TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

FOR

THE NEW ENGLAND STATES,

(MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Agricultural implements—Miscellaneous	54	$322,800	$245,167	504	.....	$159,645	$636,944
2	Fanning mills	2	1,800	5,568	11	.....	3,984	12,000
3	Grain cradles	3	14,500	7,938	29	.....	9,422	28,100
4	Handles	39	127,350	63,104	201	1	75,624	208,284
5	Handles, plough and other	23	64,750	15,956	55	.....	17,918	54,377
6	Hoes	5	117,500	86,835	163	.....	59,220	224,175
7	Horse powers	2	7,000	3,345	13	.....	3,840	10,000
8	Mowing machines	1	1,000	2,820	5	.....	2,700	16,000
9	Ploughs	16	191,400	196,889	298	.....	111,290	430,970
10	Ploughs and cultivators	10	32,600	18,930	54	.....	17,940	66,445
11	Ploughs, &c	2	5,700	3,425	4	.....	1,512	6,345
12	Ploughs, harrows, &c	9	19,550	15,467	30	.....	9,000	35,985
13	Rakes	38	50,850	18,675	103	.....	29,292	66,824
14	Scythe snaths	4	6,000	9,920	20	.....	7,740	23,800
15	Straw cutters	1	26,000	24,000	30	.....	4,800	50,000
16	Threshers, &c	4	33,000	31,491	57	.....	21,000	64,675
17	Ammunition—Cartridges	2	9,000	6,160	3	12	4,968	13,400
18	Anchors	8	96,000	46,237	71	.....	31,272	106,200
19	Artists' materials	1	3,000	200	1	.....	300	600
20	Ashes, pot	5	2,300	2,103	8	.....	1,956	4,689
21	Ashes, pot and pearl	3	1,490	890	3	.....	720	2,520
22	Axles	5	66,450	114,837	92	.....	35,160	168,000
23	Baking powders and yeast cakes	1	3,000	340	1	8	732	1,000
24	Baskets	27	31,460	17,952	128	1	40,116	74,202
25	Beds, spring	6	7,600	22,987	26	5	12,600	52,000
26	Bellows	1	400	1,180	2	.....	720	2,700
27	Belt clasps and slides	1	4,000	1,150	7	7	2,700	5,000
28	Benzoline	1	100	787	1	.....	240	2,000
29	Billiard tables	4	50,500	27,055	25	.....	12,000	53,500
30	Blacking	3	3,000	11,955	6	.....	2,940	24,090
31	Blacksmithing	768	580,215	416,700	1,596	.....	582,296	1,304,108
32	Blank books	12	118,500	105,158	82	87	46,848	191,758
33	Bleaching and dyeing	24	1,159,630	417,198	1,249	144	410,652	1,625,262
34	Blocks and pumps	38	86,100	55,841	146	.....	64,190	155,275
35	Blocks, pumps, &c	7	28,100	20,205	30	.....	12,360	43,700
36	Boat building	17	11,610	7,345	46	.....	14,284	26,995
37	Bolts, nuts, and washers	1	6,000	5,000	3	.....	960	8,000
38	Bolts, nuts, rivets, &c	4	182,000	120,250	122	.....	3,618	186,300
39	Bolts, nuts, washers, &c	17	369,500	373,147	621	12	213,084	843,350
40	Bonnet frames	1	1,200	1,900	.....	5	1,200	8,000
41	Bookbinders' tools	1	3,000	660	5	.....	1,800	2,625
42	Bookbinding	33	112,750	236,952	219	338	149,732	494,765
43	Bookbinding and blank books	11	68,000	62,246	85	149	51,024	176,700
44	Boot and shoe patterns	2	900	648	4	.....	1,296	3,000
45	Boots and shoes	2,438	10,977,113	27,189,916	52,007	22,282	17,499,136	54,815,948
46	Boxes	27	50,050	36,765	116	3	35,292	126,680
47	Boxes, packing	139	569,990	547,222	663	6	237,519	1,005,751
48	Boxes, paper	37	103,750	141,411	123	313	98,304	325,150
49	Box shooks	5	65,600	104,100	102	.....	34,920	176,750
50	Brass and copper tubing	1	140,000	201,000	45	.....	24,000	250,000
51	Brass and German silver, rolled	10	2,056,000	1,411,610	897	36	339,624	2,334,100
52	Brass cocks	9	155,500	187,298	284	.....	130,824	401,445
53	Brass founding	46	290,050	322,835	277	.....	111,816	607,532
54	Bread	73	257,370	702,365	399	22	136,600	1,092,953
55	Bread, crackers, &c	114	388,700	1,100,234	537	37	212,330	1,659,643
56	Brick	273	709,158	275,153	2,078	7	397,978	975,215
57	Brooms	65	107,140	242,829	217	2	56,396	359,452
58	Brush blocks	1	2,500	500	5	.....	1,500	5,000
59	Brushes	15	89,380	136,628	117	87	61,896	257,070
60	Buttons	37	444,200	311,237	378	615	224,294	823,182
61	Calico engraving	1	100	500	1	1	840	1,400
62	Calico printing	11	1,730,000	1,798,577	2,086	290	608,980	4,332,256
63	Camphene and burning fluid	7	123,000	680,679	26	.....	11,928	849,540

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
64	Candlesticks	1	$5,000	$6,500	8	3	$3,444	$12,000
65	Caps	5	5,600	6,835	1	13	2,808	11,125
66	Caps, &c	7	33,700	22,550	12	48	11,784	54,200
67	Car brakes	1	500	3,100	3	.....	1,200	10,900
68	Card boards	6	8,000	6,136	24	.....	7,620	17,246
69	Cards, hand	3	34,400	28,220	52	9	19,896	181,700
70	Cards, playing	1	20,000	34,000	6	3	3,600	50,000
71	Car linings	2	9,500	4,967	20	.....	7,080	17,160
72	Carpentering	272	692,125	1,122,529	2,008	.....	897,992	2,605,006
73	Carpenters' tools	18	333,800	101,765	317	2	142,296	346,400
74	Carpet cleaning	2	4,200	91,000	6	.....	3,120	112,000
75	Carpets	20	2,716,900	2,214,636	1,052	1,117	542,024	3,352,938
76	Carpet sweepers	1	1,000	2,000	2	2	984	4,000
77	Carriages	772	3,530,715	2,662,313	7,080	114	2,818,426	7,383,104
78	Carriages, children's	18	46,670	43,075	117	18	41,892	124,850
79	Carriage smithing	2	1,500	2,170	5	.....	2,760	6,300
80	Carriage trimmings	5	2,450	5,084	10	.....	4,380	13,270
81	Cars	6	117,500	230,407	297	.....	116,820	463,500
82	Carving	3	6,700	3,100	23	.....	9,540	16,700
83	Carving, ivory	2	3,250	2,500	9	.....	3,960	7,000
84	Carving, ship	2	1,550	1,100	4	.....	2,160	3,750
85	Carving, wood	2	5,100	4,850	7	.....	3,300	8,300
86	Car wheels	1	25,000	8,500	14	.....	6,000	32,000
87	Cement pipe	2	800	750	4	.....	1,212	2,361
88	Chairs	1	1,000	2,000	4	1	1,560	5,000
89	Chalk and crayons	2	5,000	4,775	9	.....	2,700	17,000
90	Charcoal	25	58,880	29,647	133	.....	33,288	80,229
91	Cheese	2	8,000	9,441	4	3	984	13,400
92	Cheese boxes	9	16,700	9,785	21	.....	6,096	24,450
93	Chemical balances	1	300	120	1	.....	480	1,200
94	Chemicals	17	312,200	466,957	205	.....	79,428	659,583
95	Chemicals—Pyroligneous acid	2	5,000	2,721	5	.....	1,536	7,764
96	Chocolate	1	10,000	40,000	7	.....	2,940	50,000
97	Churns	2	2,500	540	4	.....	1,656	2,420
98	Cider	3	900	1,640	3	.....	972	3,650
99	Cider, refined	16	31,900	22,549	35	.....	11,352	40,286
100	Cigar boxes	4	13,000	13,200	10	.....	4,428	22,000
101	Cigars	119	614,600	625,067	1,012	367	460,395	1,509,066
102	Cisterns	2	4,550	2,650	6	.....	2,520	7,650
103	Clocks	17	505,000	446,756	896	40	372,600	1,085,250
104	Clothing—Ladies' cloaks and mantillas	24	115,900	343,205	17	421	83,484	698,361
105	Hoop skirts	27	542,100	1,130,277	554	1,248	432,632	2,287,425
106	Hoop skirts, &c	6	5,000	7,063	8	16	3,600	15,916
107	Clothing—Men's	499	2,719,430	6,266,463	3,095	10,427	2,353,740	11,408,313
108	Shirts, &c	4	3,300	5,993	2	19	3,468	14,122
109	Shirts, collars, &c	31	610,000	753,599	98	3,130	452,724	1,573,550
110	Shirts, furnishing goods, &c	2	8,000	24,860	2	64	6,936	53,800
111	Clothing, oil	3	3,800	8,485	5	6	1,344	10,569
112	Clover hulling	4	2,300	2,726	4	.....	620	3,400
113	Coach lace	3	40,000	24,087	62	16	27,504	78,000
114	Coal	2	35,000	10,000	77	.....	21,600	33,500
115	Coffee and spices, ground	21	160,100	556,379	77	18	35,340	657,735
116	Coffins	47	54,700	43,166	94	2	46,260	136,911
117	Coffin screws	1	10,000	4,200	9	2	3,312	10,520
118	Coffin trimmings	2	2,300	3,235	11	3	2,076	10,000
119	Combs	42	639,000	534,301	636	111	248,772	1,123,984
120	Confectionery	69	270,950	528,660	331	174	147,519	1,024,182
121	Cooperage	199	445,425	377,945	955	.....	345,064	987,173
122	Copper and brass ware	1	60,000	86,540	130	.....	48,000	145,000
123	Copper ore mining	1	150,000	1,900	75	.....	24,000	30,225
124	Copper, rolled	2	1,250,000	1,454,750	260	.....	95,280	1,800,000
125	Copper, sheet and bolt	1	80,000	331,500	40	.....	19,200	425,000
126	Copper smelting	3	330,000	533,117	125	.....	35,600	590,980
127	Coppersmithing	26	326,550	330,229	290	.....	129,252	604,933

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128	Copper work	2	$100,000	$107,450	32	.....	$14,400	$162,000
129	Copying presses	1	5,000	3,000	9	.....	4,320	15,000
130	Cordage	4	44,800	77,655	34	8	9,428	93,500
131	Cordage, hemp and Manilla	30	717,600	1,538,442	725	152	263,096	2,069,816
132	Cork cutting	2	6,000	8,400	11	.....	3,900	20,500
133	Corks	1	5,000	9,000	10	8	2,700	28,000
134	Cotton bags	3	92,700	83,620	113	83	40,380	177,000
135	Cotton batting	37	274,000	473,370	266	32	91,020	747,797
136	Cotton cordage	22	166,300	144,476	133	22	45,240	257,650
137	Cotton gins	2	70,000	28,950	62	.....	34,680	78,600
138	Cotton goods	359	65,947,819	34,559,883	27,584	49,045	15,702,888	73,638,957
139	Cotton lines and twine	21	201,900	211,455	128	118	52,488	344,230
140	Cotton thread	5	281,000	73,548	173	253	84,864	427,148
141	Cotton yarn	24	335,700	399,295	261	305	124,224	698,321
142	Cotton yarns, &c.	59	1,230,000	1,028,990	782	1,066	364,020	1,890,516
143	Cotton yarn, thread, &c.	40	730,860	696,145	451	533	215,796	1,178,281
144	Crucibles, &c.	1	30,000	29,500	12	.....	6,600	40,000
145	Curled hair	1	20,000	10,000	10	.....	3,600	18,649
146	Currier's tools	2	1,800	750	5	.....	2,204	5,197
147	Curtain fixtures	3	4,500	3,850	17	.....	4,200	14,000
148	Curtains	1	2,500	1,200	4	5	1,896	3,500
149	Cutlery	16	744,300	340,705	1,061	33	376,212	1,104,750
150	Dentistry	41	43,300	44,054	58	2	35,796	114,625
151	Dippers, cocoa-nut	1	4,000	3,000	6	.....	2,160	6,000
152	Dress patterns	1	150	150	.....	6	960	3,000
153	Drain tile	1	1,000	90	2	.....	360	600
154	Dyeing and bleaching	5	10,300	14,665	25	15	15,900	53,370
155	Dyestuffs	6	388,000	485,000	197	.....	72,300	660,000
156	Dye woods and dyestuffs	2	13,000	42,178	8	.....	2,760	69,800
157	Eave troughs	1	2,000	2,000	10	.....	3,600	12,000
158	Edge tools	45	664,940	393,348	794	.....	316,860	933,603
159	Edge tools and axes	19	409,400	252,053	453	.....	190,944	649,056
160	Electro-magnetic machines	1	2,000	4,000	4	.....	1,320	8,000
161	Emery and foundry facings	1	20,000	16,000	9	.....	4,320	29,000
162	Engraving—Calico	1	3,000	100	3	.....	1,440	2,500
163	Die sinking, &c.	1	1,000	200	5	2	3,504	6,000
164	Metal	5	6,500	2,671	29	.....	12,876	20,275
165	Plate	6	3,000	3,134	10	.....	5,600	16,525
166	Plate-printing	1	1,200	230	1	.....	480	1,500
167	Wood	1	100	100	1	.....	600	800
168	Envelopes	2	54,000	75,750	23	57	14,808	118,500
169	Essential oils	2	2,100	1,600	3	.....	960	2,680
170	Fans	1	500	640	.....	2	240	1,050
171	Felting	2	10,500	15,430	14	.....	5,520	34,700
172	Fertilizers	8	103,000	113,375	77	.....	25,500	176,796
173	Fertilizers—Bone dust	2	800	625	2	.....	552	1,450
174	Fish guano	1	1,300	350	4	.....	720	1,700
175	Fire-arms	26	2,065,550	167,267	1,127	68	552,552	1,544,000
176	Fire-bomb lances	1	40,000	10,000	12	.....	5,400	50,000
177	Fire-brick	3	28,500	9,825	28	.....	9,024	41,500
178	Fire-engines	2	29,000	47,850	69	.....	29,040	88,500
179	Fireworks	3	16,500	4,626	25	.....	6,540	23,100
180	Fisheries	14	48,000	20,020	245	.....	24,336	64,500
181	Fisheries—Cod, halibut, shad, &c.	145	254,685	61,409	690	.....	143,516	288,589
182	Cod, mackerel, and herring	169	2,520,200	453,778	7,622	20	1,220,439	2,637,604
183	Cod, mackerel, herring, &c.	350	687,001	288,345	3,588	7	368,625	1,008,689
184	Mackerel, &c.	12	34,600	8,950	44	.....	31,692	62,400
185	Oyster	23	115,550	368,880	147	696	141,780	610,450
186	Whale	418	13,284,660	2,781,195	12,253	.....	3,494,680	7,712,305
187	Flour and meal	974	3,777,175	11,293,132	1,527	4	438,837	12,865,501
188	Fly nets	1	10,000	5,000	5	50	9,360	18,000
189	Fur caps	1	700	400	2	.....	600	1,620
190	Fur dressing	2	25,200	58,200	31	15	19,680	110,800
191	Furnaces, hot air, cooking ranges, &c.	11	72,500	167,710	99	.....	49,224	306,250

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
192	Furniture—Cabinet	331	$1,742,725	$1,360,778	3,250	35	$1,180,108	$3,644,686
193	Bedsteads	20	72,400	39,400	181	.....	39,984	164,345
194	Cane splitting	1	108,800	90,000	70	45	37,020	150,000
195	Chairs	95	750,800	546,314	1,523	1,276	694,662	1,591,395
196	Knobs	1	500	200	3	.....	1,200	1,700
197	School	6	56,900	43,990	184	.....	84,360	169,500
198	Furs	13	70,700	235,270	43	49	23,844	375,917
199	Fuse, safety	3	40,000	47,245	14	18	8,880	70,940
200	Gas, illuminating	63	6,100,025	650,813	664	.....	290,388	1,880,373
201	Gas burners	2	7,000	3,805	8	.....	2,590	18,500
202	Gas fixtures	2	1,300	6,025	9	.....	4,260	13,900
203	Gas works, portable	1	7,000	2,600	2	.....	900	4,000
204	Gilt frames, &c.	2	7,800	6,450	16	.....	4,560	16,000
205	Glass cutting	1	1,000	17	2	.....	720	1,200
206	Glass, plate	1	20,000	18,000	15	.....	6,744	30,000
207	Glassware	14	1,699,000	733,726	1,857	127	608,124	2,064,576
208	Gloves	10	24,000	18,240	26	205	28,824	60,285
209	Glue	17	221,500	135,510	87	.....	30,780	222,600
210	Gold and silver refining	4	18,500	230,875	20	.....	7,450	269,500
211	Gold leaf	4	15,000	79,486	17	10	11,700	106,700
212	Granular fuel	3	6,300	755	9	.....	2,406	15,460
213	Gun materials	1	2,200	1,200	4	1	1,764	3,500
214	Gunpowder	12	1,108,000	692,028	248	.....	106,884	1,388,575
215	Hair-cloth	6	30,500	35,325	18	86	21,456	60,500
216	Hair, curled	2	34,000	39,912	17	.....	3,876	51,000
217	Hair jewelry	1	1,000	650	.....	2	600	1,600
218	Hames	10	33,700	19,026	82	.....	28,920	73,800
219	Hardware—Miscellaneous	83	1,732,500	1,376,027	2,596	312	966,336	3,089,519
220	Augers and bits	2	6,200	3,350	13	.....	3,360	13,000
221	Bolts	11	103,000	77,508	99	21	38,916	170,500
222	Blind fastenings	1	2,000	1,200	2	1	900	4,200
223	Butt hinges	2	120,000	42,405	190	.....	57,600	200,000
224	Coach and saddlery	16	335,300	231,126	557	130	210,456	551,560
225	Drills, ratchet	1	1,000	551	6	.....	2,880	5,670
226	Files	8	79,500	56,625	137	4	43,200	146,500
227	Gimlets, auger bits, &c.	3	35,000	15,600	38	.....	15,840	39,300
228	Hammers	2	2,500	1,431	7	.....	2,172	8,600
229	Hinges	3	16,000	33,650	48	5	13,368	56,000
230	Locks	1	25,000	25,000	80	3	17,700	100,000
231	Locks, knobs, &c.	7	441,000	307,006	611	51	283,164	733,000
232	Machine knives	3	43,500	21,449	27	.....	16,800	48,000
233	Piano-forte	4	24,000	10,965	38	.....	14,936	39,050
234	Planes	7	10,800	8,020	36	.....	14,484	41,800
235	Planes, rules, and bevels	9	223,000	82,863	347	13	96,864	291,900
236	Rules	1	3,000	475	3	.....	720	3,000
237	Rules and squares	1	8,000	300	6	.....	2,448	6,240
238	Screws	5	1,183,000	474,535	442	400	337,320	1,248,700
239	Skates	4	33,500	15,489	65	15	25,296	78,050
240	Spirit levels	1	3,000	4,500	6	.....	2,880	13,000
241	Spring and sash locks	1	2,000	1,180	4	.....	1,200	2,800
242	Squares	1	30,000	18,000	40	.....	12,000	35,000
243	Tacks	2	102,000	36,548	85	23	37,248	126,864
244	Tacks, brads, &c.	22	80,300	120,073	91	110	67,796	218,650
245	Traps	2	3,500	2,420	10	.....	3,600	9,000
246	Hats	91	974,100	1,886,927	1,847	824	931,014	3,805,106
247	Hats, palm leaf	30	80,600	351,188	186	690	169,068	760,287
248	Hat tips	1	500	800	3	.....	1,056	2,500
249	Hay, pressed	5	3,755	27,306	5	.....	1,164	33,449
250	Hooks and eyes	5	139,800	66,490	60	57	34,824	194,200
251	Horseshoe nails	8	7,700	11,502	35	.....	12,240	26,720
252	Horseshoes	5	6,900	10,450	30	.....	12,228	32,400
253	Hosiery	47	1,534,700	1,092,358	815	1,350	487,440	2,374,242
254	Husks, prepared	4	8,800	8,600	31	.....	9,948	28,075
255	Ice	20	221,500	5,285	770	.....	26,333	143,975

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
256	India-rubber goods	16	$1,984,000	$2,064,341	905	315	$414,476	$3,325,700
257	Ink, printing	2	10,700	31,012	10	.....	3,864	52,300
258	Ink, writing	1	2,000	6,000	3	.....	1,200	10,000
259	Instruments—Mathematical	4	30,000	24,750	35	.....	16,980	68,500
260	Mathematical and philosophical	1	2,000	905	6	.....	2,400	6,000
261	Philosophical	1	2,000	910	4	.....	1,800	3,100
262	Surgical	1	15,000	855	5	.....	2,100	10,000
263	Surveying	1	1,000	162	2	.....	840	1,700
264	Telegraphic	1	20,000	9,000	15	1	6,840	20,000
265	Iron, bar, &c.	1	100,000	220,250	250	.....	84,000	388,650
266	Iron, bar, rod, and railroad	5	189,000	127,280	159	.....	63,480	275,500
267	Iron, bar and sheet	1	25,000	47,800	10	.....	3,600	63,250
268	Iron, bar, sheet, and railroad	7	979,300	1,972,300	879	.....	371,400	2,634,000
269	Iron blooms	3	23,000	38,550	28	.....	10,280	54,000
270	Iron castings	173	2,418,000	1,835,913	3,388	10	1,219,571	4,202,690
271	Iron castings, malleable	11	171,000	136,265	342	4	127,404	355,500
272	Iron castings, stoves	40	650,800	447,796	951	.....	408,423	1,141,130
273	Iron forging	10	568,500	233,894	437	.....	511,500	736,700
274	Iron gas and water pipe	8	121,000	259,030	216	.....	99,388	452,000
275	Iron gas pipe, &c.	3	70,000	55,910	97	.....	30,600	115,000
276	Iron ore	9	238,000	18,595	168	.....	43,428	121,500
277	Iron ore washing	1	5,000	15,125	2	.....	708	17,875
278	Iron, pig	14	716,000	462,265	786	.....	236,964	814,000
279	Iron railing	14	64,600	86,202	95	.....	36,924	181,705
280	Iron shafting	1	20,000	59,000	40	.....	18,720	86,500
281	Iron steamships	1	190,000	585,050	300	.....	140,400	914,700
282	Iron work, for buildings	1	8,000	18,728	40	.....	18,000	40,000
283	Iron work, ornamental	2	20,500	18,375	61	.....	24,420	76,204
284	Isinglass	1	5,000	667	16	.....	1,920	3,750
285	Jack-screws, &c.	1	4,500	760	2	.....	960	2,350
286	Japanned ware	2	8,000	6,400	22	.....	10,800	19,500
287	Jewellers' dies	2	1,000	450	4	.....	1,524	2,900
288	Jewellers' presses and machinery	1	1,000	368	3	.....	720	1,440
289	Jewelry	48	624,575	616,617	927	105	433,716	1,571,281
290	Jewelry—Enamelled	1	300	280	1	2	1,032	8,000
291	Gold chains, &c.	77	1,112,900	916,297	1,498	263	697,692	2,251,282
292	Gold pens	4	23,750	33,570	59	10	29,436	87,100
293	Gold spectacles, &c.	19	112,600	110,627	109	.....	48,060	195,124
294	Jewelry boxes	1	1,000	2,100	4	6	2,000	4,000
295	Jewelry cases	1	750	600	1	.....	720	1,775
296	Kindling wood	1	3,000	4,500	5	.....	2,100	8,000
297	Ladders	1	2,500	1,000	6	.....	1,920	6,000
298	Lampblack	3	500	540	4	.....	960	2,200
299	Lamps	2	13,000	15,618	41	5	10,776	40,000
300	Lamp trimmings	1	25,000	51,750	70	9	34,488	100,000
301	Lapidaries' work	3	8,800	6,404	15	.....	6,000	19,750
302	Lasts	6	7,300	3,540	20	.....	8,640	17,250
303	Lasts and boot trees	39	122,155	46,453	238	.....	64,504	275,514
304	Lasts, &c.	2	1,800	4,080	6	.....	2,280	8,880
305	Laundry work	1	2,600	800	1	20	3,240	5,600
306	Lead	1	2,500	15,000	4	.....	1,500	18,000
307	Lead pipe, sheet lead, &c.	1	60,000	186,232	9	.....	3,744	219,349
308	Leather	693	6,526,408	11,849,854	4,943	4	1,776,812	17,277,437
309	Leather, morocco	43	586,700	910,447	587	89	230,942	1,592,600
310	Leather belting and hose	18	366,500	591,782	193	25	75,168	932,300
311	Leather belting, &c.	8	20,000	45,835	24	.....	9,612	67,090
312	Lightning-rods	2	3,000	1,694	3	.....	1,296	7,000
313	Lime	79	232,600	562,721	460	.....	172,308	812,515
314	Linen goods	3	490,000	228,575	159	167	73,800	515,000
315	Liquors—Distilled	22	539,000	1,314,995	112	.....	52,340	1,592,370
316	Malt	39	477,720	472,331	219	2	88,740	903,974
317	Wine	5	8,000	6,220	11	.....	3,192	14,100
318	Lithographing	2	9,500	5,160	17	6	9,900	17,500
319	Lithography	2	10,500	2,275	24	.....	10,404	19,000

MANUFACTURES. TOTALS OF. 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
320	Locomotives	4	$241,000	$452,704	534	.....	$172,848	$805,900
321	Locomotives, &c	5	533,000	308,850	750	.....	280,080	643,000
322	Looking-glass and picture frames	30	95,883	140,753	163	.....	67,890	273,334
323	Lumber, planed	100	724,710	1,760,717	536	.....	197,920	2,277,152
324	Lumber, sawed	2,458	7,779,017	7,288,082	7,990	14	2,335,194	11,574,180
325	Machinery, cotton and woollen—Miscellaneous	38	1,409,500	965,699	2,638	6	1,014,172	2,671,882
326	Bobbins	3	10,000	960	16	3	5,100	9,380
327	Bobbins and spools	29	109,400	58,862	298	15	76,292	213,327
328	Card clothing	13	200,900	373,605	100	17	50,736	500,200
329	Fliers	2	3,700	1,320	29	.....	4,960	8,080
330	Harness, reeds, &c	6	14,100	22,705	13	37	10,680	42,450
331	Knitting machines	2	2,100	1,924	27	.....	10,200	20,740
332	Loom harness	1	1,000	2,675	2	40	5,424	9,900
333	Loom pickers	2	20,000	18,120	14	.....	4,676	34,200
334	Looms	1	20,000	21,000	60	.....	24,000	75,000
335	Reeds and harness	3	3,700	3,810	5	32	4,304	9,020
336	Reeds, harness, and shuttles	15	48,800	42,401	75	110	37,324	94,850
337	Reeds, looms, and harness	5	30,600	30,537	40	118	30,576	80,600
338	Ring travellers	1	2,500	1,700	3	.....	1,872	4,000
339	Ring travellers and belt hooks	1	3,000	3,000	4	.....	1,800	5,800
340	Roll covers	1	300	1,437	2	.....	720	2,200
341	Spinning-wheels	4	4,600	1,890	14	.....	5,616	11,150
342	Spools	6	17,700	5,430	42	.....	10,812	23,250
343	Top rolls	5	8,600	9,870	10	2	3,864	20,500
344	Machinery—Paper	3	45,000	13,675	33	.....	14,232	41,400
345	Silk	2	8,000	2,550	17	.....	5,880	12,756
346	Machinery, steam-engines, &c	275	6,219,505	2,745,889	5,979	8	2,544,412	7,542,612
347	Machinery—Stump machines	1	900	3,160	8	.....	3,360	7,210
348	Turbine wheels	1	10,000	20,075	25	.....	9,600	51,700
349	Wood working	2	34,000	28,000	78	.....	38,400	135,000
350	Machinist's tools	11	162,300	73,409	176	.....	80,892	237,200
351	Magnesia	1	2,500	2,600	3	.....	1,440	6,270
352	Maps	3	63,000	24,480	20	2	15,360	75,500
353	Marble and stone work	115	348,000	231,309	688	.....	274,374	689,379
354	Marble quarrying	23	714,550	41,652	645	.....	199,128	838,046
355	Marble work	117	962,300	845,340	1,112	11	377,909	1,690,800
356	Mast hoops and hanks	3	2,250	990	9	.....	3,240	6,380
357	Masts and spars	15	117,100	73,495	87	.....	44,592	166,845
358	Matches	27	92,700	93,600	94	230	64,466	231,485
359	Mats	3	1,800	5,180	25	.....	3,904	9,250
360	Medicines, extracts, &c	43	801,950	481,032	205	87	103,252	932,427
361	Metal cocks and faucets	1	20,000	10,500	15	.....	4,200	30,000
362	Metal, prepared	1	200,000	190,300	20	.....	9,600	240,000
363	Metal, white	1	200	835	2	.....	900	2,500
364	Military caps, &c	2	4,500	11,200	17	4	11,460	32,500
365	Military goods	1	12,000	9,700	12	5	4,384	30,000
366	Milk, condensed	1	24,000	25,000	9	1	3,300	48,000
367	Millinery	146	214,650	363,636	34	778	150,540	765,998
368	Millinery goods	1	1,500	1,056	.....	10	1,200	2,400
369	Mills, portable grist	1	14,000	17,000	18	.....	7,200	48,000
370	Millstones	1	500	1,800	3	.....	1,200	3,500
371	Millstones, burr	1	20,000	7,000	6	.....	3,000	12,000
372	Millwrighting	3	4,500	5,650	14	.....	5,280	13,600
373	Mineral water	6	50,000	35,788	57	.....	21,540	132,454
374	Mineral water, &c	4	6,800	4,400	13	.....	4,020	15,216
375	Mittens, buckskin	1	925	421	1	2	600	2,760
376	Money drawers	1	600	540	8	.....	2,900	16,800
377	Musical instruments—Miscellaneous	11	78,100	24,967	93	.....	41,090	99,710
378	Calliopes	1	3,000	1,630	5	.....	3,000	8,000
379	Drums	1	5,000	1,530	13	.....	3,600	9,000
380	Melodeons	21	103,400	49,730	147	.....	75,276	189,895
381	Organs	8	85,500	66,005	109	.....	59,640	168,050
382	Piano-fortes	25	957,000	579,563	872	3	593,892	1,628,050
383	Musical reeds	1	6,000	3,610	15	.....	7,800	18,500

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
384	Nails	4	$354,200	$226,850	237	.....	$94,860	$363,000
385	Nails and spikes	40	1,781,500	2,115,694	2,068	135	751,248	3,326,321
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	Nickel ore	1	25,000	1,000	5	.....	880	5,000
389	Oakum	6	51,000	77,840	54	.....	14,256	112,400
390	Ochre	1	1,500	420	2	.....	480	1,080
391	Oil-cloths	9	131,000	414,630	245	1	71,472	604,366
392	Oil—Cotton-seed	1	150,000	90,000	40	.....	15,600	118,000
393	Fish	5	25,300	16,000	36	.....	13,380	33,000
394	Kerosene	9	517,000	817,594	281	.....	121,524	1,697,550
395	Lard	5	42,700	233,500	21	.....	7,320	278,650
396	Linseed	8	431,100	869,405	112	5	47,664	1,048,460
397	Neat's-foot	2	5,500	6,383	3	.....	1,320	9,460
398	Purified	1	4,000	25,500	3	.....	1,260	36,000
399	Refined	3	39,500	89,600	18	.....	7,968	135,770
400	Refined whale	1	5,000	6,804	1	.....	480	7,076
401	Rosin	5	90,000	34,301	23	.....	7,920	70,780
402	Sperm	3	89,500	145,100	15	.....	6,600	232,000
403	Water	1	6,000	15,800	3	.....	1,440	20,000
404	Whale	23	1,113,401	3,639,121	166	.....	65,040	4,087,650
405	Oil and enamelled cloth	3	68,000	260,245	135	3	43,908	320,000
406	Oil floor cloths	2	30,000	49,900	30	.....	10,968	91,600
407	Organ pipes	3	6,300	5,510	14	.....	6,816	14,200
408	Painting	98	116,200	132,524	332	10	144,936	333,990
409	Painting and glazing	4	2,650	1,003	6	.....	1,968	3,650
410	Paint mills	1	4,000	1,242	4	.....	1,920	6,000
411	Paints	8	123,500	231,660	69	.....	22,332	362,500
412	Paper—Boards	1	3,000	580	5	.....	1,200	2,000
413	Card board	1	15,000	9,993	4	4	2,244	20,000
414	Colored, &c	1	30,000	60,000	15	30	11,040	100,000
415	Perforated	1	1,500	450	2	.....	960	2,735
416	Printing	8	269,000	216,533	94	76	47,184	420,614
417	Printing and wrapping	14	519,100	535,539	223	183	100,834	949,675
418	Printing and writing	89	4,618,160	4,261,581	1,651	2,254	961,104	7,190,593
419	Straw boards	13	83,400	24,070	79	6	24,024	74,475
420	Wrapping	76	994,300	798,619	636	158	227,200	1,741,977
421	Paper clay	1	10,000	1,000	6	.....	1,872	7,500
422	Paper hangings	6	82,600	72,200	63	22	27,456	142,200
423	Patterns and models	19	19,600	11,471	72	.....	35,544	67,110
424	Perfumery and fancy soaps	3	10,800	12,009	6	6	3,616	26,000
425	Photographic materials	5	73,000	94,750	157	167	82,008	255,480
426	Photographs	58	60,400	49,871	103	13	51,936	143,895
427	Piano and melodeon cases	6	48,000	30,775	79	2	36,600	98,400
428	Piano and melodeon keys	2	29,000	44,600	40	.....	28,680	80,500
429	Piano and melodeon legs	3	48,000	43,700	75	.....	33,600	89,000
430	Piano-forte cases	1	4,900	1,972	7	.....	2,420	8,750
431	Piano-forte keys	2	32,500	34,500	12	3	19,464	56,736
432	Pins	4	227,000	213,772	63	110	48,660	324,500
433	Pipe tongs	1	1,000	1,450	5	.....	2,400	5,000
434	Plaster, ground	42	80,750	70,988	92	.....	21,124	119,184
435	Plaster statuary	4	3,200	3,570	13	.....	4,824	13,200
436	Plastering, ornamental	3	3,000	6,612	16	.....	9,480	19,500
437	Plugs and wedges	1	2,500	300	4	.....	960	3,000
438	Plumbago, black and silver lead	2	101,600	16,853	48	.....	15,000	53,000
439	Plumbing	21	43,400	91,072	104	.....	41,844	158,771
440	Pocket-books, portemonnaies, &c	8	35,950	127,160	42	147	37,008	175,275
441	Pocket-books, wallets, &c	2	700	4,900	3	6	1,560	7,250
442	Pottery materials	1	3,000	15,000	12	.....	2,880	18,000
443	Pottery ware	43	174,825	79,210	288	.....	113,604	291,863
444	Powder flasks and percussion caps	5	175,500	111,615	121	64	51,640	255,000
445	Printing—Book and job	78	854,500	963,226	1,014	242	425,616	1,809,496
446	Newspaper, &c	200	1,747,900	1,063,922	1,546	211	714,254	2,611,905
447	Printing presses	2	226,000	37,355	135	.....	64,600	124,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
448	Provisions—Pork, &c.	4	$13,500	$114,125	12	.....	$4,344	$125,677
449	Pork, beef, &c.	16	103,066	131,267	53	4	21,444	253,110
450	Preserved fish	6	61,000	89,700	63	28	11,896	148,500
451	Preserved fruits, &c.	4	74,200	126,951	48	45	25,056	184,750
452	Tripe, &c.	2	350	1,000	2	.....	600	1,731
453	Pump logs	1	3,000	1,000	2	.....	624	3,000
454	Pumps	14	270,900	116,327	192	.....	79,796	264,450
455	Putty	1	500	2,100	1	.....	360	2,630
456	Razor strops	6	9,700	13,082	21	9	8,244	34,500
457	Refrigerators, &c.	1	1,000	927	2	1	1,140	3,000
458	Regalia	1	500	500	1	.....	240	900
459	Ribbon looms	1	2,000	2,850	10	.....	4,800	15,000
460	Rigging	13	31,400	136,558	127	.....	61,428	224,850
461	Roofing—Composition	10	24,400	57,032	52	.....	23,808	108,500
462	Mastic	2	1,500	10,335	6	.....	1,584	19,000
463	Slate and metal	1	12,000	57,600	20	.....	9,600	70,000
464	Saddlery and harness	354	657,235	1,139,647	1,656	162	599,904	2,089,885
465	Saddle-trees	12	17,450	34,980	105	12	45,672	100,150
466	Sad irons	1	30,000	33,200	120	.....	31,200	100,000
467	Safes—Cheese	1	3,000	2,500	2	.....	720	4,000
468	Fire-proof	7	157,000	137,408	125	.....	51,592	304,465
469	Sails	78	169,125	409,367	309	.....	132,240	627,912
470	Salt	14	31,225	9,020	24	1	7,572	21,832
471	Salt, ground	5	62,500	46,116	19	13	9,372	91,500
472	Saltpetre and nitrate of soda	1	3,000	18,000	2	.....	1,032	23,500
473	Sash, doors, and blinds	201	987,125	825,772	1,556	.....	526,933	1,897,158
474	Saws	8	238,400	109,640	105	3	58,572	258,400
475	Scales	3	430,000	202,600	326	.....	135,600	690,000
476	Scales and balances	2	4,300	3,520	8	.....	3,576	9,000
477	School apparatus	2	3,200	2,560	13	3	5,616	12,000
478	School slates	2	14,000	6,110	27	4	10,080	28,000
479	Scythes	17	392,000	165,990	383	.....	138,528	431,313
480	Scythe stones	7	4,300	1,401	21	.....	6,720	12,060
481	Sewing birds	1	12,000	8,850	10	2	4,560	17,000
482	Sewing machine needles	7	31,200	15,425	90	18	39,024	71,266
483	Sewing machines	22	764,350	275,776	1,314	8	716,940	2,506,300
484	Shingle machines	1	4,000	400	2	.....	900	1,600
485	Shingles	187	188,400	121,227	356	2	82,303	263,301
486	Ship and boat building	92	630,600	762,573	1,524	.....	613,348	1,896,705
487	Ship building	49	605,750	637,402	1,053	.....	415,188	1,183,814
488	Ship smithing	41	82,200	86,535	165	.....	75,144	215,427
489	Shoddy	4	12,500	23,090	18	6	5,084	42,600
490	Shoddy, &c.	13	39,800	92,786	55	52	22,140	148,120
491	Shoe and boot tips	1	25,000	31,400	15	.....	8,184	149,740
492	Shoe binding	1	900	1,475	3	.....	840	2,200
493	Shoe findings	2	22,500	13,285	17	.....	6,312	31,000
494	Shoe nails	5	10,300	36,950	26	2	8,964	54,350
495	Shoe peg machines	2	4,000	980	13	.....	7,200	16,000
496	Shoe pegs	22	83,000	28,668	150	32	50,344	143,678
497	Shoe peg wood	1	2,000	2,500	4	.....	2,880	17,000
498	Shoemakers' tools	30	107,250	43,808	261	1	86,136	227,984
499	Shoe strings	2	2,500	2,650	7	5	3,036	7,040
500	Shovels and spades	1	2,000	14,250	6	.....	2,160	20,000
501	Shovels, forks, and hoes	11	328,800	480,560	578	.....	205,320	777,048
502	Shovels, forks, &c.	8	46,000	90,472	116	.....	33,144	129,750
503	Show cases	2	1,500	1,175	9	.....	4,200	16,500
504	Sieve hoops	2	9,000	1,300	7	.....	2,208	5,850
505	Silk and fancy goods	1	25,000	77,450	3	50	12,168	118,000
506	Silk fringes, trimmings, &c.	15	182,700	345,720	161	327	124,400	599,100
507	Silk, sewing	21	966,900	825,720	231	851	132,036	1,259,880
508	Silk, sewing, twist, &c.	4	123,000	391,800	70	170	55,152	579,950
509	Silver-plated and Britannia ware	33	1,019,000	1,205,050	1,332	156	545,988	2,363,135
510	Silver-plated ware	6	18,800	86,390	17	.....	8,208	101,780
511	Silver plating	4	11,800	16,355	30	2	13,964	34,600

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
512	Silver spectacles and thimbles	6	$21,600	$56,300	40	5	$18,156	$103,400
513	Silver ware	22	474,300	433,519	347	3	155,772	754,900
514	Skirt supporters	2	4,500	4,300	11	10	4,368	15,000
515	Slate quarrying	14	152,400	31,650	287	2	91,644	207,150
516	Soap and candles	130	867,700	1,725,553	536	25	192,694	2,504,734
517	Soapstone	4	10,900	9,685	15	.....	6,840	19,600
518	Speaking tubes	1	400	460	2	.....	960	2,000
519	Splints	1	6,000	1,720	6	.....	2,400	6,000
520	Spokes, hubs, and felloes	68	341,335	208,166	411	.....	180,172	554,374
521	Springs	1	2,000	3,100	4	.....	1,200	5,000
522	Springs—Carriage	15	351,600	578,353	513	.....	208,416	968,325
523	Spiral	2	23,300	51,489	20	.....	8,280	65,000
524	Stair building	18	41,100	45,443	104	.....	44,226	132,535
525	Starch	91	262,360	314,346	208	4	50,040	469,772
526	Stationery—Inkstands, &c.	3	25,000	7,890	19	11	11,760	32,000
527	Lead pencils	3	2,500	2,285	11	6	4,920	12,900
528	Penholders	2	1,500	1,390	11	1	2,352	22,650
529	Staves, shooks, and heading	108	353,524	268,937	539	.....	155,207	571,251
530	Steam and gas fittings	3	23,000	6,645	29	.....	15,660	29,300
531	Steam and gas valves, fittings, &c.	6	140,900	101,034	300	30	75,792	337,000
532	Steam heaters	2	50,500	7,980	18	.....	10,440	83,000
533	Steam heating apparatus	1	30,000	9,775	5	.....	2,400	20,000
534	Stencils	1	300	300	2	.....	900	1,800
535	Stencil tools	1	7,000	2,120	12	.....	3,120	35,000
536	Stereotyping	1	5,000	500	6	.....	2,880	4,000
537	Stone quarrying	67	1,185,675	121,413	1,524	.....	549,436	1,025,454
538	Stone work	25	282,875	153,653	660	.....	290,656	522,097
539	Stone polish	4	7,500	8,700	13	8	5,712	27,650
540	Straw bonnet bleaching	3	2,500	3,170	23	27	12,228	18,500
541	Straw goods	33	1,194,900	2,477,116	777	6,614	1,353,564	4,294,816
542	Stucco	2	2,600	5,600	18	.....	7,680	16,500
543	Stucco work	1	1,000	1,875	6	.....	1,200	3,275
544	Sugar, refined	3	830,000	2,895,500	310	.....	101,760	4,123,807
545	Sugar refining	1	400,000	1,215,000	200	.....	72,000	1,350,000
546	Suspenders	3	340,000	242,792	142	339	94,980	630,000
547	Tallow rendering	2	33,000	144,500	32	.....	11,520	182,800
548	Teeth, porcelain	2	21,000	10,375	10	13	5,760	51,000
549	Telescopes	1	3,000	580	4	.....	2,880	5,000
550	Timber cutting	32	251,600	25,986	765	.....	230,464	415,998
551	Tin, copper, and sheet-iron ware	511	1,437,850	1,238,704	1,754	52	680,750	2,581,468
552	Tinners' tools and machines	5	99,000	33,555	130	.....	52,500	124,535
553	Torpedoes	3	2,200	828	.....	11	1,920	4,275
554	Toys	2	28,000	22,000	30	28	19,560	62,000
555	Trunks, valises, &c.	22	107,800	320,188	183	72	88,320	514,890
556	Trusses and supporters	6	9,300	8,957	15	34	11,820	29,110
557	Trusses, supporters, &c.	1	300	320	3	.....	1,440	4,000
558	Turning, scroll-sawing, and moulding	33	104,880	51,615	131	.....	54,768	145,515
559	Turning, wood	1	1,000	900	2	.....	720	1,875
560	Type and stereotype founding	6	97,500	37,287	105	61	55,836	176,770
561	Type, wooden	2	26,500	5,000	32	7	11,520	25,000
562	Umbrellas and parasols	11	42,500	43,417	19	47	16,500	91,536
563	Upholstering	5	43,400	134,141	38	20	20,556	205,740
564	Upholstery	22	187,200	500,451	273	69	126,036	910,643
565	Vanes, weather	1	1,500	2,025	2	.....	1,200	4,500
566	Varnish	11	197,200	371,208	87	3	34,056	567,900
567	Veneers	7	94,200	159,255	34	.....	15,192	250,500
568	Vinegar	14	50,550	53,974	33	10	11,076	89,563
569	Wagons, carts, &c.	213	266,725	155,745	512	.....	201,102	490,183
570	Washing machines	2	11,500	7,490	20	.....	7,440	18,000
571	Washing machines and clothes dryers	5	4,600	2,523	8	.....	3,144	9,830
572	Watch cases	1	3,000	15,635	8	4	4,800	25,000
573	Watches	3	385,500	48,450	191	100	133,680	348,900
574	Well curbs	1	1,000	1,900	5	.....	1,800	9,600
575	Whalebone	1	10,000	32,000	6	1	1,800	38,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
576	Whip lashes	2	$5,300	$3,300	6	22	$3,120	$8,700
577	Whips and canes	29	237,550	106,580	468	340	163,466	578,000
578	White lead	2	122,000	411,800	66	2	28,680	530,000
579	Whitesmithing	4	1,800	2,600	8	1	3,504	10,000
580	Whiting	1	4,000	5,000	6	.....	2,400	8,000
581	Wigs and hair work	4	10,000	7,500	8	7	4,236	13,900
582	Willow ware	2	11,000	2,375	32	10	14,760	24,000
583	Wind mills	1	4,500	5,140	14	.....	5,520	12,500
584	Window shades	4	2,800	10,230	12	.....	5,520	20,360
585	Wire	3	40,000	29,130	39	.....	10,848	52,926
586	Wire, bonnet	2	3,000	6,180	4	3	1,572	15,450
587	Wire, crinoline	1	4,000	2,050	1	.....	480	4,000
588	Wire for hoop skirts	3	26,000	209,800	54	31	25,680	301,900
589	Wire cloth	2	13,000	5,780	14	.....	4,464	13,000
590	Wire drawing	9	357,000	684,075	481	28	176,940	1,237,600
591	Wire work	7	36,300	33,466	54	10	21,060	78,300
592	Wooden screws	3	5,400	1,540	10	.....	3,120	7,440
593	Wooden ware	161	599,700	399,858	1,102	11	347,198	1,013,387
594	Wood work—Miscellaneous	5	20,500	28,590	38	8	14,370	76,250
595	Ladders and steps	1	7,000	1,800	6	.....	2,160	4,500
596	Wool carding	64	85,500	137,151	85	67	23,484	179,999
597	Wool cleaning, &c.	10	94,000	290,490	79	2	28,976	398,625
598	Woollen goods	365	18,077,753	23,978,431	14,470	10,350	5,953,186	39,458,471
599	Woollen yarn	33	675,700	934,186	370	393	191,661	1,320,027
600	Wool pulling	5	130,000	175,000	32	.....	13,152	267,166
601	Worsted goods	3	3,230,000	2,442,775	1,101	1,277	543,684	3,701,378
602	Zinc, oxide of	2	18,000	31,690	10	1	4,920	39,860
	Total	20,671	257,477,783	245,523,107	262,834	129,002	104,231,472	468,599,287

TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

FOR

THE MIDDLE STATES,

(NEW YORK, NEW JERSEY, PENNSYLVANIA, DELAWARE, MARYLAND, AND DISTRICT OF COLUMBIA.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Agricultural implements—Miscellaneous	319	$2,001,307	$915,887	2,578	.....	$805,567	$2,863,006
2	Fanning mills	31	81,425	29,574	112	.....	35,896	123,852
3	Grain cradles and scythe snaths	26	51,075	24,641	93	.....	28,612	95,140
4	Handles	21	29,430	18,688	63	.....	17,794	53,211
5	Horse-powers	69	216,250	117,766	338	.....	108,144	342,379
6	Mowers and reapers	32	646,350	527,493	941	.....	298,968	1,203,625
7	Ploughs and cultivators	126	519,429	260,282	582	.....	201,422	673,922
8	Rakes	30	34,850	9,713	61	.....	16,728	38,144
9	Threshers and separators	24	392,000	122,189	345	1	121,365	397,945
10	Alcohol	11	656,000	2,412,282	149	.....	60,024	2,685,000
11	Ammunition	3	108,500	68,850	98	6	35,340	147,500
12	Anchors	1	3,000	4,125	6	.....	1,872	6,000
13	Anchors and chains	1	12,000	6,800	8	.....	3,600	16,000
14	Anvils and vices	2	20,000	11,916	26	.....	11,640	38,300
15	Aquariums	1	2,000	3,600	3	.....	1,200	5,500
16	Artificial eyes	1	4,000	590	2	.....	1,800	6,000
17	Artificial limbs	5	35,000	10,050	35	4	23,544	53,000
18	Artists' materials	7	11,500	11,766	37	5	15,200	44,200
19	Ashes, pot and pearl	67	73,270	101,281	132	5	31,814	173,206
20	Automaton pressmen	1	1,700	1,700	3	.....	1,200	6,000
21	Awnings, tents, &c	14	25,200	41,126	54	15	23,892	95,400
22	Axles	5	76,500	25,300	44	.....	14,844	58,509
23	Bags	4	14,700	51,385	15	13	5,796	95,495
24	Baking and yeast powders	1	2,500	600	1	.....	480	1,200
25	Bank locks	1	25,000	14,000	18	.....	5,760	39,000
26	Barilla	1	30,000	25,000	10	.....	4,848	54,800
27	Bark, ground	36	80,000	83,270	64	.....	15,968	154,403
28	Barley, pearl	3	18,000	41,500	9	.....	3,300	53,000
29	Barytes	1	5,000	5,000	40	.....	12,000	25,000
30	Baskets	42	71,325	39,903	216	37	70,002	159,545
31	Bath tubs	1	20,000	42,600	50	.....	12,000	62,000
32	Bead work	8	24,200	15,911	3	37	6,624	25,749
33	Beds, spring	7	21,200	79,654	18	5	7,668	243,900
34	Beehives	4	8,300	2,191	12	.....	3,900	8,950
35	Bellows	9	21,600	46,135	46	.....	17,088	108,350
36	Bells	1	17,500	23,400	6	.....	2,004	40,000
37	Bells, cow, &c	3	58,000	107,319	37	.....	13,500	158,200
38	Belts, children's	1	60,000	185,000	4	166	20,925	450,000
39	Billiard cues	2	4,000	3,600	4	.....	1,380	12,000
40	Billiard and bagatelle tables	6	57,700	127,482	141	.....	63,120	281,650
41	Billiard tables	2	1,400	550	5	.....	2,496	3,500
42	Blacking	6	170,700	167,490	56	84	31,084	245,300
43	Blacking and water-proof composition	5	5,650	6,778	5	4	2,208	22,800
44	Blacksmithing	3,084	1,909,278	1,318,523	6,148	.....	1,757,998	4,414,282
45	Blacksmiths' tools	1	500	625	2	.....	864	1,800
46	Blank books	6	35,000	28,145	51	19	20,496	69,772
47	Bleaching	2	115,000	22,600	58	13	22,224	94,000
48	Blinds and shades	9	20,600	39,340	65	1	26,404	99,320
49	Block letters	4	12,700	5,623	33	1	15,936	21,547
50	Blocks and pumps	48	127,850	65,570	170	.....	63,426	286,722
51	Blocks and spars	2	2,500	2,900	7	.....	2,544	9,400
52	Bolts, nuts, and rivets	17	416,300	297,590	514	.....	137,652	749,475
53	Bolts, nuts, washers, &c	7	71,000	43,748	94	.....	28,920	108,300
54	Bolts, nuts, washers, and rivets	4	17,800	29,550	31	.....	10,200	54,110
55	Bone-black	5	138,000	125,750	59	.....	16,920	233,000
56	Bone boiling	5	23,500	74,080	38	.....	12,156	129,530
57	Bookbinders' machinery	4	26,000	6,390	46	1	19,068	39,100
58	Bookbinding and blank books	126	1,037,850	830,739	1,267	2,034	639,704	2,203,677
59	Boots and shoes	5,412	7,418,153	9,691,024	27,349	5,296	8,471,674	22,976,783
60	Bottle moulds	1	5,000	1,000	7	.....	2,640	6,000
61	Boxes—Cigar	4	1,500	1,925	10	.....	3,348	6,600
62	Packing	74	295,000	455,182	581	.....	215,652	876,527
63	Paper	63	207,646	306,985	344	773	242,966	786,306

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
64	Brass castings and brass ware	40	$229,250	$390,222	387	.....	$145,216	$702,075
65	Brass book-clasps, badges, &c	2	4,500	3,376	22	.....	5,400	12,500
66	Brass founding	60	502,710	477,518	524	.....	185,976	832,737
67	Brass ornaments	1	2,000	500	3	.....	1,152	3,000
68	Brass, rolled	1	30,000	13,950	12	.....	4,800	67,500
69	Brass wire and wire cloth	2	45,000	28,555	48	4	19,464	62,200
70	Bread	187	280,485	960,135	536	29	160,648	1,470,295
71	Bread and crackers	985	1,984,670	5,196,888	3,002	216	957,982	8,279,727
72	Brick	596	3,712,789	948,794	9,506	62	1,911,028	4,959,643
73	Brick machinery and tools	2	13,000	12,100	16	.....	6,240	25,750
74	Bridges	1	500	2,500	10	.....	3,120	6,000
75	Britannia ware	8	76,100	52,741	118	1	42,852	118,100
76	Bronze powder	1	10,000	5,000	6	.....	3,600	10,000
77	Brooms	76	303,660	432,697	608	27	129,708	666,684
78	Brush blocks	5	32,300	3,510	18	.....	3,816	9,800
79	Brushes	87	760,350	789,148	1,392	593	479,900	1,689,283
80	Brush handles and stocks	1	3,000	715	4	.....	1,200	2,500
81	Buckskin dressing	3	13,200	9,300	10	.....	2,820	16,300
82	Burning fluid	3	3,400	12,950	6	.....	1,848	27,368
83	Buttons	5	109,350	44,228	104	51	33,608	120,666
84	Buttons, bone	1	5,000	2,920	5	8	2,304	5,560
85	Calico printing	10	1,655,250	1,984,806	1,241	274	438,324	3,407,388
86	Cameras	2	30,000	6,753	25	.....	12,450	66,000
87	Camphene	3	135,000	569,120	71	.....	27,300	663,000
88	Camphene, &c	9	168,700	439,238	43	.....	17,100	584,793
89	Candle moulds	1	3,000	2,250	4	.....	1,920	5,600
90	Candles, adamantine	5	695,000	850,680	181	34	62,688	1,145,000
91	Candles, wax	1	1,000	750	2	.....	600	1,800
92	Cap fronts	1	600	3,500	6	4	2,568	10,000
93	Caps	26	82,450	204,170	158	142	69,192	379,982
94	Card cutting	1	1,000	1,500	3	.....	1,080	4,000
95	Cards, enamelled	1	100,000	86,125	50	70	34,800	300,000
96	Cards, playing	3	93,000	124,000	65	79	34,760	214,000
97	Carpentering	584	1,642,914	2,654,569	4,395	2	1,880,900	6,578,680
98	Carpenters' tools	11	157,650	46,129	280	.....	81,668	221,150
99	Carpet cleaning	1	4,000	.....	3	.....	1,020	6,000
100	Carpets	182	1,998,968	2,194,242	2,829	1,653	996,204	4,479,419
101	Carpets, rag	1	200	712	1	.....	180	988
102	Carriage lamps	2	4,400	2,330	9	.....	4,260	8,650
103	Carriages	1,612	5,079,406	3,552,084	10,675	20	3,698,333	9,959,819
104	Carriages, children's	9	68,500	56,330	159	4	66,588	203,750
105	Carriage trimmings	2	5,600	6,040	4	3	2,136	12,200
106	Cars	24	1,346,800	871,365	1,508	.....	558,552	1,868,233
107	Cars and omnibuses	4	275,000	232,178	318	.....	128,088	422,600
108	Car wheels	13	1,138,700	1,151,140	481	.....	193,620	1,833,350
109	Carving	36	64,400	56,867	140	.....	67,808	155,250
110	Carving, wood	1	500	1,400	3	.....	1,296	4,296
111	Cement	6	461,200	160,100	321	2	87,540	407,830
112	Chains	5	3,300	8,445	20	.....	4,824	16,875
113	Chalk, prepared	1	1,000	1,830	4	.....	900	5,250
114	Charcoal	22	83,800	68,599	176	.....	39,224	255,108
115	Charcoal, pulverized	4	18,500	13,356	8	.....	3,024	34,000
116	Charts, hydrographic	1	1,000	400	4	.....	2,400	3,000
117	Cheese boxes	78	112,975	89,041	178	1	45,590	103,060
118	Chemical oils	1	100,000	134,825	20	.....	6,920	200,000
119	Chemicals	51	2,635,800	2,054,077	1,141	62	384,708	3,661,454
120	Chemicals—Bi-chromate of potash	1	70,000	100,300	50	.....	15,600	135,000
121	Miscellaneous	1	12,000	12,000	20	.....	3,600	30,000
122	China and glass decorating	2	205,000	89,000	116	40	66,000	185,000
123	Chocolate	1	5,000	8,995	2	3	912	11,880
124	Chrome mining	1	10,600	.....	32	.....	6,144	15,000
125	Churns	6	5,675	27,289	17	.....	3,956	56,712
126	Cider	61	89,770	58,066	128	.....	20,952	108,797
127	Cigar boxes	2	1,850	1,430	2	.....	972	3,200

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
128	Cigars	950	$1,816,980	$2,125,471	4,410	335	$1,482,876	$5,455,672
129	Cisterns	2	1,300	840	4	.....	1,104	2,600
130	Clay mining	5	89,500	24,000	68	.....	24,384	105,660
131	Clock cases	3	12,500	17,410	26	.....	14,160	46,500
132	Clocks	4	70,500	27,612	38	.....	18,420	101,400
133	Cloth finishing	2	4,500	3,100	10	2	3,180	8,250
134	Clothing—Ladies' cloaks and mantillas	58	320,750	725,425	27	975	189,360	1,376,955
135	Corsets	13	22,400	18,450	6	88	12,924	50,960
136	Hoop skirts	44	376,400	986,490	275	1,949	439,328	2,557,022
137	Clothing—Men's	1,887	16,370,702	25,273,136	27,318	36,932	11,469,570	45,236,596
138	Furnishing goods	6	188,000	647,452	34	297	79,104	764,575
139	Seamless garments	1	50,000	252,000	135	165	78,300	412,000
140	Shirts, collars, &c	160	1,408,300	2,446,457	380	11,392	1,062,148	4,692,114
141	Clover hulling	24	23,900	29,337	24	.....	3,168	37,818
142	Clover-seed cleaning	7	10,900	10,750	10	.....	2,600	16,700
143	Coach lace	3	2,800	4,900	18	.....	4,860	11,200
144	Coach smithing	2	2,200	1,548	6	.....	2,460	6,500
145	Coal, anthracite	176	13,880,250	1,637,898	25,126	.....	5,503,124	11,869,574
146	Coal, bituminous	142	7,136,780	523,386	5,356	.....	2,017,872	3,340,917
147	Cocoa	2	25,500	14,750	5	2	2,640	21,750
148	Coffee and spices, ground	38	535,100	1,304,281	254	2	96,752	1,711,190
149	Coffee, essence of	8	62,100	82,610	49	34	18,384	195,100
150	Coffee, roasted	5	15,500	380,220	20	.....	6,864	435,000
151	Coffee roasting	2	34,000	118,768	13	1	4,824	135,297
152	Coffins	115	305,500	154,035	306	12	121,200	475,693
153	Coffins, metallic	2	94,000	38,036	110	2	53,112	109,080
154	Coffin trimmings	2	4,000	3,550	9	.....	2,160	6,650
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	20	78,700	68,980	152	19	50,424	157,484
158	Combs, shell	2	3,000	9,800	8	.....	3,840	28,000
159	Confectioners' tools	1	1,000	6,600	3	.....	1,440	25,000
160	Confectionery	272	900,150	1,620,624	1,047	238	372,316	2,852,670
161	Cooperage	1,077	1,982,843	2,035,574	5,687	5	1,732,559	5,010,738
162	Bungs	1	2,000	390	5	.....	1,392	5,100
163	Copper mining	1	50,000	2,850	65	.....	10,140	18,182
164	Copper ore	1	40,000	500	80	.....	24,000	60,000
165	Copper, sheet and bolt	4	1,140,000	750,950	113	.....	42,600	973,768
166	Copper smelting	3	770,000	2,112,350	220	.....	92,400	2,540,000
167	Coppersmithing	33	201,300	269,137	255	.....	106,764	552,464
168	Cordage	80	1,105,159	1,644,237	1,144	301	323,744	2,565,485
169	Cork cutting	10	41,500	37,511	57	.....	14,688	92,500
170	Corundum	1	5,000	825	3	.....	1,440	3,000
171	Cotton batting	14	85,200	130,899	101	34	28,620	207,630
172	Cotton braid	1	1,500	1,550	8	4	2,160	20,000
173	Cotton coverlets	17	33,475	44,020	66	18	20,628	99,675
174	Cotton flannel carding	3	6,000	23,973	29	.....	4,836	54,482
175	Cotton gins	1	15,000	10,200	25	.....	13,500	45,000
176	Cotton goods	270	17,140,719	12,507,907	11,202	15,563	5,052,836	24,031,639
177	Cotton lamp wick	3	70,000	52,909	43	30	8,700	119,124
178	Cotton mosquito netting	2	53,000	32,720	58	71	25,956	138,392
179	Cotton table cloths	13	23,550	18,127	68	6	15,900	40,318
180	Cotton thread	1	2,500	12,500	16	30	6,000	22,000
181	Cotton twine	2	1,800	2,900	4	4	1,560	5,000
182	Cotton yarn	35	1,419,800	1,169,159	708	1,124	323,040	1,950,597
183	Crucibles	2	80,000	29,200	47	.....	18,600	110,000
184	Cutlery	23	109,700	84,750	207	.....	79,908	219,225
185	Dentistry	71	64,580	54,108	106	1	44,580	162,684
186	Drain tile	44	281,100	98,446	388	6	150,668	461,213
187	Drugs, ground	3	45,500	77,200	16	.....	5,544	107,500
188	Drum heads	1	500	1,500	2	.....	720	3,000
189	Dumb waiters	1	1,000	1,500	4	.....	1,920	9,000
190	Dyeing	6	226,500	112,200	245	44	90,324	259,990
191	Dyeing, &c.	49	227,091	256,314	311	56	99,228	559,848

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
192	Dyeing and bleaching	11	$581,600	$390,650	859	176	$311,864	$1,366,449
193	Dyestuffs	1	40,000	30,800	30	.....	12,000	90,000
194	Dyewoods and dyestuffs	4	246,000	410,590	84	4	31,100	581,683
195	Dyewoods, dyestuffs, &c	2	45,950	52,979	41	.....	12,840	82,703
196	Eave troughs	1	500	300	1	.....	313	2,600
197	Edge tools	85	1,047,059	602,100	1,556	.....	560,309	1,590,018
198	Electro-magnetic machines	3	14,500	9,655	9	.....	3,720	51,000
199	Embroidery	3	11,000	13,400	3	78	14,244	56,216
200	Emery	1	10,000	10,000	5	.....	1,560	21,000
201	Enamelling	1	3,000	1,800	6	1	2,712	10,000
202	Engravers' blocks	1	25,000	3,750	9	.....	3,240	10,500
203	Engravers' wood	1	600	1,000	3	.....	864	2,200
204	Engraving	1	4,000	532	1	.....	408	3,744
205	Engraving—Die-sinking, &c	37	39,600	39,808	130	2	47,172	155,130
206	General	40	23,450	8,325	49	2	26,892	48,900
207	Metal	1	550	65	1	.....	480	550
208	Plate	15	195,550	31,225	113	12	54,660	206,300
209	Plate and plate printing	32	49,850	38,905	130	.....	51,768	146,000
210	Plate printing	7	24,500	9,436	25	.....	11,184	26,700
211	Wood	39	77,150	19,290	188	.....	105,720	179,166
212	Envelopes	13	251,800	356,887	126	222	101,172	641,200
213	Envelopes and cards, embossed	1	1,000	400	4	2	696	2,500
214	Essential oils	27	30,495	79,480	33	.....	8,260	106,278
215	Essential oils, sassafras	2	160	550	2	.....	480	1,700
216	Fancy goods	3	54,000	33,400	16	3	16,968	70,000
217	Fans	1	2,500	2,350	12	25	3,840	55,000
218	Fertilizers	31	321,400	270,916	186	.....	55,404	479,573
219	Filter bags	1	600	3,600	2	.....	672	4,500
220	Fire-arms	91	339,512	161,381	655	2	253,354	622,204
221	Fire-brick	22	484,200	176,020	401	.....	107,573	424,700
222	Fire-caps	4	7,500	15,658	38	2	18,000	43,800
223	Fire-clay	2	2,000	.....	3	.....	900	1,588
224	Fire-engines	11	445,500	162,044	494	.....	242,760	617,350
225	Fire-escapes	1	700	225	1	.....	240	700
226	Fireworks	6	66,000	43,500	87	21	31,440	150,000
227	Fish	6	4,800	240	12	.....	3,096	7,399
228	Fisheries	40	30,150	4,596	222	.....	39,434	58,285
229	Fisheries—Oyster	266	259,050	23,380	868	.....	213,776	531,565
230	Herring, &c	19	37,200	16,027	171	4	14,050	69,180
231	Shad, herring, &c	32	22,920	5,600	187	.....	19,113	38,755
232	Fish-hooks	2	102,000	35,150	42	3	15,720	157,000
233	Fishing lines	1	200	1,000	3	1	840	2,400
234	Fishing nets	1	7,000	5,000	2	1	420	9,000
235	Fishing tackle	4	8,900	2,925	10	.....	4,620	13,000
236	Flags, &c	1	400	1,280	.....	1	144	2,000
237	Flags, banners, &c	8	49,800	33,050	48	28	25,944	88,600
238	Flax dressing	25	41,036	61,888	71	.....	17,059	109,439
239	Flour and meal	4,426	31,008,298	70,061,772	8,623	2	2,666,525	82,783,553
240	Flour sacks	4	5,800	40,775	11	5	4,200	48,250
241	Flowers	3	9,000	9,500	7	.....	2,028	16,500
242	Fly nets	3	5,800	3,926	9	24	5,088	14,100
243	Foundry facings	7	74,500	44,696	30	.....	12,900	105,950
244	Furnaces, (hot air,) registers, &c	2	30,500	8,865	31	.....	19,680	81,200
245	Furnaces, (hot air,) cooking ranges, &c	22	176,200	139,897	150	.....	66,768	361,838
246	Furniture—Cabinet	1,223	4,835,997	3,097,534	8,421	90	2,987,884	9,122,040
247	Bedsteads	20	152,200	74,437	217	.....	74,232	221,429
248	Chairs	181	735,150	551,028	1,838	351	577,949	1,790,756
249	Cradles, patent	1	6,000	3,000	12	.....	5,760	11,000
250	Counting-house	3	4,500	3,452	22	.....	5,760	18,100
251	Polish	1	10,000	31,270	7	3	2,200	44,000
252	Furs	75	1,007,700	1,410,953	369	724	192,470	2,464,980
253	Gas, illuminating	83	16,420,285	2,492,649	4,127	.....	1,635,512	7,955,971
254	Gas and steam fittings	5	11,500	35,975	18	.....	8,460	57,900
255	Gas fixtures	21	316,350	270,192	678	2	237,924	772,200

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
256	Gas fixtures, lamps, chandeliers, &c	6	$975,000	$409,040	911	2	$317,940	$1,425,000
257	Gas meters	5	309,500	253,016	336	.....	155,012	523,000
258	Gilt frames, mirrors, &c	23	200,600	279,223	384	.....	159,124	572,400
259	Glass, cut	3	16,000	10,000	17	.....	10,200	27,000
260	Glass cutting	4	4,500	2,700	16	.....	5,628	13,000
261	Glass engraving	1	200	100	1	.....	720	1,300
262	Glass hot-houses	1	2,000	8,150	6	.....	2,400	12,000
263	Glass letters	1	3,000	1,940	7	.....	2,400	14,850
264	Glass sand	1	50	.....	3	.....	720	800
265	Glass shades	1	9,000	4,225	8	.....	2,880	11,000
266	Glass, stained	3	28,000	19,215	28	3	12,876	72,000
267	Glass staining	6	36,400	40,210	51	2	22,344	102,100
268	Glassware	51	2,819,166	1,440,920	4,751	119	1,428,528	4,325,869
269	Glass, window	13	1,222,000	459,100	1,416	.....	598,164	1,418,520
270	Glaziers' diamonds	3	11,500	9,500	11	.....	3,840	27,250
271	Globes, terrestrial and celestial	1	4,000	1,550	4	3	1,740	10,000
272	Gloves	12	32,000	31,996	29	51	17,304	69,925
273	Gloves, mittens, &c., (buckskin)	92	523,200	470,245	369	655	267,707	1,006,580
274	Glue	12	77,300	64,810	85	4	20,136	122,580
275	Glue, sandpaper, curled hair, &c	13	643,700	220,865	551	5	213,696	654,980
276	Gold and silver assaying and refining	5	229,800	324,080	37	.....	21,540	420,570
277	Gold assaying and refining	4	507,000	114,100	166	51	213,720	450,000
278	Gold leaf and foil	17	122,500	210,610	120	71	59,652	356,372
279	Gold watch cases	19	96,900	195,650	127	3	56,988	337,690
280	Grain threshing	1	850	1,000	1	.....	180	1,200
281	Grates	1	2,000	4,000	6	.....	2,160	20,000
282	Grates and fenders	12	126,500	103,220	127	.....	49,662	249,900
283	Grease	1	10,000	80,300	6	.....	2,880	90,000
284	Gum and gum cleaning	2	30,000	115,375	14	38	9,912	199,500
285	Gun locks and materials	2	1,500	500	4	.....	1,560	2,750
286	Gunpowder	40	995,700	920,522	423	10	153,360	1,560,675
287	Gunsmithing	3	1,300	1,114	3	.....	1,188	2,890
288	Gutta-percha goods	2	100,000	69,000	34	.....	21,600	125,750
289	Hair-cloth	5	141,000	102,220	52	255	78,252	218,500
290	Hair, curled	4	11,500	28,826	13	5	5,268	37,220
291	Hair jewelry	6	21,000	11,180	17	18	9,060	34,000
292	Hames	7	5,450	4,390	15	.....	5,448	12,100
293	Handles	14	45,100	21,885	78	1	28,752	89,313
294	Handspikes	1	800	900	3	.....	1,152	4,000
295	Hardware—Miscellaneous	54	849,400	464,328	1,091	16	290,705	1,175,785
296	Augers	10	11,750	6,105	33	.....	10,800	22,730
297	Buckles	1	3,000	1,600	10	.....	4,800	12,000
298	Builders'	1	45,000	34,500	90	.....	36,000	75,000
299	Coach and saddlery	50	429,000	449,016	1,125	93	378,816	1,004,870
300	Curry combs	1	14,000	12,950	17	.....	4,896	21,210
301	Files	21	187,800	129,411	416	6	115,872	323,706
302	Hinges	3	13,000	3,820	15	.....	5,424	19,040
303	Locks	34	202,200	76,883	239	32	78,267	267,513
304	Patent wrenches	1	6,000	6,558	12	.....	5,184	35,000
305	Piano-forte	2	55,000	28,050	33	.....	14,400	58,000
306	Planes	7	5,500	2,602	11	.....	4,080	11,000
307	Planes and rules	2	8,000	3,740	13	.....	5,652	12,000
308	Rules	1	400	100	1	.....	600	1,000
309	Rules, planes, &c	9	32,000	10,497	39	.....	12,672	38,675
310	Saddlery	3	12,900	5,846	41	.....	9,180	23,388
311	Skates	2	13,000	10,730	49	.....	14,112	35,000
312	Spirit levels	1	1,000	495	1	.....	360	1,000
313	Stocks and dies	3	30,500	14,460	76	.....	24,996	62,400
314	Trowels	1	3,000	2,350	12	.....	4,200	10,400
315	Trunk rivets	2	45,000	20,025	130	28	22,608	53,500
316	Hat and bonnet blocks	2	4,000	1,050	7	.....	3,036	7,000
317	Hat blocks	2	200	197	4	.....	1,200	2,300
318	Hat blocks, &c	1	500	150	1	.....	300	800
319	Hat bodies	3	81,000	508,320	68	12	33,240	637,400

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
320	Hats	61	$768, 350	$1, 972, 131	2, 018	772	$946, 368	$3, 747, 153
321	Hats and caps	152	829, 090	903, 016	1, 069	819	528, 972	2, 058, 953
322	Hats—Silk, felt, and straw	124	1, 004, 300	2, 535, 086	1, 822	744	947, 894	5, 283, 058
323	Hatters' trimmings	3	6, 500	9, 100	6	3	2, 448	15, 700
324	Hay, pressed	1	2, 000	11, 230	4	.....	1, 248	14, 600
325	Hemp hose	1	3, 000	2, 500	6	1	2, 340	8, 000
326	Hides and tallow	2	20, 000	266, 360	11	.....	4, 536	294, 981
327	Hides, salted	2	160, 000	242, 528	11	.....	3, 720	324, 600
328	Hoisting machines	2	3, 000	5, 844	10	.....	8, 280	24, 700
329	Hominy	1	1, 000	1, 360	1	.....	288	1, 775
330	Horse covers	1	10, 000	125, 000	1	50	7, 560	145, 000
331	Horseshoe nails	15	13, 800	15, 500	56	.....	20, 532	52, 386
332	Horseshoes	5	13, 300	35, 301	63	.....	22, 476	73, 983
333	Hosiery	31	1, 580, 750	1, 153, 429	930	3, 266	619, 508	2, 733, 669
334	Hosiery—Shirts and drawers	103	895, 460	928, 915	998	1, 694	541, 116	2, 114, 315
335	Husks, prepared	2	1, 500	3, 120	3	.....	780	6, 080
336	Hydrant cases	1	1, 500	4, 000	4	.....	1, 920	8, 250
337	Hydrants	1	16, 000	2, 656	4	.....	1, 500	9, 000
338	Ice	24	239, 800	4, 175	936	.....	37, 199	170, 980
339	India-rubber goods	11	1, 550, 000	992, 019	890	658	380, 094	2, 317, 000
340	Ink, printing	13	294, 000	465, 505	68	.....	29, 040	747, 000
341	Ink, writing	9	25, 250	34, 989	39	7	13, 008	90, 078
342	Instruments—Chemical	1	2, 500	500	3	.....	1, 440	3, 000
343	Mathematical	1	22, 000	2, 000	7	.....	4, 800	25, 000
344	Mathematical, &c	2	9, 000	1, 500	12	.....	3, 960	30, 000
345	Mathematical and philosophical	30	181, 550	27, 873	119	8	46, 236	144, 922
346	Mathematical, nautical, and optical	21	70 500	33, 048	89	.....	46, 296	116, 786
347	Optical	3	7, 800	15, 742	31	.....	8, 676	66, 620
348	Philosophical	3	7, 500	2, 272	7	.....	2, 616	7, 200
349	Surgical and dental	27	390, 750	88, 002	292	23	111, 228	407, 985
350	Telegraphic	3	12, 500	8, 740	22	.....	10, 224	31, 100
351	Iron axles	1	12, 000	11, 425	20	.....	3, 840	31, 050
352	Iron, bar and sheet	4	190, 000	112, 254	83	.....	32, 400	192, 600
353	Iron, bar, sheet, &c	7	426, 000	480, 827	455	.....	179, 256	856, 125
354	Iron, bar, sheet, and railroad	36	2, 037, 850	2, 615, 941	2, 436	.....	835, 656	3, 868, 769
355	Iron, bar, sheet, railroad, &c	87	10, 974, 013	8, 862, 947	10, 177	.....	3, 283, 536	15, 122, 842
356	Iron bedsteads	4	16, 100	19, 406	26	.....	12, 288	35, 000
357	Iron blooms	87	1, 866, 800	1, 504, 490	1, 532	2	472, 452	2, 220, 763
358	Iron bridges	3	83, 000	84, 847	89	.....	39, 480	131, 450
359	Iron castings	429	7, 496, 291	4, 520, 511	7, 332	1	2, 665, 880	9, 843, 909
360	Iron hollow ware	2	50, 000	63, 435	125	.....	36, 600	113, 000
361	Iron castings—Including stoves	24	502, 200	285, 142	553	.....	181, 538	772, 825
362	Malleable	15	386, 000	189, 998	570	6	188, 772	575, 300
363	Ornamental	1	9, 000	9, 890	11	.....	3, 540	19, 000
364	Stoves	194	5, 064, 579	2, 555, 913	5, 290	.....	2, 130, 088	7, 049, 132
365	Iron, corrugated	1	25, 000	25, 000	20	.....	6, 000	60, 000
366	Iron forging	16	397, 200	248, 938	249	.....	100, 200	515, 751
367	Iron, galvanized	3	115, 000	84, 900	115	.....	51, 000	179, 000
368	Iron gas and water pipe	10	874, 587	911, 346	751	.....	277, 692	1, 342, 824
369	Iron ore	134	1, 170, 227	160, 827	2, 522	.....	706, 204	1, 510, 392
370	Iron ore burning	1	100, 000	174, 738	27	.....	9, 720	204, 750
371	Iron ore mining	9	132, 000	6, 777	309	.....	88, 020	156, 675
372	Iron, pig	157	15, 799, 744	9, 226, 844	9, 381	4	2, 664, 012	14, 654, 962
373	Iron railing	52	646, 700	399, 736	625	.....	255, 812	1, 135, 206
374	Iron work, ornamental	7	33, 250	30, 050	54	.....	19, 308	58, 400
375	Japanned tin ware	4	71, 500	39, 182	92	16	26, 544	97, 360
376	Japanned ware	4	9, 900	13, 239	35	.....	9, 060	31, 100
377	Jewellers' tools	3	8, 400	1, 600	9	.....	3, 888	10, 500
378	Jewelry	9	100, 100	25, 363	20	.....	9, 420	60, 578
379	Jewelry, &c	32	967, 500	876, 411	863	81	455, 112	1, 660, 944
380	Jewelry cases	11	26, 300	19, 300	61	6	22, 236	74, 971
381	Jewelry cases, &c	1	600	1, 120	4	.....	1, 920	3, 070
382	Jewelry—Gold chains, &c	202	2, 068, 348	2, 347, 285	1, 672	117	824, 064	4, 166, 046
383	Gold pens	2	1, 800	3, 500	9	.....	3, 096	11, 200

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
384	Jewelry—Gold and silver spectacles	6	$28,000	$40,650	39	.....	$16,788	$81,200
385	Pencil cases	1	1,500	180	5	.....	1,500	2,500
386	Kegs, metallic	1	5,000	8,000	12	.....	3,600	15,000
387	Kindling wood	24	167,300	268,557	387	.....	118,992	580,357
388	Lace and trimmings	1	1,500	1,760	8	.....	1,920	4,320
389	Lampblack	12	109,800	48,158	77	3	28,716	122,410
390	Lamp fixtures	1	1,000	1,500	1	.....	300	2,000
391	Lamps	6	49,400	64,200	77	25	30,060	117,800
392	Lamps and lanterns	9	91,000	82,073	104	.....	47,636	228,639
393	Lamps, coach	5	35,500	37,060	54	.....	22,416	81,000
394	Lamps, locomotive	4	30,000	35,912	47	.....	15,600	89,265
395	Lapidaries' work	4	4,600	7,600	14	.....	8,760	17,100
396	Lasts and boot trees	26	64,326	28,695	136	.....	48,060	141,210
397	Laundry work	2	17,000	165,030	10	145	21,600	207,000
398	Lead mining	1	680	100	10	.....	660	800
399	Lead pipe and sheet lead	1	250,000	350,000	40	.....	9,600	550,000
400	Lead pipe, sheet lead, and shot	5	960,000	1,828,675	132	2	50,112	1,947,700
401	Leather	1,914	20,772,620	25,694,102	10,871	25	3,167,460	37,678,244
402	Leather—Morocco	72	1,605,500	2,669,454	1,655	231	650,100	4,245,573
403	Patent leather	11	1,009,000	1,370,400	840	.....	306,660	2,050,250
404	Skin dressing	8	103,100	264,741	76	9	27,240	357,782
405	Leather belting	2	10,300	12,000	9	.....	2,664	27,000
406	Leather belting and hose	13	156,600	182,504	73	.....	30,828	312,860
407	Life-preservers	1	1,500	2,262	3	.....	1,728	6,290
408	Lightning-rods	6	34,400	11,230	31	.....	12,936	43,510
409	Lime	504	1,386,516	987,893	1,940	.....	531,758	2,219,767
410	Lime water	29	465,400	291,798	1,054	.....	236,556	928,292
411	Linen goods	1	200,000	60,000	67	94	21,420	140,000
412	Liquor coloring	1	2,000	1,000	2	.....	600	6,000
413	Liquors—Bottled	12	32,650	34,804	50	.....	18,204	82,610
414	Distilled	323	4,116,742	6,325,485	1,440	.....	486,540	8,665,015
415	Malt	463	8,567,660	5,973,681	3,169	6	1,049,348	11,302,924
416	Rectified	130	1,608,700	3,301,869	382	3	155,756	4,079,350
417	Wine	7	87,100	108,970	32	.....	12,636	167,966
418	Cordials	2	6,400	5,566	6	.....	2,016	10,900
419	Lithography	46	413,450	208,337	684	19	307,032	770,000
420	Locksmithing and bell-hanging	33	74,750	27,928	134	.....	46,800	115,005
421	Locomotive engines	2	1,650,000	696,500	1,255	.....	464,880	1,420,000
422	Locomotives	5	848,592	730,400	1,355	.....	549,300	1,615,000
423	Looking-glass and picture frames	114	626,350	722,026	1,157	11	407,876	1,754,823
424	Lumber, planed	172	1,889,071	3,795,496	1,775	.....	604,416	5,210,260
425	Lumber, sawed	6,309	20,225,375	11,573,696	17,919	54	4,833,839	22,966,457
426	Lye, condensed	1	10,000	52,780	5	.....	1,800	62,500
427	Macaroni and vermicelli	1	500	3,500	1	30	3,600	24,000
428	Machinery, cotton and woollen—Miscellaneous	18	453,038	282,178	758	5	234,792	841,240
429	Bobbins, &c	2	5,000	6,890	32	.....	9,840	17,250
430	Bobbins and spools	14	33,550	14,875	63	.....	20,136	45,200
431	Bobbins, shuttles, spools, &c	1	3,000	2,000	10	.....	2,400	8,000
432	Knitting machines	4	28,500	14,015	43	.....	15,864	49,500
433	Patent temples	1	2,000	135	2	.....	600	10,000
434	Reeds and harness	3	4,500	2,600	10	22	5,832	13,500
435	Reeds and heddles	4	21,000	9,700	18	36	11,256	42,600
436	Shuttles	2	3,500	5,565	9	.....	2,928	12,280
437	Machinery—Hay and cotton presses	1	3,000	5,480	10	.....	4,920	20,000
438	Rice machines	1	500	132	1	.....	300	500
439	Turbine water-wheels	1	33,000	14,934	25	.....	6,000	45,000
440	Machinery, steam-engines, &c	426	12,805,840	7,955,176	16,329	.....	6,018,646	20,197,650
441	Machinists' tools	5	93,850	25,895	89	.....	25,840	98,092
442	Machinists' tools, &c	1	280,000	44,100	190	.....	72,000	205,000
443	Magnesia mining	1	200	.....	6	.....	1,872	6,000
444	Malt	57	1,816,400	1,949,139	476	.....	141,272	2,619,605
445	Maps	11	153,500	89,775	69	106	52,908	222,000
446	Marble and stone-cutting	4	18,500	15,655	20	.....	7,620	27,970
447	Marble and stone work	465	2,721,323	2,186,658	4,477	.....	1,770,066	5,470,047

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
448	Marble quarrying	1	$1,000	$125,300	50	.....	$15,600	$300,000
449	Marble, sawed	5	146,000	58,000	80	.....	30,504	110,500
450	Mast hoops	3	2,400	492	5	.....	2,160	4,200
451	Masts and spars	11	86,600	49,925	92	.....	37,044	132,246
452	Matches	23	202,000	71,456	341	324	59,376	209,185
453	Mats and rugs	6	32,900	37,670	136	4	16,788	97,786
454	Mattresses, beds, &c.	3	6,000	15,000	7	4	2,808	27,300
455	Medicine chests	3	6,000	3,550	10	.....	4,308	9,150
456	Medicines, extracts, &c.	33	359,500	468,349	197	76	83,928	939,395
457	Medicines, extracts, drugs, &c.	50	614,525	330,160	253	56	131,316	1,079,250
458	Meerschaums	1	800	375	2	.....	840	2,000
459	Metallic caps and labels	1	500	1,200	4	.....	960	3,700
460	Metal, prepared	3	16,000	13,615	18	.....	7,608	29,200
461	Metal, prepared, white metal, &c.	2	10,000	21,400	9	.....	3,240	58,800
462	Metal spinning	1	1,000	1,594	2	.....	720	4,648
463	Metal, type	1	50,000	50,640	6	.....	2,304	68,000
464	Military equipments	10	390,100	83,950	140	26	58,284	224,356
465	Military ornaments	1	700	2,000	4	.....	1,920	12,000
466	Military plumes	1	200	500	1	.....	480	1,000
467	Mill furnishing	1	1,500	900	3	.....	1,440	3,978
468	Millinery	299	544,995	947,264	52	1,630	326,838	1,882,985
469	Millinery and dress-making	302	307,515	354,387	25	1,219	203,928	809,353
470	Millinery goods—Miscellaneous	9	31,500	104,796	44	265	60,300	238,154
471	Artificial flowers	20	273,700	514,117	51	546	110,504	1,051,000
472	Bonnet frames	1	5,000	3,000	1	25	6,360	11,000
473	Ruches	2	52,500	114,096	14	70	21,984	170,000
474	Millstones, burr	4	18,620	9,920	27	.....	12,960	31,106
475	Millstones, mill furnishing, &c.	4	61,000	36,314	49	.....	20,592	98,560
476	Millwrighting	13	24,100	26,117	85	4	27,444	82,400
477	Millwrighting and mill furnishing	8	219,600	114,472	151	.....	38,172	275,722
478	Mineral water	57	376,510	255,465	433	7	125,772	791,531
479	Mineral water apparatus	2	52,500	7,500	33	1	10,080	30,000
480	Moulding sand	3	5,650	4,000	15	.....	3,600	13,600
481	Mowing machine knives	1	3,000	600	1	.....	432	2,100
482	Musical instruments—Miscellaneous	22	66,500	39,975	101	.....	38,094	129,310
483	Melodeons	15	297,900	154,260	265	4	141,276	413,960
484	Organs	9	87,000	41,575	143	.....	45,324	140,900
485	Piano-fortes	71	2,613,250	1,090,269	2,503	.....	1,289,080	3,458,307
486	Musical instrument strings	2	11,000	9,160	6	.....	3,000	17,000
487	Music printing	2	18,000	5,800	11	.....	5,280	22,500
488	Nails	3	445,000	723,800	706	.....	222,000	1,118,341
489	Nails and spikes	15	456,950	566,493	647	2	208,116	1,021,736
490	Nails, cut	14	1,872,000	1,333,530	1,560	20	595,644	2,177,245
491	Nails, wrought	6	11,400	67,155	68	.....	19,632	91,110
492	Needles	1	700	310	3	.....	600	1,000
493	Newspaper directing machines	1	2,000	340	2	.....	240	600
494	Nickel	1	20,000	17,500	25	.....	7,200	45,000
495	Nickel and cobalt	1	60,000	23,250	15	.....	7,656	36,000
496	Nickel ore	1	90,000	2,396	40	.....	18,000	30,626
497	Oakum	8	140,400	167,240	142	.....	35,688	236,001
498	Oars	1	3,000	2,600	4	.....	1,728	6,115
499	Oil—Castor	6	122,200	191,940	85	.....	34,476	258,370
500	Coal	28	650,518	1,927,296	486	.....	192,048	3,374,116
501	Coal, refined	4	34,000	61,160	15	.....	5,760	116,800
502	Cocoanut	1	3,000	2,000	2	.....	600	4,000
503	Cotton-seed	1	20,000	63,000	8	.....	3,996	76,500
504	Fish	2	45,000	13,800	20	.....	6,720	48,500
505	Lard	13	290,000	1,648,600	85	.....	30,940	1,917,000
506	Linseed	44	1,701,350	3,484,679	497	1	161,964	3,981,477
507	Neat's-foot	1	3,500	1,750	11	.....	1,584	5,616
508	Refined whale	2	33,000	83,370	11	2	4,800	93,900
509	Rosin	6	102,000	104,425	34	.....	13,412	255,650
510	Sperm and whale	6	573,000	1,210,000	61	.....	28,908	1,390,481
511	Oil-cloth	18	657,000	547,463	447	19	158,880	936,700

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
512	Oil-cloth clothing	2	$4,500	$2,950	7	6	$1,632	$7,200
513	Oil-cloth, enamelled	8	400,200	726,049	362	.....	140,988	1,029,150
514	Oil clothing	2	31,200	43,038	11	50	12,888	66,000
515	Oil-cloth, silk	1	1,500	4,838	4	.....	840	7,000
516	Oil floor cloth	6	311,000	370,163	280	.....	85,356	594,200
517	Organ pipes	1	1,000	1,624	2	.....	768	3,600
518	Ornaments, paper	1	100	250	1	.....	360	1,200
519	Ornaments, plaster	5	8,500	6,725	31	.....	9,420	24,100
520	Ornaments, terra-cotta	1	600	238	4	.....	1,584	4,000
521	Oyster keg hoops	1	3,000	3,000	5	.....	1,320	5,000
522	Paint, &c.	3	130,000	134,000	24	.....	11,280	169,936
523	Paint, mineral	3	16,000	5,010	12	.....	4,656	16,500
524	Painting	120	164,575	155,881	452	.....	191,144	468,890
525	Paints	14	706,500	635,366	141	.....	55,452	1,089,639
526	Paints, &c.	13	631,000	536,060	299	1	112,344	863,390
527	Paper bags	2	11,000	12,200	5	9	2,460	21,500
528	Paper—Bookbinders' boards	6	27,800	12,220	16	.....	4,440	23,875
529	Bonnet boards	1	5,000	5,960	6	.....	1,440	10,000
530	Hangings	20	955,000	1,081,470	1,140	69	300,768	2,006,600
531	Printing	143	3,951,870	3,493,289	1,732	1,038	639,068	6,163,931
532	Straw and binders' boards	12	181,000	89,302	122	13	38,688	175,380
533	Straw boards	22	172,700	62,517	117	12	34,148	154,449
534	Wrapping	89	1,161,400	629,070	790	125	232,360	1,380,802
535	Paper ruling	1	500	500	4	.....	720	1,600
536	Paper shades	1	10,000	5,080	13	12	6,300	25,000
537	Paper staining	3	17,000	14,026	25	2	7,260	28,500
538	Patterns and models	24	53,650	14,668	122	.....	61,692	131,410
539	Pearl goods	3	8,600	7,000	34	3	10,176	20,000
540	Pearl work	9	7,700	10,675	63	12	16,800	39,416
541	Percussion caps	1	30,000	10,700	10	5	3,240	15,000
542	Percussion caps and powder flasks	1	40,000	20,000	12	25	5,400	50,000
543	Perfumery and fancy soaps	27	583,700	444,830	250	268	141,020	1,190,000
544	Photographic materials	3	7,000	7,495	47	4	5,892	21,800
545	Photographic materials, &c.	4	118,000	73,576	51	125	36,000	191,600
546	Photographs	121	243,050	184,765	348	45	241,748	723,991
547	Piano-forte keys	1	1,000	1,700	15	.....	5,400	10,000
548	Piano-forte legs	1	1,000	400	20	.....	3,600	11,800
549	Piano-forte stools	1	1,500	1,860	5	.....	2,400	7,800
550	Pickles	2	13,500	14,330	8	6	3,744	22,599
551	Picture frames	3	1,000	979	3	.....	840	2,250
552	Pins	3	39,000	58,650	25	55	17,160	108,000
553	Pipe, wooden	1	4,000	1,000	2	.....	864	2,000
554	Pitch, brewers' and Burgundy	3	5,800	2,600	3	.....	1,800	7,100
555	Plaster, calcined and casting	1	3,000	4,100	5	.....	1,800	9,950
556	Plaster, ground	160	406,740	253,535	289	.....	82,154	481,311
557	Plaster, ornamental	2	3,250	4,475	8	.....	2,928	10,000
558	Plaster ornaments	8	27,300	9,208	44	1	15,336	47,462
559	Plaster, quarried	18	35,200	18,490	51	.....	9,732	57,320
560	Plaster statuary	1	2,000	150	1	1	840	2,500
561	Plumbers' materials	1	14,000	26,905	35	.....	7,200	40,000
562	Plumbing	3	3,500	5,172	6	.....	2,580	9,200
563	Plumbing, &c.	4	22,100	20,200	42	.....	15,900	50,000
564	Plumbing and gas-fitting	163	636,800	694,466	1,015	.....	389,910	1,599,420
565	Pocket-books, portemonnaies, &c.	35	165,550	217,204	368	244	114,228	508,512
566	Porcelain ware	2	160,000	56,000	159	8	79,020	165,000
567	Portable desks	1	20,000	12,000	10	2	5,184	23,000
568	Potters' clay, &c.	1	20,000	.....	12	.....	3,600	16,000
569	Pottery ware	200	698,420	268,743	1,243	28	411,462	1,255,374
570	Printers' chases	1	2,500	1,060	4	.....	1,200	3,000
571	Printers' furniture	5	6,500	4,000	10	.....	8,184	16,200
572	Printers' rollers	2	4,900	6,639	4	.....	1,272	12,300
573	Printing	434	8,830,900	6,414,406	7,233	1,146	3,117,472	14,132,697
574	Printing and lithographic presses	4	16,000	10,485	17	.....	6,864	38,700
575	Printing, book	42	2,191,500	693,080	600	216	321,680	2,377,400

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
576	Printing, job	67	$589,600	$531,216	657	82	$251,172	$1,084,225
577	Printing, newspaper	158	1,356,750	898,339	1,830	17	641,916	2,561,252
578	Printing, newspaper and job	7	88,000	48,372	69	.....	23,616	105,332
579	Printing presses	7	758,000	91,280	530	.....	209,220	757,250
580	Provisions—Pork, beef, &c	75	2,227,667	7,069,158	630	2	250,288	8,994,332
581	Oysters, canned	25	652,434	529,130	1,247	451	216,048	1,025,920
582	Preserved crabs	1	5,000	1,000	8	.....	2,100	5,950
583	Preserved fruit	3	11,000	14,200	27	40	4,204	29,200
584	Preserved fruit, &c	4	26,500	34,500	15	56	11,640	63,700
585	Preserved fruit, pickles, &c	13	406,500	391,178	139	147	61,092	775,875
586	Preserved fruits	1	1,000	300	1	.....	600	1,000
587	Sausages	16	34,400	75,192	29	7	9,792	139,843
588	Pumps	35	85,920	49,778	130	.....	46,968	188,640
589	Pumps and hydraulic rams	1	500	250	1	.....	312	1,000
590	Putty	2	11,000	16,180	8	.....	2,340	33,150
591	Quilts	2	6,500	12,160	1	19	2,424	15,500
592	Railroad chairs	1	25,000	81,600	13	.....	4,800	96,000
593	Railroad chairs and spikes	5	298,000	309,100	242	.....	112,500	645,000
594	Railroad spikes	1	3,000	31,000	6	.....	2,400	40,000
595	Razor strops	3	7,300	1,465	7	20	4,740	22,300
596	Refrigerators	3	33,800	39,920	35	.....	15,216	67,050
597	Refrigerators, water-coolers, &c	9	48,850	29,880	55	.....	25,488	92,500
598	Regalia	1	500	2,500	2	.....	600	3,500
599	Registers and ventilators	1	25,000	15,730	40	.....	17,280	90,000
600	Rice cleaning	1	55,000	179,800	13	.....	6,240	196,200
601	Rigging	7	41,000	159,500	167	.....	86,160	281,500
602	Roofing—Cement and gravel	4	36,000	76,470	70	.....	25,620	134,300
603	Composition	4	81,500	51,464	38	.....	15,060	114,500
604	Felt	1	1,000	6,000	6	.....	2,016	11,000
605	Metal	5	16,000	66,710	42	.....	17,760	128,000
606	Slate	5	39,300	24,700	139	.....	39,864	87,600
607	Tin	12	58,200	85,956	70	.....	26,616	161,179
608	Saddlery and harness	1,272	2,999,939	2,558,150	4,769	130	1,636,668	5,479,760
609	Saddle-trees	12	35,200	23,408	101	2	43,152	84,825
610	Sadirons	2	25,000	19,450	32	.....	10,860	40,000
611	Safes, fire-proof	22	759,900	516,712	789	.....	336,092	1,319,724
612	Safes, provision	1	500	1,017	2	.....	600	1,700
613	Sails	43	125,150	341,800	287	2	113,513	587,854
614	Saleratus	10	274,000	432,920	169	6	88,212	1,168,500
615	Salt	330	2,504,390	724,904	1,284	.....	89,296	1,426,427
616	Salt, ground	1	18,000	7,408	10	.....	2,400	10,000
617	Sand-paper	3	42,500	24,760	18	3	7,368	54,350
618	Sand, washed	4	44,700	6,750	31	.....	7,936	132,500
619	Sash, doors, and blinds	389	2,021,370	1,431,033	2,513	6	926,526	3,328,554
620	Sash, metal	3	4,000	5,008	6	.....	2,460	12,600
621	Satinet printing	7	120,000	95,032	103	8	39,792	222,420
622	Saws	21	421,000	343,243	534	.....	179,884	683,349
623	Scales	1	20,000	1,500	8	.....	3,456	10,000
624	Scales and balances	22	251,900	93,009	312	.....	109,351	464,360
625	School apparatus	1	5,000	3,000	10	4	4,320	15,000
626	Scythe rifles	1	500	165	1	1	480	1,400
627	Scythes	5	275,025	48,047	91	.....	35,195	121,440
628	Scythe stones	5	3,400	628	8	.....	1,956	4,675
629	Seeds, garden and flower	2	38,000	.....	13	15	10,500	45,500
630	Sewing machine cases	1	20,000	33,750	20	.....	6,000	50,000
631	Sewing machine needles	5	15,500	3,289	27	.....	3,564	26,120
632	Sewing machines	31	589,200	298,363	758	20	307,752	1,465,285
633	Sewing machine shuttles	1	1,200	349	10	.....	3,840	8,000
634	Sewing silk, twist, &c	8	302,000	390,576	72	337	62,316	598,000
635	Shingles	187	251,480	200,905	547	1	138,552	436,101
636	Shingles and laths	9	6,200	6,475	10	.....	3,240	14,550
637	Shingle machines	4	6,400	1,971	11	.....	3,552	9,020
638	Ship and boat building	261	2,827,745	2,437,095	4,559	1	2,118,940	6,114,906
639	Ship carpentering	6	25,500	23,250	64	.....	31,848	75,500

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
640	Ship joining	8	$20,200	$55,840	142	.....	$75,840	$134,770
641	Ship smithing	45	135,150	130,354	246	.....	95,784	312,205
642	Shoddy	13	71,200	112,049	68	91	26,900	211,870
643	Shoemakers' tools	8	31,150	24,788	124	6	33,360	103,075
644	Shoemakers' wax	1	800	450	2	.....	480	1,440
645	Shoe pegs	8	17,600	2,468	27	.....	9,492	18,020
646	Shot	2	57,463	104,726	13	.....	5,700	123,980
647	Shoulder braces	1	100	200	1	2	480	800
648	Shovels, forks, hoes, &c	23	320,200	115,482	233	1	77,804	307,428
649	Shovels, malt	1	2,000	800	4	.....	960	1,800
650	Shovels, spades, forks, &c	10	264,000	164,304	250	.....	95,112	401,450
651	Show cards	7	20,400	39,811	44	27	19,284	91,100
652	Show cases	3	6,300	13,766	12	.....	6,048	34,700
653	Signs	18	10,500	24,295	81	.....	37,416	82,600
654	Silk fringes and trimmings	2	3,000	6,050	4	8	2,352	10,000
655	Silk fringes, trimmings, &c	69	986,280	1,050,749	743	1,439	485,896	2,154,022
656	Silk, sewing	3	81,000	148,750	69	90	32,688	207,519
657	Silk, sewing, twist, &c	6	203,000	621,675	141	548	105,120	950,900
658	Silver pencil-cases	1	5,000	10,000	18	.....	7,200	25,000
659	Silver-plated and Britannia ware	41	142,200	188,167	225	68	107,156	406,345
660	Silver-plated ware	23	200,900	147,643	370	100	180,048	520,950
661	Silver, rolled	1	43,000	157,800	7	.....	2,280	167,000
662	Silversmithing	4	14,900	4,792	6	1	2,460	10,169
663	Silver ware	57	1,083,200	1,445,903	775	48	324,912	2,270,685
664	Slate quarrying	2	112,000	20,000	20	.....	4,800	26,000
665	Slates for roofing	2	30,400	800	16	.....	5,880	13,500
666	Slates, school	2	11,000	3,752	45	.....	12,060	16,950
667	Slates, transparent	1	400	4,100	2	1	864	6,000
668	Snuff	2	25,000	11,600	12	.....	1,728	47,200
669	Snuff and tobacco	39	807,900	1,195,295	958	370	321,102	2,031,940
670	Soap and candles	268	2,948,858	5,465,056	1,311	30	432,030	8,075,552
671	Soapstone	2	6,000	740	12	.....	3,984	8,000
672	Spices, ground	1	60,000	40,000	8	2	2,700	60,000
673	Spokes, hubs, and felloes	92	505,765	335,190	590	.....	198,642	845,099
674	Spokes, hubs, felloes, &c	1	16,000	7,000	14	.....	4,440	12,000
675	Spokes, shafts, bows, &c	3	38,000	33,200	48	.....	19,920	63,500
676	Springs and axles	7	92,000	91,425	148	.....	61,260	224,200
677	Springs, car and carriage	5	65,000	75,050	97	.....	36,036	134,082
678	Springs, carriage and locomotive	1	8,000	15,775	18	.....	5,400	24,750
679	Springs, spiral	1	48,000	10,000	15	.....	7,200	20,000
680	Springs, steel	7	174,100	161,650	169	.....	70,768	451,020
681	Stair building	25	63,066	67,775	147	.....	65,700	201,015
682	Stair rods	5	87,000	75,685	62	5	28,380	149,400
683	Starch	66	1,281,850	740,229	615	6	180,686	1,348,286
684	Stationery—Ballou's calculators	1	2,000	3,059	5	.....	1,680	25,000
685	Eyelet machines	1	5,000	5,500	15	4	5,880	15,000
686	Lead pencils	2	4,000	550	6	.....	2,400	4,500
687	Penholders	1	1,500	1,150	3	.....	720	3,000
688	Quills	1	1,000	836	2	.....	480	1,380
689	School slates	11	66,400	29,045	208	.....	48,024	129,958
690	Wafers, &c	1	10,000	15,000	10	.....	4,560	25,000
691	Staves, hoops, and heading	4	750	760	6	.....	1,704	3,180
692	Staves, shooks, and heading	131	330,027	315,872	827	1	217,260	700,857
693	Steam and gas fitting	1	6,000	8,100	15	.....	7,200	25,000
694	Steam and water gauges	1	2,000	382	5	.....	2,400	5,310
695	Steam and water heading apparatus	6	195,000	172,121	211	.....	62,700	413,650
696	Steel	12	1,600,000	777,774	708	.....	290,736	1,690,240
697	Steel and copper plates	1	3,000	1,000	4	.....	1,680	8,000
698	Steel, cast	1	40,000	27,400	40	.....	18,000	88,000
699	Steel goods	1	20,000	7,800	78	1	18,864	30,000
700	Steel wire, &c	2	3,000	44,300	41	17	9,600	63,600
701	Steering apparatus	1	1,500	950	3	.....	792	3,500
702	Stencils	1	250	100	2	.....	1,200	2,000
703	Stereoscopic cases	1	500	730	1	.....	600	1,200

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
704	Stereotyping and electrotyping	40	$121,500	$60,007	299	.....	$117,960	$282,300
705	Stone quarrying	535	771,287	191,948	2,812	.....	897,928	1,695,575
706	Stove polish	6	23,000	33,620	27	7	9,840	93,700
707	Straw goods	6	61,800	52,300	24	189	30,668	100,800
708	Straw hats	1	20,000	60,000	25	60	22,800	104,000
709	Stucco work	1	2,000	150	10	.....	5,100	6,490
710	Stuffed birds	1	500	200	1	.....	720	1,100
711	Sugar, refined	19	4,800,000	21,284,510	1,964	.....	764,400	25,406,500
712	Sugar refining	8	1,546,000	4,844,950	478	.....	177,708	6,356,700
713	Sugar moulds	3	8,000	29,945	75	.....	22,800	90,000
714	Sulphur	3	73,000	107,700	22	.....	8,736	133,264
715	Sumac, prepared	2	2,500	1,700	4	.....	600	2,850
716	Suspenders	1	1,200	730	1	.....	480	3,000
717	Sirups	1	10,000	19,000	2	.....	996	25,000
718	Tallow, rendered	5	50,000	218,278	25	.....	11,004	336,500
719	Tallow rendering	1	1,000	3,000	2	.....	600	5,056
720	Tapes and binding	1	60,000	40,400	40	60	26,400	75,000
721	Tar	1	500	45	2	.....	324	630
722	Teeth, porcelain	9	283,000	196,035	82	71	61,944	316,518
723	Thread, linen	7	149,795	99,195	92	110	39,248	184,570
724	Tin, copper, and sheet-iron ware	1,308	3,524,826	2,779,940	4,603	16	1,448,764	6,183,238
725	Tin foil	1	100,000	92,000	30	.....	11,400	120,000
726	Tinned iron ware	1	17,000	23,700	66	.....	16,740	50,000
727	Tobacco and snuff	10	64,200	83,495	99	5	19,516	137,110
728	Toy-books, games, &c.	1	38,000	30,000	15	30	8,400	70,000
729	Toys	8	19,000	15,130	35	23	13,368	42,000
730	Toys, tin	1	2,000	3,505	9	6	3,360	10,000
731	Trunk and carpet-bag frames	3	28,500	27,976	105	.....	9,420	53,500
732	Trunks, &c.	1	500	1,600	3	.....	720	2,400
733	Trunks, carpet-bags, and valises	14	349,500	538,850	755	127	255,528	1,053,800
734	Trunks, valises, carpet-bags, &c.	65	318,900	358,099	470	99	225,652	781,393
735	Seamen's chests	1	2,000	900	2	.....	792	2,800
736	Trusses, bandages, &c.	7	12,300	6,282	13	12	7,500	27,300
737	Truss hoops	1	400	370	2	.....	720	1,500
738	Turning, ivory and bone	18	88,550	127,555	292	14	88,128	249,904
739	Turning, scroll-sawing, &c.	20	65,300	31,284	128	.....	42,288	111,466
740	Turning, scroll-sawing, moulding, &c.	145	674,748	620,993	1,020	.....	361,340	1,413,817
741	Turning, wood	4	3,200	850	11	.....	3,624	6,000
742	Type	12	561,200	69,350	251	12	108,180	308,300
743	Type founding	9	310,900	180,837	247	193	160,156	540,400
744	Umbrellas and parasols	50	984,790	1,958,142	520	1,358	411,996	2,818,016
745	Umbrella furniture	6	38,852	41,977	163	46	43,380	134,100
746	Upholstering	3	4,500	4,160	6	1	2,640	8,800
747	Upholstery	128	375,000	859,472	387	347	195,820	1,361,898
748	Valentines	1	7,000	3,000	9	.....	2,160	12,000
749	Vault lights	1	1,000	4,900	30	.....	10,800	40,000
750	Varnish	33	683,050	980,306	197	.....	76,488	1,439,790
751	Vats	1	12,000	61,860	18	.....	8,208	90,000
752	Veneers	4	109,600	104,000	51	.....	24,300	210,000
753	Veneers, mahogany, &c.	1	10,000	30,000	7	.....	4,800	37,500
754	Veneers, mahogany, rosewood, &c.	10	282,500	285,232	84	.....	37,200	483,100
755	Venetian blinds	25	44,500	37,972	86	26	35,076	112,040
756	Ventilators	1	8,000	4,500	8	.....	2,880	10,000
757	Vinegar	53	245,050	171,309	157	1	52,440	418,500
758	Wagons, carts, &c.	1,084	1,901,428	1,140,833	3,418	.....	1,210,242	3,204,704
759	Washing blue	1	500	1,706	1	.....	288	3,000
760	Washing machines	10	11,200	8,333	30	.....	8,940	28,235
761	Watch cases	11	211,000	398,792	263	10	113,640	660,300
762	Watch-case springs	2	1,300	225	3	.....	1,296	2,225
763	Watch crystals	2	3,700	2,713	10	.....	2,880	9,760
764	Watch dials	1	3,000	1,125	4	6	1,860	7,000
765	Watch dials and materials	2	4,500	5,200	11	.....	3,180	17,000
766	Watch engraving	2	2,200	200	3	.....	1,728	2,600
767	Watches and watch repairing	12	19,300	8,660	29	.....	11,940	31,300

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
768	Watch guards	1	$1,200	$2,400	22	6	$2,736	$12,000
769	Water closets	3	23,000	34,920	35	.....	11,040	55,300
770	Webbing	10	202,400	131,216	109	170	63,492	303,010
771	Well curbs	7	6,100	8,770	10	.....	3,504	20,230
772	Whalebone and ratan	1	58,000	52,843	36	6	10,560	91,331
773	Whalebone cutting	1	1,000	2,000	1	.....	360	3,000
774	Whips	13	94,867	71,675	145	46	40,632	148,531
775	Whips and canes	18	24,450	35,058	76	46	25,640	93,009
776	Whip sockets	1	5,000	1,940	5	2	2,400	6,500
777	White lead	22	1,957,647	2,332,751	682	.....	259,428	3,792,147
778	Whiting	7	58,500	32,678	39	.....	16,320	187,600
779	Wigs and hair work	30	43,100	51,295	65	47	31,152	159,212
780	Willow ware	8	4,520	4,853	23	.....	8,304	18,720
781	Windlasses, &c	1	10,000	2,700	2	.....	1,800	4,500
782	Wind mills	1	400	225	2	.....	300	1,250
783	Window shades	1	250	1,000	3	.....	1,200	6,000
784	Wire cloth	4	15,500	17,575	21	3	7,044	30,460
785	Wire drawing	5	477,063	167,380	123	.....	54,180	354,507
786	Wired steel	1	400	505	1	.....	480	1,500
787	Wire rope	1	100,000	45,000	30	.....	14,400	70,000
788	Wire work	28	103,600	76,351	140	1	48,420	173,753
789	Wire work, sieves, bird cages, &c	13	64,700	81,171	159	.....	32,376	147,550
790	Wood cutting	1	.....	15,000	30	.....	4,680	21,000
791	Wooden door knobs	1	1,200	6,200	10	.....	3,600	10,600
792	Wooden screws	1	1,000	118	2	.....	720	1,050
793	Wooden ware	41	128,570	82,568	206	9	65,152	212,430
794	Wood work—Miscellaneous	2	2,500	2,875	5	.....	1,464	7,000
795	Wool carding	44	60,100	66,707	75	5	16,836	97,243
796	Wool carding and cloth dressing	55	95,555	140,297	84	3	21,828	188,900
797	Wool cleaning and pulling	16	216,500	540,600	149	.....	47,592	692,750
798	Woollen goods	476	8,473,610	8,743,492	7,098	4,540	2,720,711	15,905,923
799	Wool pulling	8	16,400	58,905	34	2	9,276	91,103
800	Zinc ore	2	59,100	4,537	52	.....	15,696	72,600
801	Zinc, oxide of	2	1,210,000	107,000	130	.....	46,800	187,000
802	Zinc paint	1	1,000,000	95,000	100	.....	36,000	250,000
	Total	53,287	435,061,964	444,126,969	432,424	113,819	152,328,841	802,338,392

TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

FOR

THE WESTERN STATES,

(OHIO, INDIANA, MICHIGAN, ILLINOIS, WISCONSIN, IOWA, MINNESOTA, NEBRASKA, MISSOURI, KANSAS, AND KENTUCKY.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Agricultural implements—Miscellaneous	433	$2,218,794	$1,035,898	2,947	.....	$1,010,016	$3,431,327
2	Fanning mills	12	25,900	17,195	49	.....	17,880	56,520
3	Grain cradles	6	2,807	2,165	7	.....	2,520	7,975
4	Grain cradles, &c	7	66,600	32,884	68	.....	22,752	62,472
5	Grain drills	10	78,800	40,862	112	.....	44,448	153,765
6	Mowers and reapers	40	1,391,650	565,803	1,475	.....	562,216	2,296,495
7	Ploughs	121	628,145	252,717	616	.....	236,028	813,356
8	Ploughs, cultivators, &c	75	350,435	129,303	424	.....	162,144	481,214
9	Ploughs, harrows, and cultivators	62	145,675	83,734	283	.....	100,056	342,611
10	Rakes	15	19,885	7,545	55	.....	11,916	33,150
11	Straw cutters	1	8,000	9,650	15	.....	5,400	21,500
12	Threshers and horse-powers	11	230,000	42,764	172	.....	67,092	200,795
13	Threshers and separators	47	640,667	317,058	783	.....	297,216	916,014
14	Alcohol	11	241,000	1,154,780	59	.....	22,044	1,483,360
15	Anchors	2	13,000	8,375	11	.....	5,100	20,000
16	Ashes, pot and pearl	137	122,530	150,455	275	.....	72,470	355,135
17	Awnings	2	2,000	3,225	5	12	4,152	10,500
18	Awnings, tents, &c	1	3,000	4,000	4	4	2,688	8,000
19	Bagging	31	495,750	792,300	640	121	138,036	1,090,628
20	Bags	6	19,100	174,325	23	22	15,672	211,553
21	Baking powders, &c	3	20,750	17,195	4	3	1,968	26,630
22	Baskets	14	1,685	1,150	23	16	7,440	12,800
23	Beds, spring	2	2,200	7,360	7	.....	2,640	17,400
24	Beehives	3	1,700	3,750	6	.....	1,920	8,775
25	Bellows	1	1,000	2,500	3	.....	1,440	4,500
26	Bellows, &c	2	4,000	7,200	6	.....	2,640	13,500
27	Bells	1	2,000	1,915	3	.....	720	5,000
28	Bells, cow	2	4,200	2,559	7	.....	2,160	11,700
29	Billiard tables	5	159,500	164,006	109	.....	47,340	333,600
30	Blacking	4	3,700	9,155	20	10	6,288	28,750
31	Blacksmithing	1,903	1,172,965	805,813	3,879	.....	1,134,151	2,857,492
32	Blocks and pumps	1	2,500	350	2	.....	600	2,850
33	Blocks, &c	1	4,000	7,000	5	.....	900	15,200
34	Blocks, pumps, and spars	1	1,000	1,000	5	.....	2,700	4,500
35	Bolts, nuts, &c	1	2,000	3,100	15	.....	4,200	12,000
36	Bolts, nuts, and washers	3	170,700	116,608	92	.....	27,456	214,000
37	Bone-black	3	6,100	2,840	19	.....	3,540	13,100
38	Bookbinding	5	13,700	16,117	20	9	10,506	47,600
39	Bookbinding and blank books	48	171,180	189,272	228	78	83,532	385,663
40	Bookbinding, &c	6	9,800	13,666	17	10	7,524	27,345
41	Boots and shoes	3,175	3,455,994	4,120,971	10,989	619	3,443,384	9,867,807
42	Boxes—Packing	25	114,400	123,491	193	.....	88,980	247,596
43	Paper	8	18,000	13,099	37	4	13,308	36,835
44	Sugar	1	1,500	100	4	.....	1,200	1,600
45	Brass and bell founding	7	38,500	31,062	30	.....	10,836	110,020
46	Brass founding	24	130,850	161,961	188	.....	73,344	332,610
47	Brass founding, &c	7	56,000	53,405	101	.....	32,540	141,000
48	Bread	146	303,450	580,913	416	11	134,040	981,408
49	Bread, &c	16	26,800	43,378	41	2	11,604	64,978
50	Bread and crackers	35	62,160	142,961	114	2	37,128	233,157
51	Bread, crackers, &c	207	250,971	704,420	542	4	164,628	1,192,525
52	Brick	532	1,147,710	472,893	5,609	13	1,040,306	2,683,909
53	Bridges	3	21,000	58,340	61	.....	39,600	136,500
54	Britannia ware	2	47,000	31,980	43	.....	18,000	84,000
55	Broom handles	3	7,500	2,150	18	.....	3,636	6,200
56	Brooms	79	80,913	157,367	291	11	80,844	315,942
57	Brushes	19	63,900	68,163	166	23	52,320	150,230
58	Buckskin dressing	1	1,000	2,100	3	.....	720	3,000
59	Burning fluid	1	6,000	6,500	2	.....	960	8,000
60	Camphene	4	11,300	193,955	6	.....	1,800	209,313
61	Camphene and burning fluid	2	34,000	60,050	6	.....	2,364	67,596
62	Caps	13	47,800	57,750	27	38	24,240	114,362
63	Carpentering	288	451,138	746,971	1,529	4	616,164	1,936,617

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
64	Carpenters' tools	4	$86,800	$67,080	157	.....	$27,240	$163,880
65	Carpets	13	5,870	9,971	30	1	7,920	27,036
66	Carriages	921	2,937,585	1,646,688	5,354	4	1,918,192	5,272,859
67	Carriages, children's	5	19,300	8,988	59	.....	21,060	45,759
68	Cars	8	433,417	228,690	355	.....	166,044	604,220
69	Cars and car repairing	5	239,000	53,763	123	.....	57,240	158,290
70	Car wheels	2	60,000	83,560	28	.....	10,560	131,000
71	Carving	8	4,700	3,210	31	.....	13,932	26,100
72	Cement	6	213,000	44,100	237	.....	66,120	149,250
73	Charcoal	6	15,720	19,505	114	.....	38,568	68,040
74	Cheese boxes	14	7,900	4,626	25	.....	7,500	17,055
75	Cheese presses and vats	3	5,400	3,350	6	.....	2,076	10,100
76	Chemicals	10	265,700	150,697	86	.....	29,292	302,140
77	Chimney flues	3	625	1,240	6	.....	1,440	3,700
78	Churns	3	2,600	800	6	.....	2,160	7,200
79	Cider	7	4,000	7,707	18	.....	1,782	13,300
80	Cigars	326	512,725	624,657	1,560	26	474,987	1,686,515
81	Cisterns	1	1,000	1,000	3	.....	1,140	3,100
82	Clocks	1	600	300	1	.....	300	900
83	Clothing	268	1,217,155	1,331,556	1,537	1,954	725,784	2,489,587
84	Clothing, India-rubber	1	400	300	1	.....	240	500
85	Clothing—Ladies' cloaks and mantillas	6	35,000	82,845	2	109	22,680	141,400
86	Men's	772	3,969,646	5,814,386	8,150	7,735	3,001,668	11,418,038
87	Shirts, &c	16	38,900	42,246	12	166	30,612	100,129
88	Coal, bituminous	265	5,165,940	426,693	4,222	11	1,515,912	3,697,362
89	Coffee and spices, ground	17	214,450	678,746	124	.....	40,116	875,650
90	Coffee, essence of	1	500	1,150	2	.....	480	2,500
91	Coffee roasters	1	600	225	1	.....	336	1,400
92	Coffins	30	57,050	23,101	67	.....	26,688	92,333
93	Coffins, metallic	1	80,000	34,300	60	.....	30,000	153,000
94	Combs	1	500	250	3	.....	1,080	2,000
95	Confectionery	103	263,378	648,096	347	48	113,820	1,091,655
96	Cooperage	1,128	1,509,660	1,301,188	5,769	2	1,758,536	4,138,135
97	Bungs	1	4,000	2,500	4	.....	1,440	10,000
98	Coopers' tools	4	1,000	1,894	12	.....	4,128	9,100
99	Copper mining	31	4,328,500	140,300	3,639	.....	1,390,128	2,288,182
100	Copper smelting	2	110,000	1,573,500	55	.....	30,000	1,766,500
101	Coppersmithing	7	40,900	52,765	28	.....	12,300	90,665
102	Cordage	67	887,080	2,085,786	842	140	255,756	2,700,888
103	Cotton batting	1	3,000	13,500	3	.....	864	18,000
104	Cotton batting and wadding	2	3,200	10,530	8	.....	1,980	15,987
105	Cotton ginning	1	200	612	1	.....	240	1,050
106	Cotton goods	17	926,000	915,280	761	859	307,068	1,595,120
107	Coverlets	1	1,500	1,400	2	1	660	3,000
108	Cutlery	7	11,200	4,398	24	.....	9,120	22,550
109	Cutlery, &c	1	1,500	2,114	4	.....	1,440	7,000
110	Dentistry	29	26,190	28,141	45	.....	25,320	107,765
111	Drain pipe, wooden	1	12,000	4,150	40	.....	12,480	28,000
112	Drain tile	11	53,500	5,663	58	1	15,120	54,200
113	Dyeing	1	300	100	3	.....	1,200	2,000
114	Dyeing and bleaching	1	300	200	1	.....	216	1,000
115	Dyeing, &c	2	600	1,425	3	.....	984	4,700
116	Edge tools	12	18,000	16,722	51	.....	15,612	56,735
117	Edge tools and axes	3	2,600	2,138	8	.....	1,530	6,080
118	Engraving	3	1,900	1,100	11	.....	3,480	5,000
119	Engraving, metal	2	3,300	2,150	12	.....	5,700	12,550
120	Envelopes	1	3,800	1,000	1	3	1,200	4,000
121	Essential oils—Peppermint	14	2,850	5,769	36	.....	2,547	13,659
122	Fancy goods	1	500	100	2	.....	480	600
123	Fertilizers	1	1,500	2,000	4	.....	1,440	6,400
124	Fertilizers, bone dust	1	600	300	1	.....	300	1,225
125	Fire-arms	72	56,664	28,057	115	.....	39,864	105,834
126	Fire-brick	2	16,000	11,825	39	.....	3,650	27,200
127	Fisheries	187	210,169	87,753	933	63	118,496	457,117

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
128	Fisheries—White fish, &c.	61	$84,150	$59,291	281	.....	$33,399	$126,474
129	Fish nets	1	100	2,132	.....	25	1,200	5,000
130	Flax dressing	7	15,600	15,600	44	.....	12,780	55,965
131	Flour and meal	4,471	33,609,945	90,288,518	10,951	28	3,694,609	108,307,222
132	Furnaces, hot air	2	24,000	13,100	20	.....	9,120	39,000
133	Furniture—Cabinet	1,213	3,682,123	1,718,575	6,865	105	2,376,624	6,318,511
134	Bedsteads	62	496,225	132,705	794	61	242,796	618,115
135	Chairs	4	199,400	103,170	332	.....	85,500	377,570
136	Furs	5	60,000	88,500	53	9	32,580	164,058
137	Gas, illuminating	57	5,025,966	332,292	789	.....	321,624	1,651,335
138	Gas fitting	3	47,600	25,250	34	.....	15,180	58,200
139	Gas fixtures	2	11,200	4,720	22	.....	8,160	27,000
140	Gasometers and tanks	2	17,000	24,000	37	.....	14,184	43,500
141	Ginseng	3	10,000	4,520	5	.....	1,560	6,850
142	Glass cutting	1	700	725	2	.....	600	2,500
143	Glass, stained	2	8,000	10,000	10	.....	5,040	17,000
144	Glassware	7	124,700	72,275	338	.....	124,464	438,400
145	Gloves	2	6,000	6,292	8	25	5,520	12,600
146	Gloves and mittens	1	1,200	600	1	4	720	2,125
147	Gloves, buckskin	1	500	750	1	.....	240	1,200
148	Gloves and mittens, buckskin	3	4,000	2,500	6	12	4,812	8,900
149	Glue	17	102,700	109,505	135	1	38,244	174,240
150	Gold leaf	2	2,750	9,600	8	.....	6,240	18,000
151	Gold mining	135	445,065	635,125	928	35	560,100	2,000,160
152	Grates	2	24,000	13,300	50	.....	21,600	85,000
153	Grates, enamelled	1	1,000	4,375	3	.....	1,440	8,000
154	Grease, lubricating	2	10,200	9,740	7	.....	2,280	15,946
155	Grindstone quarrying	1	20,000	.....	20	.....	3,600	2,400
156	Grindstones	10	80,800	12,800	125	.....	38,040	64,640
157	Gunpowder	4	172,000	187,100	53	.....	27,000	245,000
158	Hair jewelry, &c.	1	5,000	4,000	.....	5	960	10,000
159	Hames	5	10,800	7,740	34	.....	9,072	27,300
160	Hardware—Miscellaneous	3	7,100	9,291	14	.....	5,172	18,500
161	Apple parers	1	2,000	3,184	10	.....	4,800	8,100
162	Bedstead fasteners	1	6,000	1,440	3	.....	1,260	7,040
163	Builders'	2	42,500	111,330	280	.....	54,900	228,000
164	Files	7	9,700	4,647	40	.....	15,840	32,266
165	Locks	2	3,800	1,180	6	.....	1,800	4,000
166	Planes	5	10,200	8,735	20	.....	8,748	20,580
167	Sash fasteners	1	400	624	3	.....	540	1,250
168	Squares, bevels, &c.	1	2,000	2,000	8	.....	3,456	7,000
169	Hats	51	97,650	79,439	111	41	46,276	202,658
170	Hats and caps	28	56,225	41,994	57	14	25,860	98,980
171	Hay pressing	1	25,000	.....	22	.....	6,600	13,000
172	Hemp, dressed	1	3,000	40,000	10	.....	2,400	60,000
173	Hoisting apparatus	2	5,500	4,000	8	.....	3,000	8,500
174	Horseshoe nails	1	100	516	3	.....	1,080	2,600
175	Hosiery	16	24,600	27,615	37	13	13,908	58,380
176	Husks, prepared	2	1,200	2,630	6	.....	1,500	6,200
177	Ice	7	32,300	38,420	55	.....	17,940	122,300
178	Ink, printing	1	1,000	1,988	1	.....	360	3,600
179	Ink, writing	3	5,800	4,355	16	1	4,224	19,500
180	Instruments—Dental and surgical	6	16,300	11,405	23	.....	10,692	31,400
181	Mathematical	2	5,500	3,513	7	.....	2,460	9,220
182	Mathematical and philosophical	2	5,700	1,680	5	.....	2,136	8,000
183	Mathematical, optical, &c.	3	17,500	4,000	13	.....	5,808	16,000
184	Optical	1	400	100	1	.....	360	600
185	Philosophical; barometers and thermometers	1	4,500	2,250	8	.....	3,456	14,000
186	Iron, bar and railroad	3	333,500	395,800	368	.....	93,360	709,500
187	Iron, bar, sheet, and boiler	2	525,000	171,202	275	.....	125,100	670,000
188	Iron, bar, sheet, and railroad	13	961,800	1,719,798	1,326	.....	533,700	2,806,200
189	Iron, bar, sheet, railroad, &c.	5	1,350,000	776,250	640	.....	249,000	1,183,150
190	Iron blooms	3	130,800	37,780	53	5	20,436	64,835
191	Iron castings	223	2,504,839	1,464,420	2,792	.....	1,042,176	3,618,753

MANUFACTURES, TOTALS OF, 1860

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
192	Iron stoves	51	$1,698,800	$877,473	1,670	.....	$732,180	$2,368,610
193	Iron forging	5	88,000	57,080	55	.....	22,620	120,000
194	Iron ore	3	550,000	63,500	170	.....	62,400	390,000
195	Iron ore mining	2	300	.....	8	.....	1,800	4,100
196	Iron, ornamental	1	40,000	37,562	100	.....	48,000	110,000
197	Iron pavements	1	5,000	16,032	25	.....	13,500	49,500
198	Iron, perforated	1	4,000	6,508	5	.....	1,800	8,750
199	Iron, pig	76	6,223,000	2,238,898	4,017	4	1,276,248	4,447,255
200	Iron railing	18	64,075	129,629	229	.....	92,976	324,445
201	Iron, railroad	1	200,000	445,000	195	.....	96,000	660,000
202	Iron work, ornamental	1	2,000	1,950	10	.....	3,600	6,000
203	Ivory black	1	5,000	2,000	6	.....	2,040	6,000
204	Japanned tin ware	1	25,000	32,800	75	.....	16,800	100,000
205	Jewelry	35	65,500	76,534	90	.....	40,860	165,995
206	Gold pens	3	7,000	3,010	11	.....	3,696	15,300
207	Jewelry, &c	9	17,750	15,800	22	5	11,484	40,336
208	Kindling wood	3	1,400	4,816	5	.....	1,680	7,408
209	Lamps and lanterns	1	2,500	1,543	5	.....	2,100	6,050
210	Lamps, locomotive	1	10,000	3,800	7	.....	3,000	6,625
211	Lasts	4	14,500	11,050	34	.....	11,400	41,425
212	Lead and lead pipe	1	25,000	50,000	5	.....	2,400	90,000
213	Lead mining	34	67,200	11,000	108	.....	27,576	72,953
214	Lead, pig	23	218,922	724,297	164	.....	45,084	839,222
215	Lead pipe and sheet lead	1	75,000	100,600	12	.....	7,200	130,000
216	Lead smelting	5	68,000	214,264	39	.....	13,176	254,900
217	Leather	1,126	4,707,816	4,309,517	3,629	10	1,104,208	7,451,122
218	Leather—Morocco	8	21,600	38,280	37	2	12,036	72,600
219	Patent and enamelled	1	30,000	25,000	25	.....	10,800	51,000
220	Leather belting	1	15,000	25,000	6	.....	2,880	32,500
221	Leather belting and hose	3	18,600	41,450	16	.....	7,800	77,000
222	Leather currying	2	3,500	5,644	4	.....	2,280	8,400
223	Lightning-rods	12	50,210	63,438	51	.....	18,588	132,240
224	Lime	111	286,143	178,333	440	.....	103,735	535,769
225	Liquors—Distilled	494	6,117,332	9,781,791	3,190	10	1,030,781	14,995,302
226	Malt	647	5,980,612	2,840,147	2,585	10	868,558	7,236,025
227	Rectified	99	956,065	3,041,625	296	.....	125,304	3,895,286
228	Rectified and manufactured	3	6,500	8,478	7	.....	2,580	20,071
229	Wine	7	38,000	27,300	17	.....	7,200	56,875
230	Lithography	3	11,800	13,434	35	1	11,532	41,730
231	Locksmithing	1	800	200	2	.....	600	900
232	Locksmithing and bell-hanging	15	52,230	21,157	67	.....	29,592	79,166
233	Locomotives and locomotive repairing	2	190,000	102,800	250	.....	108,000	250,000
234	Looking-glass and picture frames	20	53,650	45,480	131	1	47,340	165,825
235	Lubricating grease	2	2,900	5,920	3	.....	780	7,400
236	Lumber, planed	159	1,094,650	1,948,022	1,059	.....	392,518	2,910,455
237	Lumber, sawed	6,866	27,359,789	15,179,003	26,986	268	7,529,537	34,173,829
238	Macaroni and vermicelli	1	1,500	950	4	.....	1,200	3,900
239	Machinery, cotton and woollen	3	13,500	4,470	18	.....	7,800	16,480
240	Machinery, steam-engines, &c	329	8,000,232	4,197,844	8,951	.....	3,386,024	11,501,299
241	Machinery—Portable saw-mills	1	7,000	400	7	.....	2,420	8,000
242	Malt	24	296,850	376,485	103	.....	40,488	540,252
243	Malt kilns	2	2,300	2,400	9	.....	2,340	7,000
244	Map mounting and coloring	1	200	200	2	.....	816	2,000
245	Maps	1	2,000	1,300	1	2	840	4,000
246	Marble and stone work	320	1,005,910	969,321	2,211	1	827,548	2,500,017
247	Matches	24	66,450	62,370	161	94	52,248	245,896
248	Mattresses	15	19,635	8,289	24	8	7,632	26,416
249	Mattresses, &c	4	2,800	2,945	11	5	2,448	10,283
250	Medicines, extracts, &c	40	172,460	190,137	163	6	47,031	449,531
251	Mill furnishing	1	2,000	7,000	6	.....	1,800	15,000
252	Millinery	126	174,870	270,160	11	626	116,156	565,296
253	Millinery and dress-making	44	48,950	76,177	10	186	40,344	204,873
254	Mills, portable	2	52,000	17,850	33	.....	14,400	56,900
255	Millstones and portable mills	1	25,000	10,450	25	.....	9,600	30,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
256	Millstones, burr	5	$36,000	$22,775	33	.....	$11,088	$64,250
257	Millstones, burr, &c	1	3,500	4,000	7	.....	3,372	10,000
258	Millwrighting	8	20,800	21,366	52	.....	17,660	80,582
259	Mineral water	31	85,450	94,245	149	.....	41,468	226,886
260	Musical instruments—Miscellaneous	17	29,050	20,371	48	.....	18,696	65,050
261	Dulcimers	1	3,000	1,565	3	.....	1,260	4,730
262	Melodeons	4	17,100	10,990	35	.....	13,800	43,120
263	Organs	2	11,500	3,600	12	.....	6,900	14,000
264	Piano-fortes	11	69,000	55,593	87	.....	38,292	159,750
265	Mustard	4	21,000	33,984	17	.....	5,700	79,450
266	Nails	8	232,200	270,041	373	.....	119,652	442,085
267	Oars	3	2,100	580	6	.....	1,728	3,140
268	Oil—Castor	1	15,000	47,500	10	.....	6,000	60,000
269	Coal	23	298,000	146,196	239	.....	86,316	478,695
270	Cotton-seed	1	40,000	43,000	30	.....	13,200	66,500
271	Fish, (whale)	1	500	4,800	2	.....	720	6,000
272	Kerosene	5	1,568,000	77,530	270	.....	95,400	445,143
273	Lard	8	135,650	152,041	30	4	9,012	239,860
274	Linseed	34	455,700	686,340	191	.....	73,010	942,406
275	Oil-cloth	3	9,500	7,525	16	.....	5,724	26,200
276	Oil tanks	1	1,500	1,627	3	.....	720	2,410
277	Ornaments, plaster	6	1,600	2,600	11	.....	3,360	10,970
278	Painting	36	17,925	24,395	76	.....	27,504	79,184
279	Paints	3	8,000	25,130	16	.....	7,500	72,000
280	Paper	6	258,000	167,635	81	72	43,188	315,114
281	Paper—Printing	21	748,000	663,636	430	192	163,632	1,163,226
282	Printing and wrapping	12	194,603	99,860	93	38	38,628	200,138
283	Wrapping	13	176,000	135,097	133	60	51,588	349,315
284	Writing	1	10,000	7,950	10	.....	2,400	14,000
285	Patterns	1	3,000	3,000	5	.....	2,400	7,000
286	Patterns and models	4	24,800	3,087	31	.....	12,096	30,560
287	Perfumery	2	1,500	655	4	.....	1,140	3,400
288	Photographs	54	85,850	42,680	102	15	46,368	154,661
289	Plaster, ground	12	274,400	56,615	157	.....	48,132	173,100
290	Plaster ornaments	1	500	50	1	.....	480	750
291	Plaster, quarrying	2	90,000	6,000	100	.....	24,000	38,000
292	Plastering	4	2,150	5,000	19	.....	7,500	15,900
293	Plastering, ornamental	4	2,000	4,492	14	.....	4,560	14,100
294	Plumbing	1	7,370	16,395	16	.....	4,716	35,000
295	Plumbing and gas-fitting	24	60,800	81,205	119	.....	49,260	204,210
296	Pocket-books, &c	1	6,000	5,000	10	.....	4,200	15,000
297	Pottery and stone ware	15	14,835	6,185	58	.....	16,152	36,465
298	Pottery ware	242	393,950	134,933	1,060	34	334,932	733,429
299	Printing	243	1,513,224	1,227,483	2,001	353	775,708	2,794,356
300	Printing and publishing	5	15,300	4,545	23	.....	9,672	24,675
301	Printing, newspaper and job	239	1,067,045	500,684	1,622	13	608,542	1,727,250
302	Printing presses	1	15,000	6,400	25	.....	9,000	23,500
303	Provisions—Pork, &c	65	3,370,441	6,471,293	2,818	.....	313,995	8,459,195
304	Pork and beef	50	2,651,738	5,134,226	984	9	253,131	6,307,879
305	Pork, beef, &c	46	1,766,600	4,543,364	490	.....	156,264	5,169,852
306	Minced meat	1	2,500	11,640	5	.....	1,920	18,000
307	Sausages	11	3,500	3,820	12	.....	3,000	11,420
308	Pumps	71	72,720	49,456	174	.....	56,208	177,704
309	Pumps, &c	7	14,700	6,347	25	.....	8,172	27,130
310	Railroad chairs and spikes	1	19,840	75,000	15	.....	7,200	93,000
311	Regalia	2	8,000	4,500	3	9	2,916	14,000
312	Regalia, masonic	1	1,000	4,500	1	4	1,320	7,000
313	Roofing	1	5,000	96	3	.....	840	1,000
314	Roofing, composition	2	2,600	9,095	14	.....	4,500	15,500
315	Roofing, metallic	5	22,800	65,912	66	.....	23,928	125,000
316	Roofing, tin, &c	3	47,000	17,175	23	.....	960	37,800
317	Saddlery and harness	1,389	1,875,986	2,017,690	3,882	15	1,245,166	4,402,154
318	Saddle-trees	18	22,500	19,168	112	1	33,492	87,287
319	Safes, fire-proof	7	109,900	103,395	179	.....	84,240	285,950

MANUFACTURES, TOTALS OF, 1860

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
320	Safes, provision	3	$10,000	$4,115	23	.....	$8,340	$19,500
321	Sails	6	9,700	27,935	20	.....	9,072	43,880
322	Saleratus	1	1,000	6,090	3	.....	900	7,500
323	Salt	36	546,700	151,352	404	8	111,382	328,661
324	Sash, doors, and blinds	321	1,870,592	1,260,263	2,568	.....	944,360	3,113,678
325	Sauce, Worcestershire	1	2,000	900	2	.....	960	4,000
326	Sausages	1	1,000	3,000	3	.....	432	4,000
327	Saws	10	99,800	76,190	81	.....	34,344	187,314
328	Saws, &c	1	3,000	40,850	20	.....	3,600	79,000
329	Scales	6	20,500	9,125	32	.....	13,092	48,500
330	Scales and balances	7	13,300	24,792	35	.....	13,260	65,500
331	Seal presses	2	14,000	5,500	8	.....	3,360	24,000
332	Sewing machines	21	73,000	73,824	187	.....	66,264	276,235
333	Shingles	225	414,755	262,624	831	2	201,948	683,099
334	Ship and boat building	53	463,710	362,062	865	.....	337,704	842,669
335	Ship carpentering	1	1,000	2,200	8	.....	1,920	5,000
336	Shoe findings	1	4,000	2,695	10	.....	2,880	12,000
337	Shoemakers' tools	1	1,500	4,500	2	.....	900	8,000
338	Shoe pegs	2	16,500	3,500	26	4	10,500	27,500
339	Shot	1	10,000	25,550	4	.....	1,200	35,000
340	Shovels, &c	1	300	600	1	.....	120	1,400
341	Show cases	4	10,100	14,200	19	.....	8,400	34,000
342	Silk fringes, trimmings, &c	4	11,300	14,300	11	14	5,732	41,200
343	Silver-plated ware	5	17,000	6,246	25	.....	11,064	29,300
344	Silver-plating	3	3,600	3,720	9	.....	3,960	14,000
345	Silver ware	14	69,800	158,220	89	4	44,980	239,250
346	Sirups	1	600	385	1	.....	240	800
347	Soap and candles	95	1,154,410	2,180,871	612	76	219,456	3,231,977
348	Soap, candles, and lard-oil	62	1,081,570	2,716,993	395	50	141,600	3,828,564
349	Sorghum sirup	8	9,300	4,903	25	.....	4,692	23,870
350	Spelter	1	5,000	2,420	6	.....	2,160	10,800
351	Splints	1	1,200	5,795	8	.....	3,120	21,640
352	Spokes, hubs, and felloes	15	212,500	91,848	178	.....	60,816	281,015
353	Spokes, hubs, &c	1	1,000	450	4	.....	1,920	4,000
354	Spokes, hubs, felloes, &c	31	299,800	111,760	373	.....	129,968	429,162
355	Stair building	2	600	344	4	.....	1,656	2,050
356	Starch	10	507,500	325,425	240	.....	67,800	1,005,200
357	Stationery—Lead pencils	1	100	500	1	.....	600	3,000
358	Staves	6	29,300	23,250	32	.....	8,976	51,740
359	Staves, heading, and hoops	6	29,000	20,935	66	.....	21,420	80,650
360	Staves, heading, &c	5	14,000	24,685	33	.....	8,520	39,430
361	Staves, hoops, heading, &c	17	86,700	83,290	162	.....	54,882	171,260
362	Staves, shooks, and heading	1	3,000	300	1	.....	360	800
363	Staves, shooks, &c	9	34,825	24 140	65	.....	19,692	54,800
364	Stencils and brands	2	1,600	940	4	.....	1,320	3,875
365	Stone-cutters' tools	1	200	100	1	.....	360	850
366	Stone quarrying	61	208,325	22,598	581	1	180,136	406,824
367	Stucco work	2	1,500	1,100	4	.....	1,920	19,000
368	Sugar and molasses	2	1,300	477	5	.....	800	2,280
369	Sugar evaporators	2	11,000	11,060	27	.....	9,456	31,000
370	Sugar, refined	4	1,162,600	1,792,600	299	.....	105,060	2,229,390
371	Sugar refining	1	13,000	727,000	75	.....	27,000	860,000
372	Tags	1	3,500	4,500	2	15	2,664	10,000
373	Terra-cotta ware	2	11,750	2,345	16	.....	5,760	18,000
374	Timber cutting	8	38,700	13,000	117	.....	19,404	36,560
375	Tin, copper, and sheet-iron ware	1,237	2,750,239	2,279,388	3,236	1	1,170,176	4,905,338
376	Tinners' tools and machines	1	1,000	1,188	5	.....	2,100	3,500
377	Tobacco, manufactured	166	3,121,967	3,136,574	3,479	315	803,908	4,991,843
378	Trunks	4	15,400	14,880	27	.....	9,792	48,820
379	Trunks, &c	2	14,500	18,450	28	.....	9,216	58,000
380	Trunks, valises, &c	6	44,400	12,735	49	.....	14,700	56,096
381	Trunks, valises, and carpet-bags	14	70,200	91,097	240	.....	67,608	260,370
382	Trusses, supporters, &c	2	4,500	1,381	5	4	3,228	8,600
383	Truss hoops	1	150	172	1	.....	480	800

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
384	Turning, ivory	1	$1,000	$2,600	1	.....	$480	$3,300
385	Turning, moulding, &c	9	28,250	10,268	32	.....	9,264	32,125
386	Turning, scroll-sawing, and moulding	22	78,900	97,574	274	.....	80,172	278,610
387	Turning, scroll-sawing, &c	1	2,000	350	3	.....	672	5,000
388	Turning, wood	6	5,500	4,985	15	.....	5,352	15,157
389	Turning, wood, &c	4	9,500	3,420	17	.....	4,500	13,400
390	Type and stereotype founding	3	99,000	61,500	162	20	75,408	210,000
391	Type founding	2	45,000	8,626	30	26	16,824	41,100
392	Umbrellas	5	11,600	14,064	12	5	5,484	38,750
393	Upholstering	20	75,300	122,253	102	63	44,184	252,188
394	Upholstery	14	45,650	67,207	56	51	28,776	150,575
395	Varnish	4	200,400	197,899	28	.....	15,480	395,100
396	Veneers	2	10,000	5,900	14	.....	5,508	30,600
397	Veneers, mahogany	1	1,000	800	2	2	1,560	10,000
398	Venetian blinds	6	3,700	11,775	20	6	7,308	22,700
399	Vinegar	54	78,100	130,030	89	.....	27,480	282,719
400	Wagons, carts, &c	1,185	1,434,030	826,994	3,420	1	1,080,695	2,829,091
401	Washing machines	12	7,400	6,478	27	.....	9,600	31,510
402	Watch lathes	1	700	40	5	.....	1,800	3,250
403	Watchmakers' lathes	1	1,000	112	2	.....	600	1,500
404	Watch repairing, &c	5	3,975	625	6	.....	2,388	4,650
405	Watch repairing, silversmithing, &c	8	15,400	7,100	17	.....	6,504	18,050
406	Wax work	1	100	100	1	.....	312	600
407	Whetstones	1	15,000	5,000	15	.....	2,400	15,600
408	Whips	3	1,000	1,420	6	.....	2,160	5,200
409	Whips and lashes	2	3,500	2,750	11	3	2,400	9,000
410	White lead	12	373,500	780,082	244	.....	99,132	1,058,200
411	Wigs and hair work	9	19,000	17,550	24	3	8,520	57,900
412	Willow ware	13	16,600	7,684	31	6	10,392	35,825
413	Wire	1	17,000	30,190	15	.....	6,240	39,000
414	Wire cloth	1	400	850	1	1	456	2,025
415	Wire work	8	29,550	23,062	102	1	17,604	77,540
416	Wooden clothes frames	1	1,000	195	4	.....	960	1,500
417	Wooden screws	1	500	150	2	.....	720	1,000
418	Wooden ware	25	358,500	347,547	582	.....	200,244	866,339
419	Wood work—Ladders	1	2,000	7,500	4	.....	1,680	12,500
420	Wool carding	328	564,160	939,739	597	34	165,315	1,298,320
421	Woollen goods	306	2,129,991	1,729,350	1,757	524	577,812	3,090,472
422	Wool pulling	7	48,000	101,635	41	7	12,948	145,717
	Total	36,785	194,212,543	225,618,813	194,081	15,828	63,573,307	384,606,530

NOTE.—Lard oil, in the State of Ohio, is included with Soap and Candles, having been so returned by the Marshal's Assistants.

TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

OR

THE SOUTHERN STATES,

(VIRGINIA, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, FLORIDA, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, ARKANSAS, AND TENNESSEE.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Agricultural implements—Miscellaneous	230	$646,415	$298,981	1,050	2	$343,644	$986,073
2	Fanning mills	2	400	750	5	.....	1,740	5,300
3	Grain cradles	1	500	240	2	.....	600	1,200
4	Ploughs	2	1,400	1,430	6	.....	960	4,400
5	Threshers	6	15,550	9,168	32	.....	9,288	21,940
6	Arrow-root	1	1,000	200	6	4	1,008	1,376
7	Bagging	3	9,500	11,500	21	5	3,600	19,000
8	Bark, ground, (sumac)	2	9,200	9,200	8	.....	1,920	14,000
9	Baskets	4	2,500	3,800	8	8	2,904	8,590
10	Bellows	2	12,000	4,350	11	.....	3,360	21,900
11	Bells	2	3,000	4,000	7	.....	2,100	9,600
12	Billiard tables	1	5,000	9,500	10	.....	6,000	25,000
13	Blacksmithing	1,560	1,090,143	671,095	3,695	1	1,018,292	2,378,843
14	Blocks and pumps	3	3,300	2,085	5	.....	3,780	6,250
15	Bookbinding	13	30,350	31,630	39	3	16,164	50,500
16	Bookbinding and blank books	4	46,000	29,250	27	.....	16,440	49,000
17	Boots and shoes	1,365	1,444,772	1,644,330	4,000	315	1,403,058	3,973,313
18	Boxes—Paper	1	1,800	2,500	2	.....	1,200	6,000
19	Tobacco	13	21,395	42,985	100	.....	35,928	100,828
20	Brass founding	4	14,400	4,756	10	.....	3,960	16,000
21	Bread	99	198,033	780,709	352	2	117,720	1,255,842
22	Bread and crackers	4	14,500	36,200	16	1	6,036	73,900
23	Bread, crackers, &c	14	30,650	129,145	100	6	33,360	204,900
24	Brick	177	1,500,473	273,640	2,482	358	499,274	1,418,412
25	Bridges	1	40,000	25,000	25	.....	9,000	50,000
26	Brooms	2	1,500	2,000	6	.....	1,560	5,800
27	Buckskin dressing	1	150	2,200	3	.....	450	3,100
28	Calico printing	1	12,000	6,400	3	.....	1,200	9,000
29	Camphene	1	2,000	3,000	3	.....	1,440	9,000
30	Carpentering	155	434,125	588,338	1,004	2	409,116	1,367,971
31	Carriages	597	2,424,631	1,116,319	4,082	19	1,454,800	3,959,123
32	Cars	13	462,000	202,741	516	.....	196,824	705,880
33	Cars and car repairing	2	80,000	22,200	55	7	13,884	80,000
34	Carving	1	3,000	600	10	.....	2,400	15,000
35	Cement	2	85,000	58,720	180	.....	52,800	210,000
36	Charcoal	14	3,175	1,325	31	1	10,380	15,290
37	Chemicals	2	6,100	4,500	5	.....	1,800	10,000
38	Bi-sulphate of lime	1	7,000	6,500	10	.....	7,200	20,000
39	Chocolate	1	300	2,000	1	.....	360	5,000
40	Cigars	66	80,300	108,331	252	3	83,412	341,775
41	Cisterns	20	15,900	55,537	46	.....	22,080	140,350
42	Clothing, ladies'	6	1,450	24,900	.....	18	3,504	36,500
43	Cloaks and mantillas	2	300	2,500	.....	9	2,400	8,330
44	Corsets	1	2,000	680	.....	2	720	3,500
45	Hoop skirts	1	350	1,500	.....	15	2,400	4,670
46	Clothing, men's	352	639,995	1,239,983	1,038	681	562,936	2,573,045
47	Coal, bituminous	36	3,185,700	154,995	1,653	6	570,756	1,270,040
48	Coffee and spices, ground	2	5,400	17,400	4	.....	1,920	27,800
49	Coffins	14	12,700	18,635	27	1	11,904	43,536
50	Combs	1	500	1,100	1	.....	600	3,500
51	Confectionery	96	133,700	191,581	149	5	53,808	390,305
52	Cooperage	281	394,918	365,438	1,282	2	417,609	1,119,199
53	Copper mining	4	2,780,000	272,764	615	10	160,560	509,000
54	Copper ore	5	85,000	7,500	87	2	22,488	40,633
55	Copper smelting	2	325,000	18,600	72	.....	18,720	47,880
56	Coppersmithing	4	18,800	10,850	19	.....	10,740	33,200
57	Cordage	7	133,500	211,500	81	17	94,992	260,650
58	Cordials	1	1,575	5,650	7	.....	2,520	20,000
59	Corn meal	15	22,325	58,773	17	.....	5,400	68,752
60	Cotton ginning	88	92,457	367,134	264	6	52,404	552,585
61	Cotton-gins	54	673,225	248,338	527	2	217,920	1,028,715
62	Cotton goods	157	9,129,221	4,683,631	3,859	6,082	1,425,770	8,072,067
63	Cotton pressing	5	149,700	3,610	64	.....	25,920	89,650

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
64	Cotton yarn	2	$37,000	$11,600	14	11	$4,428	$23,000
65	Cutlery	1	800	1,000	2	.....	1,200	4,000
66	Dentistry	11	11,450	6,106	15	.....	6,960	21,760
67	Dyeing and bleaching	1	100	300	1	.....	432	1,200
68	Edge tools	2	4,500	3,810	7	.....	1,680	8,500
69	Fertilizers	3	37,400	203,250	34	.....	11,100	224,200
70	Fire-arms	41	44,005	17,246	75	.....	29,460	72,652
71	Fisheries	2	1,550	500	8	.....	1,440	1,350
72	Fisheries—Oyster	135	98,652	48,990	448	3	60,420	146,885
73	Shad, herring, &c	60	101,302	38,349	1,265	138	49,374	185,469
74	Fish—Fresh	6	30,500	1,250	86	.....	16,200	31,250
75	Salted	4	17,000	1,500	90	.....	17,400	37,702
76	Flour and meal	3,806	14,059,911	32,083,045	5,943	21	1,454,736	37,996,470
77	Furniture—Cabinet	394	678,241	346,022	1,302	7	435,786	1,208,693
78	Chairs	1	250	400	1	.....	360	1,145
79	Gas	12	906,450	104,751	109	.....	45,444	318,424
80	Gas, illuminating	1	125,000	22,000	20	.....	1,800	58,000
81	Glassware	2	140,000	93,000	240	.....	72,000	220,000
82	Gloves, mittens, &c	4	3,000	6,485	12	22	4,692	12,420
83	Glue	1	1,000	1,000	2	.....	480	1,550
84	Gold mining	17	471,150	59,202	557	16	97,905	224,199
85	Grain threshing	1	500	200	3	.....	180	600
86	Gunpowder	2	30,000	12,640	13	.....	3,900	28,840
87	Hardware—Coach and saddlery	1	800	920	4	.....	2,160	7,000
88	Files	1	1,200	2,070	10	.....	1,200	4,000
89	Locks	1	500	400	1	.....	360	1,200
90	Locks, &c	2	3,500	1,950	9	.....	3,960	8,000
91	Planes	1	250	125	1	.....	360	550
92	Hats	28	56,207	47,014	80	16	27,648	113,689
93	Hats and caps	18	31,700	21,678	38	8	16,104	56,475
94	Hats, wool	3	6,750	2,225	7	2	2,760	7,600
95	Iron, bar	2	33,000	3,325	15	.....	3,000	8,550
96	Iron, bar, &c	25	165,250	34,909	129	.....	26,148	99,656
97	Iron, bar and railroad	2	102,200	63,462	104	.....	36,864	139,630
98	Iron, bar, boiler plate, &c	35	284,835	337,942	344	35	67,672	543,398
99	Iron, bar, railroad, and sheet	20	1,047,725	854,466	1,382	.....	430,086	1,666,885
100	Iron bedsteads	1	5,000	18,000	13	.....	7,800	35,000
101	Iron blooms	4	115,000	212,614	116	10	29,484	283,580
102	Iron castings	96	903,182	526,932	1,101	.....	404,082	1,422,590
103	Stoves	2	14,500	5,350	18	.....	8,040	16,500
104	Iron forging	1	10,000	20,000	16	.....	7,200	42,750
105	Iron hoops	1	50,000	101,800	25	.....	7,500	156,750
106	Iron, pig	39	1,934,080	365,023	1,670	65	368,206	953,903
107	Iron railing	4	16,500	22,173	44	.....	21,120	65,000
108	Jewelry	2	3,300	1,050	4	.....	2,040	4,000
109	Jewelry, &c	7	33,500	20,776	22	.....	12,180	55,200
110	Lead and shot	1	300,000	18,670	125	.....	21,600	52,000
111	Lead ore	1	5,000	1,460	40	.....	3,600	9,000
112	Leather	1,246	3,392,726	2,458,114	2,988	18	763,052	4,426,870
113	Lime	15	88,672	27,570	127	22	32,016	132,494
114	Liquors—Distilled	326	648,651	725,703	597	1	138,360	1,192,003
115	Malt	27	273,750	305,709	175	.....	72,840	565,299
116	Wine	2	200	555	2	4	460	1,550
117	Locomotives	1	20,000	120,700	30	.....	9,360	133,000
118	Looking-glass and picture frames	6	18,100	31,120	24	.....	13,044	61,500
119	Lumber—Planed	32	417,365	626,612	325	2	112,584	1,043,427
120	Sawed	3,598	13,437,080	7,244,139	15,324	321	3,861,375	18,653,436
121	Macaroni and vermicelli	2	21,000	17,680	10	1	5,820	41,500
122	Machinery—Cotton and woollen	1	9,000	1,413	8	.....	2,880	6,125
123	Bobbins and spools	1	5,000	1,000	7	.....	1,596	4,000
124	Steam-engines	6	455,846	32,110	142	.....	48,000	116,150
125	Steam-engines, &c	109	5,037,157	1,739,933	4,328	.....	1,789,428	5,624,375
126	Manganese	1	2,000	500	10	.....	3,600	5,250
127	Marble and stone work	51	290,130	333,942	401	.....	193,682	798,985

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
128	Marble work	11	$192,100	$37,810	91	1	$45,624	$132,000
129	Mattresses	12	6,400	14,885	27	3	9,660	36,050
130	Mattresses, &c	1	120	782	1	1	636	1,750
131	Mattresses, beds, &c	1	800	1,720	2	.....	720	2,700
132	Medicines	1	2,000	9,300	4	1	720	24,000
133	Medicines, &c	2	1,750	900	4	.....	1,560	4,466
134	Medicines, extracts, &c	2	1,700	3,470	2	.....	960	10,025
135	Millinery	19	71,397	74,218	.....	74	16,620	121,354
136	Millinery and dressmaking	30	16,400	63,350	.....	99	32,556	188,425
137	Millinery goods—Artificial flowers	1	500	1,000	1	2	960	2,600
138	Millstones	1	25	120	1	.....	300	1,200
139	Millstones, burr	1	100	50	2	.....	600	1,050
140	Millwrighting	8	5,950	7,510	27	.....	10,800	30,350
141	Mineral water	3	4,800	7,566	13	.....	5,136	43,120
142	Molasses, refined	2	10,500	87,000	21	.....	6,384	98,600
143	Musical instruments—Pianos, &c	1	2,000	800	12	.....	3,000	4,200
144	Nails	1	10,000	45,075	16	.....	8,000	59,673
145	Nails and spikes	5	632,000	710,707	1,026	.....	368,280	1,232,000
146	Oil, coal	8	1,248,000	27,451	180	.....	54,036	277,376
147	Oil, coal, refined	1	10,000	5,000	2	.....	1,200	8,000
148	Oil, cotton-seed	4	141,000	302,000	105	.....	44,160	480,000
149	Oil, lard	3	44,600	97,000	11	.....	3,840	117,000
150	Oil, linseed	8	4,400	3,843	8	.....	2,056	9,500
151	Oil, neatsfoot	1	1,000	400	1	.....	120	750
152	Oil, rosin	3	368,000	65,600	20	.....	11,400	192,000
153	Oilstones	1	1,000	200	2	.....	360	2,500
154	Ornamental plaster	1	100	250	2	.....	720	1,225
155	Painting	9	5,315	10,741	36	.....	12,816	28,300
156	Paints	1	300	12	1	.....	300	1,000
157	Paper—Printing	21	544,850	302,385	224	127	122,618	650,103
158	Wrapping	3	28,000	17,980	42	4	14,424	74,400
159	Photographs	13	25,650	12,941	24	.....	15,600	58,600
160	Pipes, clay	1	500	150	3	.....	684	3,750
161	Plaster, ground	52	80,300	91,055	67	.....	11,910	137,052
162	Plaster ornaments	1	250	350	4	.....	1,920	3,200
163	Plaster quarrying	2	17,000	4,000	30	.....	6,600	16,600
164	Plumbing and gas-fitting	5	23,500	23,410	43	.....	18,840	56,800
165	Porcelain ware	1	200,000	25,195	65	4	30,660	78,000
166	Pottery ware	51	44,444	18,964	168	10	44,488	117,750
167	Prepared moss	1	4,000	4,000	5	.....	3,600	18,000
168	Printing	116	936,799	247,472	694	50	284,316	895,230
169	Printing—Newspaper	1	1,700	200	3	.....	960	2,000
170	Newspaper and job	21	181,250	87,241	183	3	102,744	267,974
171	Newspaper, &c	13	42,050	23,518	81	.....	29,892	87,950
172	Provisions—Pork, beef, &c	1	25,000	100,000	50	4	19,200	130,000
173	Preserved food	1	6,000	5,950	12	.....	3,600	15,000
174	Pumps	3	3,500	2,040	8	.....	3,000	7,500
175	Regalia, banners, flags, &c	1	2,000	600	3	.....	432	1,500
176	Rice cleaning	21	454,700	1,070,977	208	213	62,076	1,196,926
177	Rice flour	1	115,000	648,200	76	20	16,560	772,200
178	Roofing, mastic	1	5,000	4,610	5	.....	3,840	10,640
179	Saddlery and harness	528	777,174	691,320	1,487	14	517,187	1,681,978
180	Saddle-trees	5	6,650	2,273	16	.....	4,800	13,700
181	Sails	5	7,900	40,000	22	.....	10,860	64,500
182	Salt	17	605,800	172,504	464	15	159,144	451,484
183	Sash, doors, and blinds	62	482,450	390,457	699	1	290,556	1,093,028
184	Saws	2	8,000	13,200	16	.....	4,992	29,000
185	Scales	1	4,000	1,500	3	.....	1,200	4,000
186	Shingles	33	226,385	28,610	355	14	83,820	157,706
187	Shingles and lath	1	400	200	3	.....	1,800	3,000
188	Ship and boat building	32	641,350	248,430	535	.....	344,424	772,870
189	Ship building	1	1,500	2,200	11	.....	7,920	17,000
190	Ship-carpentering	2	8,000	3,400	18	.....	1,405	23,000
191	Ship-smithing	1	3,000	1,200	6	.....	2,700	4,500

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
192	Signs	2	$1,000	$700	2	.....	$660	$2,600
193	Silver plating	3	1,140	514	3	.....	1,516	4,250
194	Silver ware	1	250	250	1	.....	480	1,250
195	Slate quarrying	4	28,500	11,210	45	.....	16,500	40,500
196	Soap	22	48,400	115,703	74	.....	28,860	251,715
197	Soap and candles	26	187,600	230,062	108	4	30,870	349,132
198	Spars	1	500	1,000	2	.....	1,080	2,500
199	Spokes, hubs, and felloes	4	8,300	4,710	17	.....	3,300	24,699
200	Sponges	1	14,000	.....	250	.....	60,000	72,000
201	Springs, steel	1	500,000	106,300	25	.....	9,600	225,000
202	Stair building	1	500	300	3	.....	1,440	4,000
203	Staves	3	7,000	2,460	31	.....	6,264	20,000
204	Staves, shooks, and heading	5	9,600	7,400	25	.....	7,524	17,775
205	Sugar, refined	2	36,000	149,807	38	.....	24,000	230,337
206	Tar	28	6,000	3,850	45	.....	9,960	44,360
207	Timber cutting	115	143,788	38,579	310	.....	71,184	177,843
208	Timber, hewed	4	16,395	.....	10	.....	1,740	10,400
209	Tin and sheet-iron ware	34	93,650	73,697	99	.....	46,308	181,460
210	Tin, copper, and sheet-iron ware	330	1,104,951	1,145,996	1,316	1	556,018	2,401,972
211	Tobacco, manufactured	409	5,475,938	8,598,024	11,321	2,300	2,425,040	14,612,442
212	Trunks	22	8,600	20,575	26	1	12,396	43,200
213	Trunks, valises, and carpet bags	1	6,000	3,970	12	.....	8,640	18,000
214	Trusses	2	1,900	12,500	2	.....	1,500	8,850
215	Turning, wood	2	3,400	1,655	5	.....	2,040	6,960
216	Turpentine—Crude	1,082	957,648	250,094	2,102	6	394,968	986,366
217	Distilled	596	4,007,258	4,320,519	4,032	135	760,412	6,423,379
218	Upholstery	4	2,280	2,925	7	.....	3,240	8,800
219	Vinegar	2	35,000	33,400	13	.....	5,640	52,500
220	Wagons, carts, &c	669	728,227	394,691	1,894	1	567,990	1,381,887
221	Watch making, jewelry, &c	5	2,150	1,050	6	.....	3,204	5,650
222	Watch repairing and silversmithing	7	5,725	3,098	9	.....	4,260	9,075
223	Watch repairing, silversmithing, and jewelry	3	1,150	755	4	.....	1,620	3,900
224	Watch repairing, silversmithing, &c	13	19,011	16,100	22	.....	11,700	44,200
225	Whips and canes	2	700	855	2	.....	600	2,700
226	Wigs and hair work	1	500	2,000	1	.....	480	6,000
227	Willow ware	2	300	585	3	.....	1,080	1,700
228	Windmills	1	650	250	4	.....	1,728	3,000
229	Wire, iron	1	5,000	5,000	10	.....	3,600	12,750
230	Wire work—Bird cages	2	150	400	2	.....	600	1,400
231	Wooden ware	2	17,000	5,300	19	4	6,468	16,500
232	Wool carding	217	268,770	459,751	298	19	55,624	617,428
233	Woollen goods	78	1,335,600	1,123,828	1,079	689	315,084	1,995,324
	Total	20,631	95,974,585	86,543,152	98,583	12,138	28,681,195	155,531,281

TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

FOR

THE PACIFIC STATES,

(CALIFORNIA AND OREGON.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Agricultural implements, miscellaneous	10	$11,700	$12,259	19	.....	$15,300	$35,705
2	Asphaltum work	1	700	4,090	4	.....	3,600	10,000
3	Bags	5	43,000	341,300	23	.....	18,300	394,280
4	Bee-hives	5	8,900	15,025	15	.....	13,586	31,710
5	Bellows	1	1,000	9,500	10	.....	6,000	20,000
6	Billiard tables	5	11,000	11,675	8	.....	8,220	30,650
7	Blacksmithing	135	144,550	163,216	268	.....	257,100	524,568
8	Bookbinding	5	11,700	10,907	10	5	6,960	32,300
9	Boots and shoes	82	56,775	60,872	137	.....	104,388	207,994
10	Boxes, packing	5	28,400	56,346	42	.....	34,680	259,620
11	Boxes, paper	1	2,000	3,355	5	.....	2,880	8,486
12	Brass founding	2	3,200	3,642	5	.....	4,560	11,800
13	Bread	49	106,400	247,251	117	6	111,096	457,414
14	Brick	17	59,998	57,545	371	.....	139,520	216,555
15	Brooms	6	12,500	39,153	22	.....	19,020	80,916
16	Camphene	3	22,000	366,960	11	.....	9,000	392,350
17	Carpentering	16	17,925	43,643	47	.....	53,160	126,618
18	Carriages	14	159,100	107,647	111	.....	111,180	272,500
19	Carving, &c	1	200	420	2	.....	1,200	3,000
20	Charcoal	2	300	1,000	2	.....	1,380	3,550
21	Chemicals	1	40,000	16,200	5	.....	6,000	34,800
22	Cigars	17	10,950	27,786	32	.....	29,684	75,750
23	Clothing	14	16,265	43,321	30	1	27,396	79,186
24	Coffee and spices, ground	6	27,100	128,206	20	1	15,420	169,806
25	Coffins	1	2,000	1,565	7	.....	8,400	14,400
26	Confectionery	1	300	1,225	1	.....	960	2,288
27	Cooperage	17	10,100	17,898	30	.....	23,424	56,070
28	Bungs, &c	1	1,500	1,040	3	.....	2,400	10,000
29	Cordage	1	50,000	106,000	32	.....	18,000	150,000
30	Cutlery	3	2,300	525	7	.....	5,040	8,700
31	Dentistry	2	1,600	2,122	2	.....	3,000	7,780
32	Fire-arms	5	4,950	1,698	9	.....	8,880	13,811
33	Fire-wood	4	7,000	2,400	19	.....	9,120	17,550
34	Fisheries, oyster	2	7,000	11,000	9	.....	3,780	77,000
35	Fisheries, salmon	9	32,220	11,052	82	.....	17,256	32,390
36	Fisheries, whale	4	7,400	8,000	48	.....	14,400	37,000
37	Flour and meal	138	1,829,900	4,243,827	456	1	398,200	5,799,002
38	Furniture, cabinet	30	67,190	48,873	81	1	60,624	174,358
39	Gas, illuminating	5	271,000	65,125	21	.....	26,768	152,250
40	Gilt moulding	1	5,000	2,800	6	.....	3,600	8,000
41	Glue	2	6,700	5,586	5	.....	2,628	9,675
42	Gold mining	7,044	11,088,876	15,866,309	42,752	4	22,998,767	44,927,333
43	Grease, patent axle	1	3,000	1,560	2	.....	3,000	10,250
44	Hardware—Files	1	500	2,500	8	.....	4,800	10,800
45	Hats	9	50,950	43,349	18	9	22,080	91,274
46	Hay presses	1	500	850	2	.....	2,160	11,000
47	Ice	1	1,300	.....	4	.....	4,800	7,000
48	Iron castings	9	56,000	49,390	44	.....	47,868	129,500
49	Stove castings	1	5,000	9,660	12	.....	11,520	21,600
50	Iron shutters	4	5,200	15,860	10	.....	10,080	34,425
51	Jewelry	6	12,300	14,550	12	.....	14,880	39,725
52	Leather	43	181,800	155,730	136	.....	88,848	353,624
53	Leather belting and hose	1	1,000	16,700	8	.....	6,000	33,000
54	Lime	5	21,000	3,586	64	.....	37,560	98,260
55	Liquors—Distilled	10	77,050	153,900	36	.....	30,240	229,910
56	Malt	91	481,500	404,285	262	3	225,724	1,300,111
57	Wine	11	173,000	53,030	40	.....	24,720	160,300
58	Lumber, planed	3	13,200	70,650	20	.....	15,000	148,442
59	Lumber, sawed	405	2,353,377	1,385,019	2,238	10	1,653,472	4,633,889
60	Macaroni and vermicelli	2	1,600	18,230	14	.....	9,840	42,200
61	Machinery, steam-engines, &c	27	795,500	728,752	388	.....	647,160	1,647,500
62	Malt	4	12,500	39,675	10	.....	8,040	69,000
63	Marble dust	1	500	1,500	2	.....	1,920	12,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
64	Marble and stone work	5	$16,200	$9,427	11	.....	$10,080	$24,350
65	Matches	1	600	2,294	8	.....	3,360	12,000
66	Medicines, extracts, &c.	2	23,500	8,900	5	.....	3,360	26,500
67	Millinery	1	1,000	4,000	.....	2	720	5,000
68	Mineral water	22	62,300	56,994	55	.....	43,356	206,213
69	Musical instruments—Organs	1	600	215	1	.....	900	1,800
70	Pianos	2	3,000	1,660	5	.....	5,400	10,600
71	Oil, refined	1	40,000	2,100	2	.....	2,400	29,000
72	Painting	1	150	568	1	.....	720	1,325
73	Paper	1	60,000	8,000	14	.....	4,800	40,000
74	Perfumery	1	1,000	2,700	1	.....	300	3,000
75	Photographs	3	2,300	3,000	3	.....	4,200	9,500
76	Pickles	3	26,000	28,400	22	.....	12,840	94,900
77	Pottery ware	4	12,200	8,140	16	.....	12,600	25,100
78	Printing	40	184,800	128,684	250	.....	266,496	546,156
79	Pumps	2	5,500	5,000	4	.....	5,400	18,600
80	Quicksilver	3	3,112,000	166,100	335	.....	159,000	382,000
81	Rice cleaning	1	20,000	280,000	8	.....	11,520	395,000
82	Saddlery and harness	75	167,350	198,840	166	.....	149,160	511,730
83	Saddle-trees	5	7,100	8,944	15	.....	12,120	31,120
84	Sail-making	1	200	1,120	3	.....	1,800	4,000
85	Salt	3	4,800	5,000	17	.....	6,240	13,100
86	Salt, ground	2	2,500	33,616	5	.....	5,400	53,968
87	Sash, doors, and blinds	13	57,950	57,840	63	.....	57,192	156,589
88	Shingles	16	25,350	20,150	54	.....	31,466	59,550
89	Ship building	4	12,000	14,200	13	.....	14,160	37,500
90	Ship-smithing	1	3,500	500	4	.....	3,900	4,800
91	Silver mining	1	25,000	75,000	6	.....	7,800	810,000
92	Sirups and cordials	5	62,600	77,037	18	.....	15,240	146,830
93	Soap	11	58,600	127,941	26	.....	20,880	222,960
94	Sugar, refined	1	300,000	1,194,400	120	.....	86,400	1,586,500
95	Tin, copper, and sheet-iron ware	67	167,250	180,097	147	.....	153,504	461,512
96	Turning, scroll-sawing, and moulding	6	11,650	12,590	29	.....	21,000	54,400
97	Upholstery	3	7,000	15,025	7	.....	4,200	21,544
98	Vinegar	3	19,500	22,560	16	.....	10,704	80,540
99	Wagons, carts, &c.	150	258,558	292,668	388	.....	352,116	789,372
100	Wind mills	2	3,000	5,550	7	.....	5,400	12,000
101	Window shades	1	300	925	2	.....	1,800	9,000
102	Wool carding	1	1,500	1,200	1	.....	600	2,000
103	Woollen goods	2	170,000	77,600	67	23	49,800	235,000
104	Wool pulling	1	6,000	7,500	6	1	4,620	34,000
	Total	8,777	23,380,334	28,483,626	50,137	67	29,037,543	71,229,989

TOTALS OF MANUFACTURES,

ARRANGED

ALPHABETICALLY AND NUMERICALLY,

FOR

THE TERRITORIES,

(UTAH, NEW MEXICO, AND WASHINGTON.)

YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
1	Blacksmithing	54	$43,605	$41,720	133	.....	$77,466	$161,950
2	Boots and shoes	14	4,820	21,060	30	2	16,440	47,453
3	Bread	1	5,000	9,600	4	.....	2,976	13,370
4	Carpentering	8	13,100	8,925	15	.....	11,340	31,500
5	Carriages	1	100	250	2	.....	960	1,500
6	Clothing	1	6,000	8,000	5	.....	1,800	15,000
7	Coal, bituminous	1	25,000	.....	35	.....	21,000	32,244
8	Cooperage	1	100	230	1	.....	960	1,800
9	Copper mining	4	1,092,000	81,000	550	30	184,844	415,000
10	Cordage	1	150	1,700	2	.....	1,200	3,000
11	Cotton yarn	1	6,000	6,000	4	3	3,420	10,000
12	Fire-arms	1	800	150	2	.....	600	1,200
13	Fisheries, oyster	1	18,000	.....	100	.....	27,000	44,597
14	Fisheries, salmon	5	13,200	3,250	53	.....	3,975	17,450
15	Flour and meal	38	277,450	468,242	109	.....	63,084	759,865
16	Furniture, cabinet	7	19,625	7,572	25	.....	13,785	23,250
17	Gold mining	6	1,700	1,150	24	.....	4,848	11,478
18	Hats	3	700	970	5	1	2,356	3,460
19	Iron castings	1	10,000	2,700	4	.....	2,400	10,000
20	Leather	16	70,500	47,776	51	.....	31,080	110,755
21	Liquors, distilled	18	49,900	28,839	30	.....	15,184	93,625
22	Liquors, malt	2	1,100	1,140	2	.....	760	2,600
23	Lumber, sawed	63	1,349,256	486,964	750	4	434,390	1,336,815
24	Machinery, steam-engines, &c	1	5,000	3,666	15	.....	11,700	15,000
25	Nails	3	15,000	9,850	20	.....	11,440	35,712
26	Oil, castor	1	200	400	2	.....	720	2,000
27	Pottery ware	2	3,100	938	3	.....	1,680	3,700
28	Printing	2	21,000	11,900	20	.....	14,040	36,000
29	Saddlery and harness	3	500	768	3	1	2,280	3,530
30	Shingles	7	15,500	12,630	21	.....	9,720	48,200
31	Silver mining	5	669,000	24,000	253	.....	44,400	230,000
32	Tin, copper, and sheet-iron ware	1	1,000	1,225	1	.....	960	3,400
33	Wagons, carts, &c	4	3,000	2,050	7	.....	3,780	8,700
34	Whips and whip-lashes	1	100	130	1	.....	240	520
35	Willow furniture	1	1,000	350	2	.....	1,200	2,000
36	Wool carding	3	5,400	14,280	6	2	2,580	19,623
	Total	282	3,747,906	1,309,425	2,290	43	1,026,608	3,556,197

NOTE.—No return of manufactured articles for Colorado, Dakota, and Nevada.

SECTIONAL EXHIBIT, TOTALS OF, 1860.

SECTIONS.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED. Male.	Female.	Annual cost of labor.	Annual value of products.
New England	20,671	$257,477,783	$245,523,107	262,834	129,002	$104,231,472	$468,599,287
Middle	53,287	435,061,964	444,126,969	432,424	113,819	152,328,841	802,338,392
Western	36,785	194,212,543	225,618,813	194,081	15,828	63,573,307	384,606,530
Southern	20,631	95,975,185	86,543,152	98,583	12,138	28,681,195	155,531,281
Pacific	8,777	23,380,334	28,483,626	50,137	67	29,037,543	71,229,989
Territories	282	3,747,906	1,309,425	2,290	43	1,026,608	3,556,197
Aggregate	140,433	1,009,855,715	1,031,605,092	1,040,349	270,897	378,878,966	1,885,861,676