engraving, wood, 2; fancy articles, not elsewhere specified, 1; files, 2; flavoring extracts, 1; food preparations, 1; foundry supplies, 1; fur goods, 2; furniture, chairs, 2; gas and lamp fixtures, 1; hosiery and knit goods, 1; ink, writing, 1; instruments, professional and scientific, 1; iron and steel, forgings, 2; japanning, 1; jewelry, 2; kaolin and other earth grinding, 1;

BY SPECIFIED INDUSTRIES; 1890—Continued.

PITTSBURG, PA.—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.	
$1,264	$691	$38	$10	$450	.....	.....	$75	16	$6,901	5	$3,180	.....	.....	78
2,409	942	632	795	.....	.....	.....	40	60	42,296	8	5,031	.....	.....	79
905,440	45,751	562,971	40,479	35,041	$9,846	$55,238	156,114	4,034	2,155,393	250	306,031	26	$8,454	80

PORTLAND, ME.

585,149	165,035	48,519	42,661	36,596	28,250	33,615	180,473	6,260	3,160,132	327	710,510	95	35,729	1
1,655	1,381	37	133	.....	.....	.....	104	29	17,704	9	5,364	.....	.....	2
6,924	5,050	242	428	583	.....	56	565	111	66,957	43	33,794	.....	.....	3
1,898	1,145	204	165	250	.....	.....	134	64	28,802	4	4,300	.....	.....	4
3,094	2,902	16	23	25	.....	5	123	60	28,725	28	13,122	1	200	5
24,312	7,775	1,992	2,280	2,075	.....	600	9,590	741	345,838	26	28,843	3	1,320	6
26,019	5,806	864	1,469	2,230	.....	8,000	7,650	181	76,207	39	27,341	23	6,092	7
926	325	62	14	125	.....	.....	400	22	6,479	3	2,500	.....	.....	8
25,559	4,426	1,368	1,250	2,054	.....	2,215	14,246	391	235,562	69	61,139	3	1,000	9
5,494	3,800	539	685	202	.....	48	160	70	45,604	13	11,070	.....	.....	10
1,740	1,100	80	160	50	.....	.....	350	18	11,820	7	6,900	.....	.....	11
22,567	302	1,140	1,085	5,600	.....	1,000	13,440	143	63,990	10	9,014	1	300	12
9,930	5,241	425	452	.....	850	630	2,332	176	78,891	21	20,107	.....	.....	13
34,767	4,302	1,268	1,152	20	27,400	.....	625	74	28,473	11	7,380	.....	.....	14
5,092	4,462	200	123	6	.....	.....	301	161	46,995	7	3,861	28	12,588	15
1,963	1,350	294	230	45	.....	.....	44	10	7,960	5	4,560	.....	.....	16
4,257	2,143	519	282	200	.....	186	927	75	30,712	11	9,777	3	1,352	17
16,917	7,565	1,607	3,557	1,450	.....	416	2,322	87	65,451	12	23,224	1	700	18
774	675	13	8	.....	.....	.....	78	5	3,275	4	2,875	.....	.....	19
1,013	786	1	14	50	.....	.....	162	14	8,222	12	7,182	.....	.....	20
6,986	4,482	678	589	292	.....	55	890	73	29,719	30	19,401	.....	.....	21
772	200	125	77	255	.....	.....	115	17	6,580	3	1,830	.....	.....	22
3,142	981	129	130	275	.....	150	1,477	43	13,017	3	1,500	.....	.....	23
8,080	3,000	580	500	2,000	.....	1,500	500	16	9,442	6	5,030	.....	.....	24
43,441	2,590	4,903	2,190	27,575	.....	3,333	2,850	404	220,825	28	33,425	2	508	25
3,786	1,631	380	574	205	.....	40	956	58	29,858	7	3,800	1	300	26
5,727	3,640	485	801	450	.....	51	300	107	66,383	11	12,203	.....	.....	27
10,330	150	1,333	1,182	2,100	.....	3,600	1,965	88	43,304	5	5,500	.....	.....	28
521	335	26	23	20	.....	.....	117	4	2,995	3	2,400	.....	.....	29
1,137	815	58	61	18	.....	.....	185	12	6,269	5	3,224	.....	.....	30
8,642	3,815	559	1,387	980	.....	300	1,601	91	53,658	13	11,650	.....	.....	31
2,726	835	453	40	115	.....	.....	1,283	36	24,443	9	7,150	.....	.....	32
3,052	855	63	586	163	.....	.....	1,385	300	158,998	13	13,004	.....	.....	33
7,879	6,617	328	350	.....	.....	40	544	58	15,682	4	2,120	14	5,607	34
438	360	.....	33	45	.....	.....	.....	7	4,550	4	3,080	.....	.....	35
697	500	120	62	15	.....	.....	.....	10	6,318	3	2,600	.....	.....	36
4,734	1,512	550	437	200	.....	835	1,200	22	12,128	10	6,360	.....	.....	37
6,737	2,956	141	521	146	.....	55	2,912	136	73,496	30	18,535	.....	.....	38
1,299	100	408	189	150	.....	120	332	12	5,124	4	2,476	.....	.....	39
3,468	2,425	136	177	10	.....	300	420	28	14,945	7	5,600	4	1,574	40
2,220	875	24	29	20	.....	.....	1,272	57	35,625	9	9,225	.....	.....	41
8,240	3,332	667	265	350	.....	174	3,452	116	74,152	25	26,501	.....	.....	42
11,125	3,646	360	631	400	.....	457	5,631	97	47,168	18	14,892	1	150	43
39,217	8,173	1,774	1,178	425	.....	987	26,680	237	135,532	35	35,507	1	260	44

lamps and reflectors, 1; lead, bar, pipe, and sheet, 1; leather, tanned and curried, 2; lightning rods, 1; liquors, distilled, 1; lock and gun smithing, 1; malt, 2; mantels, slate, marble, and marbleized, 2; millinery and lace goods, 1; oil, lard, 1; optical goods, 2; paving and paving materials, 2; photolithographing and engraving, 2; plated and britannia ware, 1; printing materials, 1; regalia and society banners and emblems, 2; safes and vaults, 1; saws, 1; shipbuilding, 1; shirts, 2; show cases, 1; smelting and refining, 1; springs, steel, car and carriage, 1; stamped ware, 1; stencils and brands, 1; stereotyping and electrotyping, 1; surgical appliances, 1; tobacco, chewing, smoking, and snuff, 1; umbrellas and canes, 1; varnish, 1; washing machines and clothes wringers, 1; watch and clock materials, 1; wheelbarrows, 1; whips, 1; wire, 1.

TABLE 3.—MANUFACTURES IN 165 PRINCIPAL CITIES,

PITTSBURG, PA.—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.
78	Wirework, including wire rope and cable. (See also Mattresses and spring beds.)	9	$3,221			2	$500				
79	Wood, turned and carved. (See also Lumber, planing mill products, including sash, doors, and blinds.)	51	37,232			1	33				
80	All other industries	2,389	1,412,082	710	$171,347	200	44,204	269	$159,103	181	$51,895

PORTLAND, ME.—Continued.

1	All industries	3,643	1,819,313	613	153,320	17	1,981	561	279,769	504	159,510
2	Awnings, tents, and sails	19	11,840	1	500						
3	Blacksmithing and wheelwrighting. (See also Carriages and wagons, including custom work and repairing.)	68	33,163								
4	Bookbinding and blank-book making. (See also Printing and publishing.)	32	17,432	22	6,170					6	990
5	Boots and shoes, custom work and repairing	20	9,503					11	5,900		
6	Boots and shoes, factory product	135	58,664	98	30,694	1	138	268	147,877	210	78,302
7	Bread and other bakery products	76	38,024	42	4,600	1	150				
8	Brick and tile. (See also Clay and pottery products.)	19	3,979								
9	Carpentering	315	171,573					4	1,850		
10	Carriages and wagons, including custom work and repairing. (See also Blacksmithing and wheelwrighting.)	57	34,534								
11	Chemicals. (See also Fertilizers; Paints.)	10	4,660	1	260						
12	Clay and pottery products. (See also Brick and tile.)	130	53,396					2	1,280		
13	Clothing, men's, custom work and repairing	25	15,273	19	6,277			2	1,020	109	36,214
14	Clothing, men's, factory product	13	8,683	6	2,627			5	3,943	39	5,840
15	Clothing, women's, dressmaking			123	30,000					3	540
16	Coffins and burial cases, trimming and finishing	5	3,400								
17	Confectionery	25	11,654	16	2,638	2	400	7	3,170	11	1,721
18	Cooperage	38	24,189					36	17,338		
19	Cutlery and edge tools. (See also Files; Hardware.)	1	400								
20	Dentistry, mechanical	2	1,040								
21	Druggists' preparations, not including prescriptions. (See also Patent medicines and compounds; Perfumery and cosmetics.)	35	8,931	7	1,312	1	75				
22	Dyeing and cleaning	7	3,200	7	1,550						
23	Fish, canning and preserving. (See also Food preparations.)	24	8,370	13	1,827			3	1,320		
24	Flouring and grist mill products	10	4,412								
25	Foundry and machine shop products. (See also Ironwork, architectural and ornamental.)	374	186,892								
26	Furniture, cabinetmaking, repairing and upholstering.	48	25,258	2	500						
27	Furniture, factory product	90	50,540					6	3,640		
28	Leather, tanned and curried	77	36,251					6	1,553		
29	Lock and gun smithing	1	595								
30	Looking-glass and picture frames	6	2,745	1	300						
31	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.)	77	41,946			1	62				
32	Marble and stone work. (See also Monuments and tombstones.)	27	17,293								
33	Masonry, brick and stone. (See also Plastering and stucco work.)	287	145,994								
34	Millinery, custom work			37	7,886	3	69				
35	Models and patterns	3	1,470								
36	Monuments and tombstones. (See also Marble and stone work.)	6	3,543					1	175		
37	Oil, lubricating	10	5,040	2	728						
38	Painting and paper hanging	100	50,961					6	3,600		
39	Patent medicines and compounds. (See also Druggists' preparations, not including prescriptions.)	4	1,816	4	832						
40	Photography	8	5,320	9	2,451						
41	Plastering and stucco work. (See also Masonry, brick and stone.)	46	25,900					2	500		
42	Plumbing and gas fitting	91	47,651								
43	Printing and publishing, book and job. (See also Bookbinding and blank-book making.)	65	28,166	12	3,360			1	600		
44	Printing and publishing, newspapers and periodicals. (See also Bookbinding and blank-book making.)	120	59,682	26	9,718	2	306	24	10,265	20	10,794

BY SPECIFIED INDUSTRIES: 1890—Continued.

PITTSBURG, PA.—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.										
.....	.....	$5,259	$5,032	$137	$90	.....	.....	$15,767	$13,767	$2,000	78
.....	.....	25,980	24,650	1,240	90	.....	.....	78,600	78,600	.....	79
9	$1,677	5,693,698	5,379,007	93,934	2,334	$11,295	$207,128	9,855,563	9,589,723	265,840	80

PORTLAND, ME.—Continued.

.....	.....	6,286,438	5,495,913	131,775	13,534	10,340	634,876	11,371,487	9,647,440	1,724,047	1
.....	.....	29,011	28,685	96	.....	.....	230	54,709	18,000	36,709	2
.....	.....	30,547	27,835	1,972	75	.....	665	117,883	37,485	80,398	3
.....	.....	26,203	25,993	200	.....	.....	10	67,420	61,700	5,720	4
.....	.....	14,460	13,590	250	.....	.....	620	49,257	5,730	43,527	5
.....	.....	594,157	493,788	1,955	2,285	.....	96,129	1,049,280	1,007,280	42,000	6
.....	.....	279,877	144,013	6,688	.....	.....	129,176	422,099	422,099	.....	7
.....	.....	2,907	2,837	.....	.....	.....	70	10,345	10,345	.....	8
.....	.....	246,230	237,885	1,605	350	500	5,890	589,871	412,300	177,571	9
.....	.....	25,286	23,039	1,722	400	50	75	97,232	73,623	23,609	10
.....	.....	24,100	23,950	150	.....	.....	.....	47,000	47,000	.....	11
.....	.....	75,554	48,325	26,929	.....	300	.....	243,714	243,714	.....	12
.....	.....	73,300	69,970	409	.....	70	2,851	176,325	5,600	170,725	13
.....	.....	249,060	248,214	506	40	.....	300	359,400	311,000	48,400	14
.....	.....	24,121	20,705	305	.....	.....	3,111	81,760	38,580	43,180	15
.....	.....	17,120	17,000	120	.....	.....	.....	32,300	32,300	.....	16
.....	.....	79,321	75,052	844	.....	30	3,395	135,611	135,611	.....	17
.....	.....	270,754	269,251	503	.....	1,000	.....	373,026	363,024	10,002	18
.....	.....	250	.....	50	.....	50	150	4,351	.....	4,351	19
.....	.....	4,187	3,925	122	.....	.....	140	13,597	11,275	2,322	20
.....	.....	44,211	38,285	487	.....	.....	5,439	111,200	111,200	.....	21
.....	.....	3,750	2,905	750	.....	.....	95	12,000	.....	12,000	22
.....	.....	61,815	52,362	1,923	.....	.....	7,530	80,943	80,943	.....	23
.....	.....	234,950	228,450	1,400	.....	100	5,000	257,470	248,670	8,800	24
.....	.....	255,009	238,164	10,281	1,664	650	4,250	513,168	477,997	35,171	25
.....	.....	79,504	78,969	123	412	.....	.....	135,567	119,840	15,727	26
.....	.....	120,100	113,300	3,025	200	3,575	.....	230,000	190,000	40,000	27
.....	.....	308,741	307,519	1,222	.....	.....	.....	404,990	381,620	23,370	28
.....	.....	679	513	66	.....	.....	100	4,295	.....	4,295	29
.....	.....	9,588	9,438	.....	.....	.....	150	18,587	3,550	15,037	30
.....	.....	68,934	68,284	125	300	200	25	141,335	91,000	50,335	31
.....	.....	9,877	9,400	35	.....	.....	442	47,016	30,500	16,516	32
.....	.....	113,150	113,075	.....	.....	.....	75	310,942	267,650	43,292	33
.....	.....	53,551	53,300	251	.....	.....	.....	85,182	19,500	65,682	34
.....	.....	872	465	.....	332	.....	75	6,355	2,767	3,588	35
.....	.....	5,067	4,975	72	.....	.....	20	14,350	13,250	1,100	36
.....	.....	102,105	101,650	355	.....	100	.....	136,910	136,910	.....	37
.....	.....	80,592	79,980	192	.....	.....	420	176,850	102,544	74,306	38
.....	.....	29,140	22,852	116	.....	.....	6,172	45,900	45,900	.....	39
.....	.....	7,661	7,324	337	.....	.....	.....	32,279	17,495	14,784	40
.....	.....	10,655	9,843	72	.....	.....	740	52,058	22,065	29,993	41
.....	.....	139,312	137,205	574	180	.....	1,353	240,892	110,042	130,850	42
.....	.....	29,509	26,607	472	1,194	.....	1,236	103,290	103,140	150	43
.....	.....	58,135	53,900	1,140	1,850	.....	1,245	296,808	296,808	.....	44