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EXHIBIT

OF THE

TOTAL MANUFACTURES

OF THE

UNITED STATES,

FOR

THE YEAR ENDING JUNE 1, 1860.

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MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
1	Agricultural implements—Miscellaneous.....	1,046	\$5,201,016	\$2,508,192	7,098	2	\$2,334,172	\$7,953,055
2	Fanning mills.....	47	109,525	53,087	177		59,500	197,672
3	Grain cradles and scythe snaths.....	47	141,482	77,788	219		71,646	218,687
4	Grain drills.....	10	78,800	40,862	112		44,448	153,725
5	Handles, plough and other.....	83	221,530	97,748	319	1	111,336	315,872
6	Hoes.....	5	117,500	86,835	163		59,220	224,175
7	Mowing and reaping machines.....	73	2,039,000	1,096,116	2,421		863,884	3,516,120
8	Ploughs, harrows, and cultivators.....	423	1,894,334	962,177	2,297		840,262	2,855,248
9	Rakes.....	83	105,585	35,933	219		57,936	138,118
10	Straw cutters.....	2	34,000	33,650	45		10,200	71,500
11	Threshers, horse-powers, and separators.....	163	1,534,467	643,781	1,740	1	627,945	1,953,748
12	Alcohol.....	22	897,000	3,567,062	208		82,068	4,168,360
13	Ammunition.....	5	117,500	75,010	101	18	40,308	160,900
14	Anchors and chains.....	17	127,300	73,982	116		46,668	165,075
15	Anvils and vices.....	2	20,000	11,916	26		11,640	38,300
16	Aquariums.....	1	2,000	3,600	3		1,200	5,500
17	Arrow-root.....	1	1,000	200	6	4	1,008	1,376
18	Artificial eyes.....	1	4,000	590	2		1,800	6,000
19	Artificial limbs.....	5	35,000	10,050	35	4	23,544	53,000
20	Artist's materials.....	8	14,500	11,966	38	5	15,500	44,800
21	Ashes, pot and pearl.....	212	199,590	254,729	418	5	106,960	535,530
22	Asphaltum work.....	1	700	4,090	4		3,600	10,000
23	Automaton pressmen.....	1	1,700	1,700	3		1,200	6,000
24	Awnings and tents.....	17	30,300	48,351	63	31	30,732	113,900
25	Axles.....	10	142,950	140,137	136		50,004	226,509
26	Bagging.....	34	505,250	803,800	661	126	141,636	1,109,628
27	Bags.....	19	82,600	607,785	72	40	43,968	749,578
28	Baking and yeast cakes and powders.....	5	26,250	18,135	6	11	3,180	28,820
29	Bank locks.....	1	25,000	14,000	18		5,760	30,000
30	Barilla.....	1	30,000	25,000	10		4,848	54,800
31	Bark—Ground.....	36	80,000	83,270	64		15,968	154,403
32	Sumac, and sumac prepared.....	4	11,700	10,900	12		2,520	16,850
33	Barley, pearl.....	3	18,000	41,500	9		3,300	53,000
34	Barytes.....	1	5,000	5,000	40		12,000	25,000
35	Baskets.....	87	106,970	62,205	375	62	120,462	255,137
36	Bath tubs.....	1	20,000	42,600	50		12,000	62,000
37	Bead work.....	8	24,200	15,911	3	37	6,634	25,749
38	Beds, spring.....	15	31,000	109,401	51	10	22,908	313,300
39	Bee-hives.....	12	18,900	20,966	33		19,406	49,435
40	Bellows.....	16	40,000	70,865	78		31,248	170,950
41	Belts.....	9	84,700	139,193	60		20,484	224,500
42	Belt clasps and slides.....	1	4,000	1,150	7	7	2,700	5,000
43	Belts, children's.....	1	60,000	185,000	4	166	20,925	450,000
44	Benzoline.....	1	100	787	1		240	2,000
45	Billiard cues.....	2	4,000	3,600	4		1,380	12,000
46	Billiard and bagatelle tables.....	23	285,100	340,268	298		139,176	727,900
47	Blacking.....	13	177,400	188,600	82	94	40,312	298,140
48	Blacking and water-proof composition.....	5	5,650	6,778	5	4	2,208	22,800
49	Blacksmithing.....	7,504	4,940,756	3,417,067	15,719	1	4,827,303	11,641,213
50	Blacksmith's tools.....	1	500	625	2		864	1,800
51	Block letters.....	4	12,700	5,623	33	1	15,936	21,547
52	Blocks, pumps, and spars.....	101	255,350	154,951	370		150,500	523,897
53	Bolts, nuts, washers, and rivets.....	54	1,235,300	988,993	1,492	12	426,090	2,175,535
54	Bone-black.....	8	144,100	128,590	78		20,460	246,100
55	Bone boiling.....	5	23,500	74,080	38		12,156	129,530
56	Bookbinder's machinery.....	4	26,000	6,390	46	1	19,068	39,100
57	tools.....	1	3,000	660	5		1,800	2,625
58	Bookbinding and blank books.....	269	1,654,830	1,554,082	2,045	2,732	1,048,930	3,729,080
59	Boot and shoe patterns.....	2	900	648	4		1,296	3,000
60	Boots and shoes.....	12,486	23,357,627	42,723,174	94,512	28,514	30,938,030	91,829,298
61	Bottle moulds.....	1	5,000	1,000	7		2,640	6,000
62	Boxes—Cheese.....	101	137,575	53,452	224	1	59,186	144,565
63	Cigar.....	10	16,350	16,555	12		8,748	31,800

UNITED STATES.  
MANUFACTURES, TOTALS OF, 1860.

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					Male.	Female.		
64	Boxes—Packing.....	270	\$1,057,840	\$1,219,006	1,595	9	\$612,133	\$2,516,174
65	Paper.....	110	333,196	467,350	511	1,090	358,658	1,163,777
66	Sugar.....	1	1,500	100	4		1,200	1,600
67	Tobacco.....	13	21,395	42,985	100		35,928	100,828
68	Box shooks.....	5	65,600	104,100	102		34,920	176,750
69	Brass and bell founding.....	7	38,500	31,062	30		10,836	110,020
70	Brass and copper tubing.....	1	140,000	201,000	45		24,000	250,000
71	Brass and German silver, rolled.....	11	2,086,000	1,425,560	909	36	344,424	2,401,600
72	Brass book clasps and badges.....	2	4,500	3,376	22		5,400	12,500
73	Brass founding and brass ware.....	183	1,226,460	1,414,339	1,492		557,412	2,643,754
74	Brass ornaments.....	1	2,000	500	3		1,152	3,000
75	Brass wire and wire cloth.....	2	45,000	28,555	48	4	19,464	62,200
76	Bread and crackers.....	1,930	3,900,189	10,634,199	6,176	338	2,086,148	16,980,012
77	Brick.....	1,595	7,130,128	2,028,025	20,046	440	3,888,106	10,253,734
78	Brick machinery and tools.....	2	13,000	12,100	16		6,240	25,750
79	Bridges.....	5	61,500	85,840	96		51,720	192,500
80	Bronze powders.....	1	10,000	5,000	6		3,600	10,000
81	Broom handles.....	3	7,500	2,150	18		3,636	6,200
82	Brooms.....	228	505,713	874,046	1,144	40	287,528	1,428,194
83	Brush blocks.....	6	34,800	4,010	23		5,316	14,800
84	Brushes.....	121	913,630	993,939	1,675	703	594,116	2,096,583
85	Brush handles and stocks.....	1	3,000	715	4		1,200	2,500
86	Buttons.....	43	558,550	358,385	487	674	260,206	949,408
87	Calico printing.....	22	3,397,250	3,789,783	3,330	564	1,048,504	7,748,614
88	Cameras.....	2	30,000	6,753	25		12,450	66,000
89	Cumphene and burning fluid.....	33	505,400	2,332,452	174		73,740	2,810,960
90	Candle moulds.....	1	3,000	2,250	4		1,920	5,000
91	Candles—Adamantifne.....	5	695,000	850,680	181	34	62,688	1,145,000
92	Wax.....	1	1,000	750	2		600	1,200
93	Candlesticks.....	1	5,000	6,500	8	3	3,444	12,000
94	Cap fronts.....	1	600	3,500	6	4	2,568	10,000
95	Car brakes.....	1	500	3,100	3		1,200	10,000
96	Card boards.....	6	8,000	6,136	24		7,620	17,246
97	Card cutting.....	1	1,000	1,500	3		1,080	4,000
98	Cards—Enameled.....	1	100,000	86,125	50	70	34,800	300,000
99	Hand.....	3	34,400	28,220	52	9	19,896	181,700
100	Playing.....	4	113,000	158,000	71	82	38,360	264,000
101	Car linings.....	2	9,500	4,967	20		7,080	17,160
102	Carpentering.....	1,323	3,251,327	5,164,975	8,998	8	3,868,672	12,646,392
103	Carpenter's tools.....	33	578,250	214,974	754	2	251,204	731,430
104	Carpet cleaning.....	3	8,200	91,000	9		4,140	118,000
105	Carpets.....	216	4,721,638	4,419,561	3,912	2,771	1,546,328	7,860,351
106	Carpet-sweepers.....	1	1,000	2,000	2	2	984	4,000
107	Carriages.....	3,917	14,131,527	9,085,301	27,304	157	10,001,891	26,848,905
108	children's.....	32	134,470	108,393	335	22	129,540	374,350
109	Carriagesmithing.....	4	3,700	3,718	11		5,220	12,200
110	Carriage trimmings.....	8	9,550	12,884	22	3	8,436	29,790
111	Cars, omnibuses, and repairing.....	62	2,953,717	1,841,344	3,172	7	1,237,452	4,302,613
112	Car wheels.....	16	1,223,700	1,243,200	523		210,180	1,996,350
113	Carving.....	56	89,400	74,047	229		105,596	230,396
114	Cement.....	14	759,200	262,920	738	2	206,460	767,080
115	Cement pipe.....	2	800	750	4		1,212	2,261
116	Chalk and crayons.....	2	5,000	4,775	9		2,700	17,000
117	Chalk, prepared.....	1	1,000	1,830	4		900	5,250
118	Charcoal.....	69	161,875	120,076	456	1	122,840	422,217
119	Charcoal, pulverized.....	4	18,500	13,358	8		3,024	34,000
120	Charts, hydrographic.....	1	1,000	400	4		2,400	3,000
121	Cheese.....	2	8,000	9,441	4	3	984	13,400
122	Cheese presses and vats.....	3	5,400	3,350	6		2,076	10,100
123	Chemicals.....	84	3,276,800	2,707,152	1,467	62	506,361	4,705,741
124	Bichromate of potash.....	1	70,000	100,300	50		15,600	135,000
125	Bisulphate of lime.....	1	7,000	6,500	10		7,200	20,000
126	Chimney flues.....	3	625	1,240	6		1,440	3,700
127	China and glass decorating.....	2	205,000	89,000	116	40	66,000	185,000

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					Male.	Female.		
128	Chocolate.....	3	\$15,300	\$50,995	10	3	\$4,212	\$60,880
129	Chrome mining.....	1	10,600		32		6,144	15,000
130	Churns.....	11	10,775	28,629	27		7,772	66,332
131	Cider.....	71	85,670	67,413	149		13,706	125,747
132	refined.....	16	31,900	22,549	35		11,352	40,286
133	Cigars.....	1,478	3,035,555	3,511,312	7,266	731	2,531,354	9,068,778
134	Cisterns.....	25	22,750	60,027	50		26,844	153,700
135	Clay mining.....	5	89,500	24,000	68		24,384	105,660
136	Clock cases.....	3	12,500	17,410	26		14,160	46,500
137	Clocks.....	22	576,100	474,668	935	40	391,320	1,187,550
138	Cloth finishing.....	2	4,500	3,100	10	2	3,180	8,250
139	Clothing—Ladies'.....	188	1,421,650	3,323,335	889	4,850	1,193,032	7,181,039
140	Men's.....	4,014	27,246,093	44,149,752	41,837	72,963	19,856,426	80,830,553
141	Oil.....	7	39,500	54,473	23	62	15,864	83,769
142	Clover hulling.....	28	26,200	32,063	28		3,788	41,218
143	Clover seed cleaning.....	7	10,900	10,750	10		2,600	16,700
144	Coach lace.....	6	42,800	28,987	80	16	32,364	69,200
145	Coal—Anthracite.....	176	13,880,250	1,637,898	25,126		5,503,124	11,869,574
146	Bituminous.....	446	15,548,420	1,115,074	11,343	17	4,147,140	8,374,063
147	Cocoa.....	2	25,500	14,750	5	2	2,640	21,750
148	Coffee and spices, ground.....	85	1,002,150	2,725,012	487	23	192,248	3,592,181
149	Coffee, essence of.....	9	62,600	83,760	51	34	18,864	197,600
150	Coffee roasters.....	1	600	225	1		336	1,400
151	Coffee roasting.....	7	49,500	408,988	33	1	11,688	570,297
152	Coffins.....	210	605,950	312,838	671	17	297,564	1,024,953
153	Coffin screws.....	1	10,000	4,200	9	2	3,312	10,520
154	Coffin trimmings.....	4	6,300	6,785	20	3	4,216	16,650
155	Coke.....	21	62,300	73,552	198		61,368	189,844
156	Comb plates.....	1	1,000	1,200	3		1,080	2,700
157	Combs, shell and other.....	66	721,700	614,431	800	130	304,716	1,314,968
158	Confectioner's tools.....	1	1,000	6,600	3		1,440	25,000
159	Confectionery.....	541	1,568,478	2,900,186	1,875	465	688,423	5,361,100
160	Cooperage.....	2,707	4,353,546	4,105,203	13,741	9	4,284,704	11,343,221
161	Cooper's tools.....	4	1,000	1,894	12		4,128	9,100
162	Copper and brass ware.....	1	60,000	86,540	130		48,000	145,000
163	Copper mining.....	47	8,525,500	506,814	5,111	42	1,816,160	3,361,223
164	Copper—Rolled.....	2	1,250,000	1,454,750	260		95,280	1,800,000
165	Sheet and bolt.....	5	1,220,000	1,082,450	153		61,800	1,268,768
166	Copper smelting.....	10	1,535,000	4,237,567	472		176,720	4,945,360
167	Coppersmithing.....	70	587,550	662,981	592		259,056	1,281,262
168	Copper work.....	2	100,000	107,450	32		14,400	162,060
169	Cordage.....	190	2,938,289	5,663,320	2,860	618	966,216	7,843,339
170	Corks.....	13	52,500	54,011	78	8	21,288	141,000
171	Corundum.....	1	5,000	825	3		1,440	3,000
172	Cotton bags.....	3	92,700	83,620	113	83	40,380	177,900
173	Cotton batting and wadding.....	54	365,400	628,299	378	66	122,484	989,414
174	Cotton braid, thread, lines, twine, and yarn.....	191	4,239,060	3,613,142	2,549	3,451	1,182,000	6,569,093
175	Cotton cordage.....	22	166,300	144,476	133	82	45,240	257,650
176	Cotton coverlets.....	18	34,975	45,420	68	19	21,288	102,675
177	Cotton flannel carding.....	3	6,000	23,973	29		4,836	54,482
178	Cotton ginning.....	89	92,657	367,746	265	6	52,644	553,635
179	Cotton gins.....	57	758,825	287,488	614	2	206,160	1,152,315
180	Cotton goods.....	803	93,143,759	52,666,701	43,406	71,549	22,488,562	107,337,783
181	Cotton lamp wick.....	2	70,000	52,909	43	30	8,700	119,124
182	Cotton mosquito netting.....	2	53,000	32,720	58	71	25,956	138,392
183	Cotton pressing.....	5	149,700	3,610	64		25,920	89,650
184	Cotton table-cloths.....	13	23,550	18,127	68	6	15,900	40,318
185	Crucibles.....	3	110,000	58,700	59		25,200	150,000
186	Curled hair.....	7	65,500	78,738	40	5	12,744	106,869
187	Currier's tools.....	2	1,800	750	5		2,204	5,197
188	Curtain fixtures.....	3	4,500	3,859	17		4,200	14,000
189	Curtains.....	1	2,500	1,200	4	5	1,896	3,500
190	Cutlery.....	51	869,800	433,492	1,305	33	472,920	1,366,225
191	Dentistry.....	154	147,120	134,531	226	3	115,656	414,554

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192	Dippers, cocoa-nut .....	1	\$4,000	\$3,000	6	.....	\$2,160	\$6,000
193	Drain pipe, wooden .....	1	12,000	4,150	40	.....	12,480	28,000
194	Drain tile .....	56	335,600	104,199	448	7	166,148	516,013
195	Dress patterns .....	1	150	150	.....	6	960	3,000
196	Drugs, ground .....	3	45,500	77,200	16	.....	5,544	107,500
197	Dumb waiters .....	1	1,000	1,500	4	.....	1,920	9,000
198	Dyeing and bleaching .....	102	2,321,421	1,215,652	2,755	448	953,024	3,967,819
199	Dye woods and dye stuffs .....	15	732,950	1,021,547	360	4	131,000	1,424,191
200	Eave troughs .....	2	2,500	2,300	11	.....	3,913	14,630
201	Edge tools and axes .....	166	2,146,499	1,270,171	2,869	.....	1,086,935	3,243,902
202	Electro-magnetic machines .....	4	16,500	13,655	13	.....	5,040	59,000
203	Embroidery .....	3	11,000	13,400	3	78	14,244	56,216
204	Emery .....	2	30,000	26,000	14	.....	5,880	50,000
205	Enamelling .....	1	3,000	1,800	6	1	2,712	10,000
206	Engraver's blocks and wood .....	2	25,600	4,750	12	.....	4,104	12,700
207	Engraving and die-sinking .....	191	431,650	157,171	706	18	330,524	629,140
208	Engraving, calico .....	2	3,100	600	4	1	2,280	3,200
209	Envelopes .....	16	309,600	433,637	150	282	117,180	763,700
210	Envelopes and cards, embossed .....	1	1,000	400	4	2	696	2,500
211	Fans .....	2	3,000	2,990	12	27	4,080	56,050
212	Felting .....	2	10,500	15,430	14	.....	5,520	34,700
213	Fertilizers .....	47	466,000	590,816	308	.....	95,016	891,344
214	Filter bags .....	1	600	3,600	2	.....	672	4,500
215	Fire-arms .....	239	2,512,781	376,913	1,986	70	885,898	2,362,631
216	Fire bomb-lances .....	1	40,000	10,000	12	.....	5,400	50,000
217	Fire-brick .....	27	528,700	197,670	468	.....	120,247	493,400
218	Fire clay .....	2	2,000	.....	3	.....	900	1,583
219	Fire-engines .....	13	474,500	209,894	563	.....	272,400	795,850
220	Fire-escapes .....	1	700	225	1	.....	240	700
221	Fireworks .....	9	82,500	48,126	112	21	37,920	173,100
222	Fisheries .....	1,970	17,919,959	4,362,355	29,453	931	6,077,677	14,284,405
223	Fish hooks .....	2	102,000	33,150	42	3	15,720	157,000
224	Fishing lines, nets, and tackle .....	7	16,200	11,057	15	27	7,080	29,400
225	Flags and banners .....	9	50,200	34,330	48	29	26,088	90,600
226	Flax dressing .....	32	56,636	77,488	115	.....	29,839	165,404
227	Flour and meal .....	13,868	84,585,004	208,497,309	27,626	56	8,721,391	248,580,365
228	Flowers .....	3	9,000	9,500	7	.....	2,028	16,500
229	Fly nets .....	4	15,800	8,926	14	74	14,448	32,100
230	Foundry facings .....	7	74,500	44,696	30	.....	12,900	105,950
231	Furnaces, ranges, registers, and ventilators .....	39	336,200	349,802	348	.....	164,952	882,288
232	Furniture, cabinet, school, and other .....	3,594	13,629,526	8,181,250	25,132	1,974	8,999,998	25,632,293
233	Furniture polish .....	1	10,000	31,270	7	3	2,200	44,000
234	Furs .....	95	1,162,600	1,792,923	496	797	268,574	3,115,755
235	Gas fixtures, lamps, and chandeliers .....	33	1,310,850	693,782	1,628	4	570,804	2,255,900
236	Gas, illuminating .....	221	28,248,726	3,667,630	5,730	.....	2,321,536	12,016,353
237	Gasometers and tanks .....	7	326,500	277,016	373	.....	169,196	565,500
238	Gas works, portable .....	1	7,000	2,600	2	.....	900	4,000
239	Ginseng .....	3	10,000	4,520	5	.....	1,560	6,850
240	Glass .....	112	6,133,666	2,914,303	8,765	251	2,903,832	8,775,155
241	Glass sand .....	1	50	.....	3	.....	720	800
242	Glaziers' diamonds .....	3	11,800	9,500	11	.....	3,840	27,250
243	Globes, terrestrial and celestial .....	1	4,000	1,550	4	3	1,740	10,000
244	Gloves and mittens .....	126	594,825	537,569	453	976	330,419	1,176,795
245	Glue .....	62	1,032,900	537,276	865	10	305,964	1,185,625
246	Gold and silver assaying and refining .....	13	755,300	669,055	223	51	242,710	1,140,070
247	Gold leaf and foil .....	23	140,250	299,696	145	81	77,592	481,072
248	Gold mining .....	7,202	12,006,791	16,561,786	44,261	55	23,061,620	47,163,170
249	Grain threshing .....	2	1,350	1,200	4	.....	360	1,800
250	Granular fuel .....	3	6,300	753	9	.....	2,496	15,460
251	Grates and fenders .....	16	153,500	124,895	186	.....	74,862	362,900
252	Grease .....	6	26,100	97,520	18	.....	8,940	123,596
253	Grindstones and grindstone quarrying .....	11	100,800	12,800	145	.....	41,640	67,040
254	Gum and gum cleaning .....	2	30,000	115,375	14	38	9,912	199,500
255	Gun locks and materials .....	3	3,700	1,700	8	1	3,324	6,250

MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
256 Gunpowder .....	58	\$2,305,700	\$1,812,200	737	10	\$291,144	\$3,223,090
257 Gutta-percha goods.....	2	100,000	69,000	34	.....	21,600	125,750
258 Hair-cloth.....	11	180,500	137,545	70	341	99,708	279,000
259 Hair jewelry.....	8	27,000	15,830	17	25	10,620	45,600
260 Handles.....	14	45,100	21,885	78	1	28,752	89,313
261 Handspikes.....	1	800	900	3	.....	1,152	4,000
262 Hardware.....	443	6,707,000	4,402,958	9,458	1,263	3,443,664	10,903,106
263 Hat and bonnet blocks.....	5	5,300	1,397	12	.....	4,536	10,100
264 Hat-bodies.....	3	81,000	508,320	68	12	33,240	637,400
265 Hats and caps.....	655	4,154,372	8,252,380	7,521	4,243	3,815,824	16,937,782
266 Hatter's trimmings.....	3	6,500	9,100	6	3	2,448	15,700
267 Hat-tips.....	1	500	800	3	.....	1,056	2,500
268 Hay pressing.....	7	30,755	38,536	31	.....	9,012	61,049
269 Hemp dressing.....	1	3,000	40,000	10	.....	2,400	60,000
270 Hemp hose.....	1	3,000	2,500	6	1	2,340	8,000
271 Hides and tallow.....	12	264,000	874,666	81	.....	31,320	1,143,937
272 Hoisting apparatus and machines.....	4	8,500	9,844	18	.....	11,280	33,200
273 Hominy.....	1	1,000	1,300	1	.....	288	1,775
274 Hooks and eyes.....	5	129,800	66,490	60	57	34,824	194,200
275 Horse-covers.....	1	10,000	125,000	1	50	7,560	145,000
276 Horse-shoe nails.....	24	21,600	27,518	94	.....	33,852	81,700
277 Horse-shoes.....	10	20,200	45,751	93	.....	34,704	106,383
278 Hosiery.....	197	4,035,510	3,202,317	2,780	6,323	1,661,972	7,280,606
279 Husks, prepared.....	8	11,500	14,350	40	.....	12,228	40,355
280 Hydrant cases.....	1	1,500	4,000	4	.....	1,920	8,250
281 Hydrants.....	1	16,000	2,656	4	.....	1,500	9,000
282 Ice.....	52	494,900	47,880	1,765	.....	86,272	451,255
283 India-rubber goods.....	27	3,534,000	3,056,360	1,795	973	794,570	5,042,700
284 Ink—Printing.....	16	245,700	498,505	79	.....	33,204	802,900
285     Writing.....	13	33,050	45,341	58	8	18,432	119,578
286 Instruments.....	116	827,000	239,787	710	32	294,228	1,026,133
287 Iron—Cast.....	1,405	24,368,243	15,524,619	26,940	21	10,328,722	36,638,073
288     Forged, rolled, and wrought.....	402	23,343,073	21,961,437	21,962	52	7,436,538	36,337,259
289 Iron ore.....	159	2,195,527	439,562	3,206	.....	912,280	2,405,292
290 Iron, pig.....	286	24,672,824	12,293,030	15,854	73	4,545,430	20,870,120
291 Iron steamships.....	1	190,000	585,050	300	.....	140,400	914,700
292 Isinglass.....	1	5,000	667	16	.....	1,920	3,750
293 Ivory-black.....	1	5,000	2,000	6	.....	2,040	6,000
294 Jack-screws.....	1	4,500	760	2	.....	960	2,350
295 Japanned ware.....	11	114,400	91,621	224	16	63,204	247,960
296 Jeweler's dies, tools, and machinery.....	6	10,400	2,418	16	.....	6,132	14,840
297 Jewelry.....	463	5,180,723	5,102,500	5,363	534	2,605,056	10,415,811
298 Jewelry boxes and cases.....	14	28,650	23,120	70	12	26,876	83,816
299 Keys, metallic.....	1	5,000	8,000	12	.....	3,600	15,000
300 Kindling wood.....	32	178,700	280,273	416	.....	131,892	613,315
301 Lampblack.....	15	110,300	48,698	81	3	29,676	124,610
302 Lamp fixtures.....	1	1,000	1,500	1	.....	300	2,000
303 Lamps.....	30	225,800	242,536	344	30	135,848	578,020
304 Lamp trimmings.....	1	25,000	51,750	7	9	34,488	100,000
305 Lapidaries' work.....	7	13,400	14,004	29	.....	14,760	36,850
306 Lasts and boot trees.....	77	210,081	93,818	434	.....	134,884	484,279
307 Laundry work.....	3	19,600	165,830	11	165	24,840	212,600
308 Lead, manufactures of.....	14	1,739,963	2,679,453	344	2	103,056	3,166,029
309 Lead mining and smelting.....	64	259,802	951,121	361	.....	90,096	1,176,875
310 Leather.....	5,040	35,655,370	44,520,737	22,622	57	6,933,740	67,306,452
311     Morocco.....	123	2,213,800	3,618,181	2,279	322	893,078	5,910,773
312     Patent and enamelled leather.....	12	1,029,000	1,395,400	865	.....	317,400	2,101,250
313     Skin dressing.....	13	117,450	278,341	92	9	31,220	380,272
314 Leather belting and hose.....	46	588,000	915,271	329	25	134,952	1,481,750
315 Life-preservers.....	1	1,500	2,262	3	.....	1,728	6,290
316 Lightning-rods.....	20	87,610	76,362	85	.....	32,820	182,750
317 Lime.....	714	2,014,931	1,760,103	3,031	22	877,377	3,798,505
318 Linen goods.....	4	690,000	288,575	226	261	95,220	655,090
319 Liquor coloring.....	1	2,000	1,000	2	.....	600	6,000

## MANUFACTURES. TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
320	Liquors—Bottled .....	12	\$32,650	\$34,804	50		\$18,204	\$82,610
321	Distilled .....	1,193	11,548,675	18,330,713	5,405	11	1,753,445	20,768,225
322	Malt .....	1,269	15,782,342	9,997,293	6,412	21	2,305,970	21,310,933
323	Rectified .....	232	2,571,265	6,351,972	685	3	283,640	7,994,707
324	Wine .....	32	306,300	196,075	102	4	48,208	400,701
325	Cordials .....	3	7,975	11,216	13		4,536	30,900
326	Lithography .....	53	445,250	229,206	760	26	328,868	848,230
327	Locksmithing and bell hanging .....	49	127,780	40,285	203		76,992	195,071
328	Locomotive engines and repairing .....	19	3,482,592	2,411,954	4,174		1,584,468	4,866,900
329	Looking-glass and picture frames .....	199	1,008,383	1,228,831	1,884	12	704,274	2,854,132
330	Lumber, planed .....	466	4,138,996	8,201,497	3,715	2	1,322,438	11,589,736
331	Lumber, sawed .....	19,699	72,503,894	43,156,903	71,207	671	20,647,807	93,338,606
332	Lye, condensed .....	1	10,000	52,780	5		1,800	62,500
333	Macaroni and vermicelli .....	6	24,600	40,360	29	31	20,460	111,600
334	Machinery—Cotton and woollen .....	192	2,492,088	1,911,786	4,370	443	1,619,053	4,902,704
335	Hay and cotton presses .....	2	3,500	6,330	12		7,080	31,000
336	Paper .....	3	45,000	13,675	33		14,232	41,400
337	Rice machines .....	1	500	132	1		300	500
338	Ribbon looms .....	1	2,000	2,850	10		4,800	15,000
339	Shingle machines .....	5	10,400	2,371	13		4,452	10,620
340	Silk .....	2	8,000	2,550	17		5,880	12,756
341	Stump machines .....	1	900	3,160	8		3,360	7,210
342	Turbine water-wheels .....	2	43,000	35,009	50		15,600	96,700
343	Wood working .....	2	34,000	28,050	78		38,400	135,000
344	Steam-engines, &c .....	1,177	33,392,080	17,432,620	36,190	8	14,469,390	46,757,486
345	Machinist's tools .....	17	536,150	143,404	455		178,732	540,292
346	Magnesia .....	2	2,700	2,600	9		3,312	12,270
347	Manganese .....	1	2,000	500	10		3,600	5,250
348	Malt .....	85	2,125,759	2,365,299	589		189,800	3,228,857
349	Malt kilns .....	2	2,300	2,400	9		2,340	7,000
350	Map mounting and coloring .....	1	200	200	2		816	2,000
351	Maps .....	15	218,500	115,555	90	110	69,108	301,500
352	Marble and stone work .....	1,806	8,864,675	5,345,526	15,365	14	5,672,211	16,244,044
353	Mast hoops and hanks .....	6	4,650	1,482	14		5,400	10,580
354	Masts and spars .....	27	204,200	124,420	181		83,716	301,591
355	Matches .....	75	361,750	229,720	604	648	179,450	698,566
356	Mats and rugs .....	9	34,700	42,850	161	4	20,692	107,036
357	Mattresses and beds .....	36	35,755	43,621	72	21	23,904	104,490
358	Medicine chests .....	3	6,000	3,550	10		4,308	9,150
359	Medicines, extracts, and drugs .....	173	1,977,285	1,492,248	833	226	372,127	3,465,594
360	Metallic caps and labels .....	1	500	1,200	4		960	3,700
361	Metal cocks and faucets .....	10	175,500	197,798	299		135,024	431,445
362	Metal, repaired and white .....	7	226,200	226,150	49		21,348	330,500
363	Metal spinning .....	1	1,000	1,594	2		720	4,648
364	Metal type .....	1	50,000	50,640	6		2,304	68,000
365	Military goods .....	15	407,500	107,350	174	35	76,528	299,856
366	Milk, condensed .....	1	24,000	25,000	9	1	3,300	48,000
367	Millinery and dress making .....	987	1,370,777	2,153,192	132	4,614	887,702	4,542,284
368	Millinery goods .....	35	365,900	739,965	111	923	202,508	1,483,154
369	Millstones and mill furnishing .....	21	168,245	100,329	162		65,952	270,644
370	Millwrighting .....	40	274,950	175,115	329	4	99,356	482,654
371	Mineral water .....	123	585,860	454,458	720	7	241,292	1,415,420
372	Mineral water apparatus .....	2	52,500	7,500	33	1	10,080	30,000
373	Molasses, refined .....	2	10,500	87,000	21		6,384	98,600
374	Money drawers .....	1	600	540	8		2,900	16,800
375	Moulding sand .....	3	5,650	4,000	15		3,600	13,600
376	Mowing-machine knives .....	1	3,000	600	1		432	2,100
377	Musical instruments—Miscellaneous .....	53	184,650	90,038	263		105,740	315,800
378	Melodions .....	40	418,400	214,980	447	4	230,352	646,975
379	Organs .....	20	184,600	111,395	265		112,764	324,750
380	Piano-fortes .....	110	3,644,250	1,727,885	3,479	3	1,929,664	5,260,907
381	Musical instrument materials .....	24	189,200	179,051	287	5	148,868	411,486
382	Musie printing .....	2	18,000	5,800	11		5,280	22,500
383	Mustard .....	4	21,000	33,984	17		5,700	79,450

MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
384 Nails, cut, wrought, and spikes .....	99	\$5,810,250	\$6,069,195	6,721	157	\$2,398,872	\$9,857,223
385 Needles .....	1	700	310	3		600	1,000
386 Needle-threaders .....	1	500	525	4		1,200	2,880
387 Nets .....	1	1,500	12,000	2	20	3,360	23,240
388 Newspaper directing machines .....	1	2,000	340	2		240	600
389 Nickel and cobalt .....	2	80,000	40,750	40		14,856	81,000
390 Nickel ore .....	2	115,000	3,396	45		18,880	35,626
391 Oakum .....	14	191,400	245,080	196		49,944	348,401
392 Oars .....	4	5,100	3,180	10		3,466	9,255
393 Ochre .....	1	1,500	420	2		480	1,080
394 Oil—Castor .....	8	137,400	239,840	97		41,196	320,370
395 Coal .....	64	2,240,518	2,167,103	932		339,360	4,254,987
396 Cocoon-nut .....	1	3,000	2,000	2		600	4,000
397 Cotton-seed .....	7	351,000	498,000	183		76,956	741,000
398 Fish, whale and other .....	48	1,968,201	5,236,495	335	2	128,276	6,099,377
399 Kerosene .....	14	2,085,000	895,124	551		216,924	2,142,693
400 Lard .....	29	512,950	2,131,141	147	4	51,112	2,552,510
401 Linseed .....	94	2,592,550	5,044,267	808	6	284,694	5,981,843
402 Neatsfoot .....	4	10,000	8,533	15		3,024	15,826
403 Rosin .....	14	560,000	204,326	77		32,732	518,430
404 Water .....	1	6,000	15,800	3		1,440	20,000
405 Oil and enamelled cloth .....	41	1,265,700	1,955,912	1,205	23	420,972	2,916,416
406 Oil cloth, silk .....	1	1,500	4,838	4		840	7,000
407 Oil floor cloth .....	8	341,000	420,063	310		96,324	685,800
408 Oils—Chemical .....	1	100,000	134,825	20		6,920	200,000
409 Essential .....	45	35,615	87,399	74		12,247	124,317
410 Oil-stones .....	1	1,000	200	2		260	2,500
411 Oil-tanks .....	1	1,500	1,627	3		720	2,410
412 Ornaments—Paper .....	1	100	250	1		360	1,200
413 Plaster .....	11	10,100	9,325	42		12,780	35,070
414 Terra cotta .....	1	600	238	4		1,584	4,000
415 Painting .....	268	300,815	325,112	903	10	379,088	915,339
416 Paint mills .....	1	4,000	1,242	4		1,920	6,000
417 Paints .....	45	1,615,300	1,567,238	562	1	213,864	2,574,955
418 Paper .....	555	14,052,683	11,602,266	6,519	4,392	2,767,212	21,216,802
419 Paper bags .....	2	11,000	12,200	5	9	2,460	21,500
420 Paper clay .....	1	10,000	1,000	6		1,872	7,500
421 Paper hangings .....	26	1,037,600	1,153,670	1,203	91	328,224	2,148,800
422 Paper ruling .....	1	500	500	4		720	1,600
423 Paper shading .....	1	10,000	5,000	13	12	6,300	25,000
424 Paper staining .....	3	17,000	14,026	25	2	7,260	28,500
425 Patterns and models .....	48	101,050	32,221	240		111,732	236,080
426 Pearl goods .....	12	16,300	17,675	97	15	26,976	59,416
427 Perfumery and fancy soaps .....	33	597,000	460,194	261	274	146,076	1,222,400
428 Photographic materials .....	12	198,000	175,821	255	296	123,900	468,280
429 Photographs .....	249	417,250	293,257	580	73	359,854	1,020,647
430 Piano-forte stools .....	1	1,500	1,860	5		2,400	7,800
431 Pins .....	7	266,000	272,422	88	165	65,820	432,500
432 Pipes—Clay .....	1	500	150	3		684	3,750
433 Meerschauums .....	1	800	375	2		840	2,000
434 Pipe tongs .....	1	1,000	1,450	5		2,400	5,000
435 Pipe, wooden .....	1	4,600	1,000	2		864	2,000
436 Pitch, brewer's and Burgundy .....	3	5,800	2,600	3		1,800	7,100
437 Plaster, and manufactures of .....	307	1,029,990	522,836	864	2	232,500	1,110,854
438 Plastering .....	11	7,150	16,104	49		21,540	49,500
439 Plugs and wedges .....	1	2,500	300	4		960	3,000
440 Plumbago, black and silver lead .....	2	101,600	16,853	48		15,000	53,000
441 Plumber's materials .....	1	14,000	26,905	35		7,200	40,000
442 Plumbing and gas fitting .....	221	797,470	931,320	1,345		523,050	2,113,701
443 Pocket-books, porte-monnaies, and wallets .....	46	208,200	354,264	423	397	155,996	706,037
444 Porcelain ware .....	3	360,000	81,195	224	12	109,680	243,000
445 Potter's clay and materials .....	2	23,000	15,000	24		6,480	34,000
446 Pottery and stone ware .....	557	1,341,774	517,113	2,836	72	934,918	2,463,681
447 Powder flasks and percussion cups .....	7	245,500	142,315	143	94	60,280	320,000



UNITED STATES.  
MANUFACTURES. TOTALS OF, 1860

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
448	Prepared moss .....	1	\$4,000	\$4,000	5		\$3,600	\$18,000
449	Printer's chases, furniture, and rollers.....	8	13,900	11,699	27		10,656	31,500
450	Printing and publishing.....	1,666	19,622,318	12,844,288	17,826	2,333	7,588,096	31,063,898
451	Printing and lithographic presses.....	14	1,015,000	145,520	707		289,684	943,450
452	Provisions .....	352	11,484,896	24,894,624	6,680	799	1,388,190	31,986,433
453	Pump logs .....	1	3,000	1,000	2		624	3,000
454	Pumps and hydraulic rams.....	133	453,740	229,198	534		199,856	685,024
455	Putty.....	3	11,500	18,280	9		2,700	35,780
456	Quicksilver .....	3	3,112,000	166,100	335		159,000	382,000
457	Quilts .....	2	6,500	12,160	1	19	2,424	15,500
458	Razor-strops .....	9	17,000	14,547	28	29	12,984	56,800
459	Refrigerators and water-coolers .....	13	83,650	70,727	92	1	41,844	162,550
460	Regalins, banners, and flags .....	6	12,000	12,000	10	13	5,508	26,800
461	Rice cleaning.....	23	529,700	1,530,777	229	213	79,836	1,788,126
462	Rice flour .....	1	115,000	648,200	76	20	16,560	772,200
463	Rigging.....	20	72,400	266,058	294		147,588	506,350
464	Roofing.....	56	352,300	533,155	554		195,996	1,024,019
465	Saddlery and harness.....	3,621	6,478,184	6,606,415	11,963	322	4,150,365	14,169,037
466	Saddlery and harness materials .....	74	137,850	119,929	480	15	182,676	435,291
467	Sad-irons .....	3	55,000	52,650	152		42,060	140,000
468	Safes—Cheese .....	1	3,000	2,500	2		720	4,000
469	Fire-proof .....	36	1,026,800	757,515	1,093		471,924	1,910,079
470	Provision .....	4	10,500	5,132	25		8,940	21,200
471	Safety-fuse .....	3	40,000	47,245	14	13	8,880	70,940
472	Sails.....	133	312,075	820,222	641	2	267,485	1,322,146
473	Saleratus .....	11	275,000	439,010	172	6	89,112	1,176,000
474	Salt .....	399	3,692,215	1,054,780	2,190	23	371,954	2,289,504
475	ground .....	9	83,700	95,140	37	14	18,852	167,468
476	Salt-petre and nitrate of soda.....	1	3,000	18,000	2		1,032	23,500
477	Sand-paper .....	3	42,500	24,760	18	3	7,368	54,350
478	Sand, washed .....	4	44,700	6,750	31		7,936	132,500
479	Sash, doors, and blinds .....	986	5,419,487	3,965,365	7,399	7	2,745,567	9,529,007
480	Sash, metal .....	3	4,000	5,008	6		2,460	12,600
481	Satinet printing .....	7	120,000	95,032	103	8	39,792	222,420
482	Saws .....	42	770,200	583,123	756	3	281,392	1,237,063
483	Scales and balances .....	43	744,300	336,166	725		280,015	1,292,560
484	School apparatus.....	3	8,200	5,560	23	7	9,936	27,000
485	Scythe rifles .....	1	500	165	1	1	480	1,400
486	Scythes.....	22	667,025	214,037	474		173,723	552,753
487	Scythe stones .....	12	7,700	2,029	29		8,676	16,735
488	Seal and copying presses .....	3	19,000	8,500	17		7,680	39,000
489	Seeds, garden and flower .....	2	38,000		13	15	10,500	45,500
490	Sewing birds.....	1	12,000	8,850	10	2	4,560	17,000
491	Sewing machine cases .....	1	20,000	33,750	20		6,000	50,000
492	Sewing machine needles .....	12	46,700	18,714	117	18	42,588	97,386
493	Sewing machines.....	74	1,426,550	647,963	2,259	28	1,090,956	4,247,820
494	Sewing machine shuttles.....	1	1,200	349	10		3,840	8,000
495	Shingles and lath .....	665	1,128,470	652,821	2,177	19	552,849	1,665,507
496	Ship and boat building .....	614	5,472,815	4,774,586	9,259	1	4,154,509	11,667,661
497	Shoddy .....	30	123,500	227,925	141	149	54,124	402,590
498	Shoe and boot tips.....	1	25,000	31,400	15		2,184	149,740
499	Shoe findings .....	43	157,600	91,991	265	38	92,692	307,188
500	Shoemaker's tools .....	39	139,900	73,096	387	7	120,316	339,059
501	Shoe peg machines .....	2	4,000	980	13		7,200	16,000
502	Shoe strings .....	2	2,500	2,650	7	5	3,036	7,040
503	Shoulder braces .....	1	100	200	1	2	480	800
504	Shovels, spades, forks, and hoes.....	55	963,300	866,468	1,188	1	414,620	1,638,876
505	Show cards .....	7	20,400	39,811	44	27	19,284	91,100
506	Show cases .....	9	17,900	29,141	40		18,648	85,200
507	Sieve hoops .....	2	9,000	1,300	7		2,208	5,850
508	Signs .....	20	11,500	24,995	83		38,016	85,200
509	Silk and fancy goods, fringes, and trimmings .....	95	1,262,780	1,527,769	940	1,841	647,996	2,992,923
510	Silk, sewing and twist.....	42	1,675,900	2,378,521	583	1,996	387,312	3,596,249
511	Silver mining .....	6	694,000	99,000	259		52,200	1,040,000

UNITED STATES.

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MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
512 Silver, manufactures of.....	106	\$1,712,050	\$2,266,784	1,283	61	\$556,140	\$3,571,634
513 Silver-plated and Britannia ware.....	128	1,537,540	1,738,806	2,172	327	932,756	3,676,460
514 Sirups, other than sorghum.....	7	73,200	96,422	21	.....	16,476	172,630
515 Skilt supporters.....	2	4,500	4,300	11	10	4,368	15,000
516 Slate quarrying.....	22	323,300	63,060	368	2	118,824	287,150
517 Soap and candles.....	614	6,347,138	12,562,179	3,062	185	1,066,390	18,464,574
518 Soap-stone.....	6	16,900	10,425	27	.....	10,824	27,600
519 Sorghum sirup.....	8	9,300	4,903	25	.....	4,692	23,870
520 Spenking tubes.....	1	400	460	2	.....	960	2,000
521 Spelter.....	1	5,000	2,420	6	.....	2,160	10,800
522 Splints.....	2	7,300	7,515	14	.....	5,520	27,640
523 Spokes, hubs, folloes, shafts, and bows.....	215	1,422,700	792,324	1,635	.....	599,179	2,213,820
524 Sponges.....	1	14,000	.....	250	.....	60,000	72,000
525 Springs, car, carilage, locomotive, and other.....	40	1,264,000	1,093,142	1,009	.....	408,160	2,117,377
526 Stair building.....	46	105,266	113,862	258	.....	113,022	309,600
527 Stair rods.....	5	87,000	75,685	62	5	28,380	149,400
528 Starch.....	167	2,051,710	1,380,000	1,063	10	298,526	2,823,258
529 Stationery.....	32	144,400	81,167	365	27	106,380	323,338
530 Staves, heading, hoops, and shooks.....	295	897,726	772,029	1,787	1	501,809	1,711,743
531 Steam and gas fittings and valves.....	18	229,000	177,004	396	30	122,292	507,400
532 Steam and water gauges.....	1	2,000	382	5	.....	2,400	5,310
533 Steam heaters and heating apparatus.....	9	275,500	189,876	234	.....	75,540	516,650
534 Steel, and manufactures of.....	17	1,666,000	858,274	871	18	338,880	1,879,840
535 Steering apparatus.....	1	1,500	950	3	.....	792	3,500
536 Stencils and brands.....	4	2,150	1,340	8	.....	3,420	7,675
537 Stencil tools.....	1	7,000	2,120	12	.....	3,120	35,000
538 Stereoscopic cases.....	1	500	730	1	.....	600	1,200
539 Stereotyping and electrotyping.....	41	126,500	60,507	305	.....	120,840	286,300
540 Stone-cutter's tools.....	1	200	100	1	.....	300	850
541 Stove polish.....	10	30,500	42,320	40	15	15,552	121,350
542 Straw bonnet bleaching.....	3	2,500	3,170	23	27	12,228	18,500
543 Straw goods.....	39	1,256,700	2,529,416	801	6,803	1,384,232	4,395,616
544 Stucco and stucco work.....	6	7,100	8,725	38	.....	15,900	45,265
545 Stuffed birds.....	1	500	200	1	.....	720	1,100
546 Sugar and molasses.....	2	1,300	477	5	.....	800	2,280
547 Sugar evaporators.....	2	11,000	11,060	27	.....	9,456	31,000
548 Sugar moulds.....	3	8,000	29,945	75	.....	22,800	90,000
549 Sugar refining.....	39	9,087,600	34,103,767	3,484	.....	1,358,328	42,143,234
550 Sulphur.....	3	73,000	107,700	22	.....	8,736	133,264
551 Suspenders.....	4	341,200	243,522	143	.....	95,400	633,000
552 Tags.....	1	3,500	4,500	2	15	2,664	10,000
553 Tapes and binding.....	1	60,000	40,400	40	60	26,400	75,000
554 Tar.....	29	6,500	3,895	47	.....	10,284	44,990
555 Teeth, porcelain.....	11	304,000	206,410	92	84	67,704	367,518
556 Terra cotta ware.....	2	11,750	2,345	16	.....	5,760	18,000
557 Thread, linen.....	7	149,795	99,195	92	110	39,248	184,570
558 Timber cutting and timber hewed.....	159	450,483	77,565	1,202	.....	322,792	640,801
559 Tin, copper, and sheet-iron ware.....	3,488	9,079,766	7,699,047	11,156	70	4,056,480	16,718,388
560 Tin foil.....	1	100,000	92,000	30	.....	11,400	120,000
561 Tinned iron ware.....	1	17,000	23,700	66	.....	16,740	50,000
562 Tinner's tools and machines.....	6	100,000	34,743	135	.....	54,600	128,035
563 Tobacco and snuff.....	636	9,494,405	13,024,988	15,869	2,990	3,571,294	21,820,535
564 Torpedoes.....	3	2,200	828	.....	11	1,920	4,275
565 Toy books and games.....	1	38,000	30,000	15	30	8,400	70,000
566 Toys.....	10	47,000	37,130	65	51	32,928	104,000
567 Toys, tin.....	1	2,000	3,505	9	6	3,360	10,000
568 Trunk and carpet bag frames.....	3	28,500	27,976	105	.....	9,420	53,500
569 Trunks, carpet bags, and valises.....	151	935,800	1,380,444	1,793	299	692,572	2,836,969
570     seamen's chests.....	1	2,000	900	2	.....	792	2,800
571 Trusses, bandages, and supporters.....	18	28,300	29,440	38	50	25,488	77,860
572 Truss hoops.....	2	550	542	3	.....	1,200	2,300
573 Turning, ivory and bone.....	19	80,550	120,155	293	14	88,608	253,204
574 Turning, scroll sawing, and moulding.....	253	988,328	836,484	1,667	.....	585,740	2,084,325
575 Turpentine—Crude.....	1,082	957,648	250,094	2,102	6	394,968	986,366

## MANUFACTURES, TOTALS OF, 1860.

MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
576 Turpentine—Distilled .....	596	\$4, 007, 258	\$4, 320, 519	4, 032	135	\$760, 412	\$6, 423, 379
577 Type and type and stereotype founding .....	32	1, 113, 600	357, 600	795	312	416, 404	1, 276, 570
578 Type, wooden .....	2	26, 500	5, 000	32	7	11, 520	25, 000
579 Umbrella furniture .....	6	38, 852	41, 977	163	46	43, 380	134, 100
580 Umbrellas and parasols .....	66	1, 038, 890	2, 015, 623	551	1, 410	433, 980	2, 948, 302
581 Upholstery .....	199	740, 330	1, 705, 634	876	551	425, 452	2, 920, 188
582 Valentines .....	1	7, 000	3, 000	9	.....	2, 160	12, 000
583 Vanes, weather .....	1	1, 500	2, 025	2	.....	1, 200	4, 500
584 Vault lights .....	1	1, 000	4, 900	30	.....	10, 800	40, 000
585 Varnish .....	48	1, 080, 650	1, 549, 413	312	3	126, 024	2, 462, 790
586 Vats .....	1	12, 000	61, 860	18	.....	8, 208	90, 000
587 Veneers .....	25	507, 300	585, 187	192	2	88, 560	1, 021, 700
588 Venetian blinds .....	31	48, 200	49, 747	106	32	42, 384	134, 740
589 Vinegar .....	126	428, 200	411, 273	308	11	107, 340	923, 222
590 Wagons and carts .....	3, 305	4, 591, 968	2, 812, 981	9, 639	2	3, 415, 925	8, 703, 937
591 Washing blue .....	1	500	1, 706	1	.....	288	3, 000
592 Washing machines and clothes dryers .....	29	34, 700	24, 824	85	.....	29, 124	87, 565
593 Watches, watch repairing, and materials .....	94	775, 611	705, 178	710	123	359, 940	1, 524, 700
594 Watch engraving .....	2	2, 200	200	3	.....	1, 728	2, 600
595 Watch guards .....	1	1, 200	2, 400	22	6	2, 736	12, 000
596 Watchmaker's lathes .....	2	1, 700	152	7	.....	2, 400	4, 750
597 Water-closets .....	3	23, 000	34, 920	35	.....	11, 040	55, 300
598 Water lime .....	29	465, 400	291, 798	1, 054	.....	236, 556	928, 292
599 Wax work .....	1	100	100	1	.....	312	600
600 Webbing .....	10	202, 400	131, 216	109	170	63, 492	393, 010
601 Well curbs .....	8	7, 100	10, 670	15	.....	5, 304	29, 830
602 Whalebone and ratan .....	3	69, 000	86, 843	43	7	12, 720	132, 331
603 Whetstones .....	1	15, 000	5, 000	15	.....	2, 400	15, 600
604 Whips, whip-lashes, sockets, and canes .....	71	372, 467	223, 708	720	459	240, 658	852, 150
605 White lead .....	36	2, 453, 147	3, 524, 633	992	2	387, 240	5, 380, 347
606 Whitesmithing .....	4	1, 800	2, 600	8	1	3, 504	10, 000
607 Whitening .....	8	62, 500	37, 678	45	.....	18, 720	195, 600
608 Wigs and hair work .....	44	72, 600	78, 345	98	57	44, 388	237, 012
609 Willow furniture and willow ware .....	26	33, 420	15, 847	91	16	35, 736	82, 245
610 Windlasses .....	1	10, 000	2, 700	2	.....	1, 800	4, 500
611 Windmills .....	5	8, 550	11, 165	27	.....	12, 948	28, 750
612 Window blinds and shades .....	15	23, 950	51, 495	82	1	34, 924	134, 620
613 Wire .....	25	629, 063	1, 133, 205	727	62	279, 540	2, 018, 133
614 Wire cloth .....	7	28, 900	24, 205	36	4	11, 964	45, 485
615 Wired stool .....	1	400	505	1	.....	480	1, 500
616 Wire rope .....	1	100, 000	45, 000	30	.....	14, 400	70, 000
617 Wire work—Sieves and bird cages .....	58	234, 300	214, 450	457	12	120, 060	478, 543
618 Wood cutting .....	1	.....	15, 000	30	.....	4, 680	21, 000
619 Wooden clothes frames .....	1	1, 000	195	4	.....	960	1, 500
620 Wooden door knobs .....	1	1, 200	6, 200	10	.....	3, 600	10, 600
621 Wooden screws .....	5	6, 900	1, 808	14	.....	4, 560	9, 490
622 Wooden ware .....	229	1, 103, 770	835, 273	1, 909	24	619, 062	2, 108, 656
623 Wood work—Miscellaneous .....	10	34, 500	41, 765	59	8	21, 594	106, 250
624 Wool carding and cloth dressing .....	712	1, 080, 985	1, 759, 125	1, 146	130	286, 267	2, 403, 513
625 Wool cleaning and pulling .....	47	510, 900	1, 174, 130	341	12	116, 564	1, 629, 361
626 Woollen goods .....	1, 227	30, 186, 954	35, 652, 701	24, 471	16, 126	9, 616, 593	60, 635, 190
627 Woollen yarn .....	33	675, 700	934, 186	370	393	191, 661	1, 320, 027
628 Worsted goods .....	3	3, 230, 000	2, 442, 775	1, 101	1, 277	543, 684	3, 701, 378
629 Zinc ore .....	2	59, 100	4, 537	52	.....	72, 696	72, 696
630 Zinc, oxide of .....	4	1, 228, 000	138, 690	140	1	51, 720	226, 860
631 Zinc paint .....	1	1, 000, 000	95, 000	100	.....	26, 000	250, 000
Total .....	140, 433	1, 009, 855, 715	1, 031, 605, 092	1, 040, 349	270, 897	378, 878, 966	1, 885, 801, 676