COMPARATIVE EXHIBIT

OF THE

TOTAL MANUFACTURES

OF EACH

STATE AND TERRITORY,

FOR

THE YEARS ENDING JUNE 1, 1860, AND 1850.

Exhibit of the total Manufactures of each State and Territory, for the year ending June 1, 1860.

STATES AND TERRITORIES	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
				Male.	Female.		
Alabama	1,459	$9,098,181	$5,489,963	6,792	1,097	$2,132,940	$10,588,566
Arkansas	518	1,316,610	1,280,503	1,831	46	554,240	2,880,578
California	8,468	22,043,096	27,051,674	49,169	57	28,432,287	68,253,228
Connecticut	3,019	45,590,430	40,909,090	44,002	20,487	19,026,196	81,924,555
Delaware	615	5,452,887	6,028,918	5,465	956	1,905,754	9,892,902
District of Columbia	429	2,905,865	2,884,185	2,653	495	1,139,154	5,412,102
Florida	185	1,874,125	874,500	2,297	157	619,840	2,447,969
Georgia	1,890	10,890,875	9,986,532	9,492	2,083	2,925,148	16,925,564
Illinois	4,268	27,548,563	35,558,782	22,489	479	7,637,921	57,580,886
Indiana	5,323	18,451,121	27,142,597	20,563	732	6,318,335	42,803,469
Iowa	1,939	7,247,130	8,612,259	6,142	165	1,922,417	13,971,325
Kansas	344	1,084,935	1,444,975	1,700	35	880,346	4,357,408
Kentucky	3,450	20,256,579	22,295,759	19,587	1,671	6,020,082	37,931,240
Louisiana	1,744	7,151,172	6,738,486	7,873	916	3,683,679	15,587,473
Maine	3,810	22,044,020	21,553,066	24,827	9,792	8,368,691	38,193,254
Maryland	3,083	23,230,608	25,494,007	21,630	6,773	7,190,672	41,735,157
Massachusetts	8,176	132,792,327	135,053,721	146,268	71,153	56,960,913	255,545,922
Michigan	3,448	23,808,226	17,635,611	22,144	1,046	6,735,047	32,658,356
Minnesota	562	2,388,310	1,904,070	2,104	19	712,214	3,373,172
Mississippi	976	4,384,492	3,146,636	4,572	203	1,618,320	6,590,687
Missouri	3,157	20,034,220	23,849,941	18,628	1,053	6,669,916	41,782,731
Nebraska	107	266,575	237,215	334	2	105,332	607,368
New Hampshire	2,592	23,274,094	20,539,857	18,379	13,961	8,110,561	37,586,453
New Jersey	4,173	40,521,048	41,429,100	43,198	12,829	16,277,337	76,306,104
New Mexico	82	2,008,350	367,892	1,044	30	341,306	1,249,123
New York	22,624	172,895,652	214,813,061	176,885	53,227	65,446,759	378,870,939
North Carolina	3,689	9,693,703	10,203,228	12,104	2,113	2,689,441	16,678,698
Ohio	11,123	57,295,303	69,800,270	65,749	9,853	22,302,989	121,691,148
Oregon	309	1,337,238	1,431,952	968	10	635,256	2,976,761
Pennsylvania	22,363	190,055,904	153,477,698	182,593	39,539	60,369,165	290,121,188
Rhode Island	1,191	24,278,295	19,858,515	20,795	11,695	8,760,125	40,711,296
South Carolina	1,230	6,931,756	5,198,881	6,090	898	1,380,027	8,615,195
Tennesse	2,572	14,426,261	9,416,514	11,582	946	3,370,687	17,987,225
Texas	983	3,272,450	3,367,372	3,338	111	1,162,756	6,577,202
Utah	148	443,356	439,512	380	9	231,701	900,153
Vermont	1,883	9,498,617	7,608,858	8,563	1,934	3,004,986	14,637,807
Virginia	5,385	26,935,560	30,840,531	32,606	3,568	8,544,117	50,652,124
Washington	52	1,296,200	502,021	866	4	453,601	1,406,921
Wisconsin	3,064	15,831,581	17,137,334	14,641	773	4,268,708	27,849,467
Aggregate	140,433	1,009,855,715	1,031,605,092	1,040,349	270,897	378,878,966	1,885,861,676
Total, States	139,615	1,002,935,369	1,027,174,267	1,035,072	270,357	376,607,872	1,876,286,049
Total, Territories*	818	6,920,346	4,430,825	5,277	540	2,271,094	9,575,627
Aggregate, States and Territories	140,433	1,009,855,715	1,031,605,092	1,040,349	270,897	378,878,966	1,885,861,676

*District of Columbia, Nebraska, New Mexico, Utah, and Washington; therefore, differing from total represented for Territories in sectional exhibit, page 725, in which New Mexico, Utah, and Washington only are included; District of Columbia and Nebraska having been included in the Middle and Western States respectively.

Exhibit of the total manufactures of each State and Territory for the year ending June 1, 1850.

STATES AND TERRITORIES.	Number of establishments.	Capital.	Cost of raw material.	Male hands.	Female hands.	Cost of labor per annum.	Value of product.
Alabama	1,026	$3,450,606	$2,224,960	4,397	539	$1,105,824	$4,528,876
Arkansas	261	305,015	215,789	812	30	159,876	537,908
California	1,003	1,006,197	1,201,154	3,964	.....	3,717,180	12,862,522
Connecticut	3,737	25,876,648	23,608,971	34,248	16,483	12,435,984	47,114,535
Delaware	531	2,978,945	2,864,607	3,237	651	936,924	4,649,296
District of Columbia	403	1,001,575	1,405,871	2,034	536	757 584	2,690,258
Florida	103	547,060	220,611	876	115	199 452	668 335
Georgia	1,522	5,456,483	3,404,917	6,650	1,718	1,709,664	7,082,075
Illinois	3,163	6,217,765	8,959,327	11,066	493	3,204,336	16,534,272
Indiana	4,392	7,750,402	10,369,700	13,748	692	3,728,844	18,725,423
Iowa	522	1,292,875	2,356 881	1,687	20	473,016	3,551,787
Kentucky	3,609	11,810,462	12,165,075	19,576	1,900	5,106 048	21,710,212
Louisiana	1,008	5,032,424	2,459,508	5,458	759	2,033,928	6,779 417
Maine	3,974	14,699,152	13,553,144	21,853	6,167	7,485,588	24,661,057
Maryland	3,725	14,934,450	17,690,836	22,729	7,483	7,403,832	33,043,892
Massachusetts	8,852	88,940,292	85,856,771	107,784	69,677	41,954,736	157,743,904
Michigan	2,033	6,563,660	6,136,328	8,990	354	2,717,124	11,169,002
Mississippi	947	1,815,820	1,275,771	3,046	108	771,528	2,912,668
Missouri	2,923	8,576,607	12,798,351	14,880	928	4,692,648	24,324,418
New Hampshire	3,211	18,242,114	12,745,466	14,103	12,989	6,123,876	23,164,503
New Jersey	4,207	22,293,258	22,011,871	29,668	8,762	9,364,740	39 851,256
New York	23,553	99,904,405	134,655,674	147,737	51,612	49,131,000	237,597,249
North Carolina	2,663	7,456,860	4,602,501	12,473	2,128	2,383,456	9,111,050
Ohio	10,622	29,019,538	34,678,019	47,054	4,437	13,467,156	62,692,279
Pennsylvania	21,605	94,473,810	87,206,377	124,688	22,078	37,163,232	155,044,910
Rhode Island	864	12,935,676	13,186,703	12,923	8,044	5,047,080	22,117,088
South Carolina	1,430	6,053,265	2,787,534	5,992	1,074	1,127,712	7,045,477
Tennessee	2,887	6,527,729	5,166,886	11,080	959	2,247,492	9,725,608
Texas	309	539,290	394,642	1,042	24	322,368	1,168,538
Vermont	1,849	5,001,377	4,172,552	6,894	1,551	2,202,348	8,571,920
Virginia	4,740	18,109,143	18,101,131	25,790	3,320	5,434,476	29,603,507
Wisconsin	1,262	3,382,148	5,414,931	5,798	291	1,712,496	9,493,068
Minnesota	5	94,000	24,300	63	.....	18,540	58.300
New Mexico	23	68,300	110,220	81	.....	20,772	249,010
Oregon	52	843,600	809,560	285	.....	388,620	2,236,619
Utah	14	44,400	307,381	51	.....	9,984	291,220
Aggregate	123,025	533,245,351	555,123,822	731,137	225,922	236,755,464	1,019,106,616

EXHIBIT

OF THE

TOTAL MANUFACTURES

OF THE

UNITED STATES,

FOR

THE YEAR ENDING JUNE 1, 1860.

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
1	Agricultural implements—Miscellaneous	1,046	$5,201,016	$2,508,192	7,098	2	$2,334,172	$7,953,055
2	Fanning mills	47	109,525	53,087	177	.....	59,500	197,672
3	Grain cradles and scythe snaths	47	141,482	77,788	219	.....	71,646	218,687
4	Grain drills	10	78,800	40,862	112	.....	44,448	153,765
5	Handles, plough and other	83	221,530	97,748	319	1	111,336	315,872
6	Hoes	5	117,500	86,835	163	.....	59,220	224,175
7	Mowing and reaping machines	73	2,039,000	1,096,116	2,421	.....	863,884	3,516,120
8	Ploughs, harrows, and cultivators	423	1,894,334	962,177	2,297	.....	840,262	2,855,248
9	Rakes	83	105,585	35,933	219	.....	57,936	138,118
10	Straw cutters	2	34,000	33,650	45	.....	10,200	71,500
11	Threshers,horse-powers, and separators	163	1,534,467	643,781	1,740	1	627,945	1,953,748
12	Alcohol	22	897,000	3,567,062	208	.....	82,068	4,168,360
13	Ammunition	5	117,500	75,010	101	18	40,308	160,900
14	Anchors and chains	17	127,300	73,982	116	.....	46,668	165,075
15	Anvils and vices	2	20,000	11,916	26	.....	11,640	38,300
16	Aquariums	1	2,000	3,600	3	.....	1,200	5,500
17	Arrow-root	1	1,000	200	6	4	1,008	1,376
18	Artificial eyes	1	4,000	590	2	.....	1,800	6,000
19	Artificial limbs	5	35,000	10,050	35	4	23,544	53,000
20	Artist's materials	8	14,500	11,966	38	5	15,500	44,800
21	Ashes, pot and pearl	212	199,590	254,729	418	5	106,960	535,550
22	Asphaltum work	1	700	4,090	4	.....	3,600	10,000
23	Automaton pressmen	1	1,700	1,700	3	.....	1,200	6,000
24	Awnings and tents	17	30,200	48,351	63	31	30,732	113,900
25	Axles	10	142,950	140,137	136	.....	50,004	226,509
26	Bagging	34	505,250	803,800	661	126	141,636	1,109,628
27	Bags	19	82,600	607,785	72	40	43,968	749,578
28	Baking and yeast cakes and powders	5	26,250	18,135	6	11	3,180	28,820
29	Bank locks	1	25,000	14,000	18	.....	5,760	39,000
30	Barilla	1	30,000	25,000	10	.....	4,848	54,800
31	Bark—Ground	36	80,000	83,270	64	.....	15,968	154,403
32	Sumac, and sumac prepared	4	11,700	10,900	12	.....	2,520	16,850
33	Barley, pearl	3	18,000	41,500	9	.....	3,300	53,000
34	Barytes	1	5,000	5,000	40	.....	12,000	25,000
35	Baskets	87	106,970	62,205	375	62	120,462	255,137
36	Bath tubs	1	20,000	42,600	50	.....	12,000	62,000
37	Bead work	8	24,200	15,911	3	37	6,624	25,749
38	Beds, spring	15	31,000	109,401	51	10	22,908	313,300
39	Bee-hives	12	18,900	20,966	33	.....	19,406	49,435
40	Bellows	16	40,000	70,865	78	.....	31,248	170,950
41	Bells	9	84,700	139,193	60	.....	20,484	224,500
42	Belt clasps and slides	1	4,000	1,150	7	7	2,700	5,000
43	Belts, children's	1	60,000	185,000	4	166	20,925	450,000
44	Benzoline	1	100	787	1	.....	240	2,000
45	Billiard cues	2	4,000	3,600	4	.....	1,380	12,000
46	Billiard and bagatelle tables	23	285,100	340,268	298	.....	139,176	727,900
47	Blacking	13	177,400	188,600	82	94	40,312	298,140
48	Blacking and water-proof composition	5	5,650	6,778	5	4	2,208	22,800
49	Blacksmithing	7,504	4,940,756	3,417,067	15,719	1	4,827,303	11,641,243
50	Blacksmith's tools	1	500	625	2	.....	864	1,800
51	Block letters	4	12,700	5,623	33	1	15,936	21,547
52	Blocks, pumps, and spars	101	255,350	154,951	370	.....	150,500	523,897
53	Bolts, nuts, washers, and rivets	54	1,235,300	988,993	1,492	12	426,090	2,175,535
54	Bone-black	8	144,100	128,590	78	.....	20,460	246,100
55	Bone boiling	5	23,500	74,080	38	.....	12,156	129,530
56	Bookbinder's machinery	4	26,000	6,390	46	1	19,668	39,100
57	tools	1	3,000	660	5	.....	1,800	2,625
58	Bookbinding and blank books	269	1,654,830	1,554,082	2,045	2,732	1,048,930	3,729,080
59	Boot and shoe patterns	2	900	648	4	.....	1,296	3,000
60	Boots and shoes	12,486	23,357,627	42,728,174	94,512	28,514	30,938,080	91,889,298
61	Bottle moulds	1	5,000	1,000	7	.....	2,640	6,000
62	Boxes—Cheese	101	137,575	53,452	224	1	59,186	144,565
63	Cigar	10	16,350	16,555	52	.....	8,748	31,800

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
64	Boxes—Packing	270	$1,057,840	$1,219,006	1,595	9	$612,123	$2,516,174
65	Paper	110	333,196	467,350	511	1,090	358,658	1,162,777
66	Sugar	1	1,500	100	4	.....	1,200	1,600
67	Tobacco	13	21,395	42,985	100	.....	35,928	100,828
68	Box shooks	5	65,600	104,100	102	.....	34,920	176,750
69	Brass and bell founding	7	38,500	31,062	30	.....	10,836	110,020
70	Brass and copper tubing	1	140,000	201,000	45	.....	24,000	250,000
71	Brass and German silver, rolled	11	2,086,000	1,425,560	909	36	344,424	2,401,600
72	Brass book clasps and badges	2	4,500	3,376	22	.....	5,400	12,500
73	Brass founding and brass ware	183	1,226,460	1,414,339	1,492	.....	557,412	2,643,754
74	Brass ornaments	1	2,000	500	3	.....	1,152	3,000
75	Brass wire and wire cloth	2	45,000	28,555	48	4	19,464	62,200
76	Bread and crackers	1,930	3,909,189	10,634,199	6,176	338	2,086,148	16,980,012
77	Brick	1,595	7,130,128	2,028,025	20,046	440	3,888,106	10,253,734
78	Brick machinery and tools	2	13,000	12,100	16	.....	6,240	25,750
79	Bridges	5	61,500	85,840	96	.....	51,720	192,500
80	Bronze powders	1	10,000	5,000	6	.....	3,600	10,000
81	Broom handles	3	7,500	2,150	18	.....	3,636	6,200
82	Brooms	228	505,713	874,046	1,144	40	267,528	1,428,194
83	Brush blocks	6	34,800	4,010	23	.....	5,316	14,800
84	Brushes	121	913,630	993,939	1,675	703	594,116	2,096,583
85	Brush handles and stocks	1	3,000	715	4	.....	1,200	2,500
86	Buttons	43	558,550	358,385	487	674	260,206	949,408
87	Calico printing	22	3,397,250	3,789,783	3,330	564	1,048,504	7,748,644
88	Cameras	2	30,000	6,753	25	.....	12,450	66,000
89	Camphene and burning fluid	33	505,400	2,332,452	174	.....	73,740	2,810,960
90	Candle moulds	1	3,000	2,250	4	.....	1,920	5,600
91	Candles—Adamantine	5	695,000	850,680	181	34	62,688	1,145,000
92	Wax	1	1,000	750	2	.....	600	1,800
93	Candlesticks	1	5,000	6,500	8	3	3,444	12,000
94	Cap fronts	1	600	3,500	6	4	2,568	10,000
95	Car brakes	1	500	3,100	3	.....	1,200	10,000
96	Card boards	6	8,000	6,136	24	.....	7,620	17,246
97	Card cutting	1	1,000	1,500	3	.....	1,080	4,000
98	Cards—Enameled	1	100,000	86,125	50	70	34,800	300,000
99	Hand	3	34,400	28,220	52	9	19,896	181,700
100	Playing	4	113,000	158,000	71	82	38,360	264,000
101	Car linings	2	9,500	4,967	20	.....	7,080	17,160
102	Carpentering	1,323	3,251,327	5,164,975	8,998	8	3,868,672	12,646,392
103	Carpenter's tools	33	578,250	214,974	754	2	251,204	731,430
104	Carpet cleaning	3	8,200	91,000	9	.....	4,140	118,000
105	Carpets	216	4,721,938	4,419,561	3,912	2,771	1,546,328	7,860,351
106	Carpet-sweepers	1	1,000	2,000	2	2	984	4,000
107	Carriages	3,917	14,131,537	9,085,301	27,304	157	10,001,891	26,848,905
108	children's	32	134,470	108,393	335	22	129,540	374,350
109	Carriagesmithing	4	3,700	3,718	11	.....	5,220	12,800
110	Carriage trimmings	8	9,550	12,884	22	3	8,436	29,790
111	Cars, omnibuses, and repairing	62	2,953,717	1,841,344	3,172	7	1,237,452	4,302,613
112	Car wheels	16	1,223,700	1,243,200	523	.....	210,180	1,996,350
113	Carving	56	89,400	74,047	229	.....	105,596	230,396
114	Cement	14	759,200	262,920	738	2	206,460	767,080
115	Cement pipe	2	800	750	4	.....	1,212	2,361
116	Chalk and crayons	2	5,000	4,775	9	.....	2,700	17,000
117	Chalk, prepared	1	1,000	1,830	4	.....	900	5,250
118	Charcoal	69	161,875	120,076	456	1	122,840	422,217
119	Charcoal, pulverized	4	18,500	13,356	8	.....	3,024	34,000
120	Charts, hydrographic	1	1,000	400	4	.....	2,400	3,000
121	Cheese	2	8,000	9,441	4	3	984	13,400
122	Cheese presses and vats	3	5,400	3,350	6	.....	2,076	10,100
123	Chemicals	84	3,276,800	2,707,152	1,467	62	506,364	4,705,741
124	Bichromate of potash	1	70,000	100,300	50	.....	15,600	135,000
125	Bisulphate of lime	1	7,000	6,500	10	.....	7,200	20,000
126	Chimney flues	3	625	1,240	6	.....	1,440	3,700
127	China and glass decorating	2	205,000	89,000	116	40	66,000	185,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
128	Chocolate	3	$15,300	$50,995	10	3	$4,212	$66,880
129	Chrome mining	1	10,000	.....	32	.....	6,144	15,000
130	Churns	11	10,775	28,629	27	.....	7,772	66,332
131	Cider	71	85,670	67,413	149	.....	13,706	125,747
132	refined	16	31,900	22,549	35	.....	11,352	40,286
133	Cigars	1,478	3,035,555	3,511,312	7,266	731	2,531,354	9,068,778
134	Cisterns	25	22,750	60,027	59	.....	26,844	153,700
135	Clay mining	5	89,500	24,000	68	.....	24,384	105,660
136	Clock cases	3	12,500	17,410	26	.....	14,160	46,500
137	Clocks	22	576,100	474,668	935	40	391,320	1,187,550
138	Cloth finishing	2	4,500	3,100	10	2	3,180	8,250
139	Clothing—Ladies'	188	1,421,650	3,323,335	889	4,850	1,193,032	7,181,039
140	Men's	4,014	27,246,093	44,149,752	41,837	72,963	19,856,426	80,830,555
141	Oil	7	39,500	54,473	23	62	15,864	83,769
142	Clover hulling	28	26,200	32,063	28	.....	3,788	41,218
143	Clover seed cleaning	7	10,900	10,750	10	.....	2,600	16,700
144	Coach lace	6	42,800	28,987	80	16	32,364	89,200
145	Coal—Anthracite	176	13,880,250	1,637,898	25,126	.....	5,503,124	11,869,574
146	Bituminous	446	15,548,420	1,115,074	11,343	17	4,147,140	8,374,063
147	Cocoa	2	25,500	14,750	5	2	2,640	21,750
148	Coffee and spices, ground	85	1,002,150	2,725,012	487	23	192,248	3,502,181
149	Coffee, essence of	9	62,600	83,760	51	34	18,864	197,600
150	Coffee roasters	1	600	225	1	.....	336	1,400
151	Coffee roasting	7	49,500	498,988	33	1	11,688	570,297
152	Coffins	210	605,950	312,838	671	17	297,564	1,024,953
153	Coffin screws	1	10,000	4,200	9	2	3,312	10,520
154	Coffin trimmings	4	6,300	6,785	20	3	4,236	16,650
155	Coke	21	62,300	73,552	198	.....	61,368	189,844
156	Comb plates	1	1,000	1,200	3	.....	1,080	2,700
157	Combs, shell and other	66	721,700	614,431	800	130	304,716	1,314,968
158	Confectioner's tools	1	1,000	6,600	3	.....	1,440	25,000
159	Confectionery	541	1,568,478	2,990,186	1,875	465	688,423	5,361,100
160	Cooperage	2,707	4,353,546	4,105,203	13,741	9	4,284,704	11,343,221
161	Cooper's tools	4	1,000	1,894	12	.....	4,128	9,100
162	Copper and brass ware	1	60,000	86,540	130	.....	48,000	145,000
163	Copper mining	47	8,525,500	506,814	5,111	42	1,816,160	3,361,232
164	Copper—Rolled	2	1,250,000	1,454,750	260	.....	95,280	1,800,000
165	Sheet and bolt	5	1,220,000	1,082,450	153	.....	61,800	1,398,768
166	Copper smelting	10	1,535,000	4,237,567	472	.....	176,720	4,945,360
167	Coppersmithing	70	587,550	662,981	592	.....	259,656	1,281,262
168	Copper work	2	100,000	107,450	32	.....	14,400	162,000
169	Cordage	190	2,938,289	5,665,320	2,860	618	966,216	7,843,339
170	Corks	13	52,500	54,911	78	8	21,288	141,000
171	Corundum	1	5,000	825	3	.....	1,440	3,000
172	Cotton bags	3	92,700	83,620	113	83	40,380	177,000
173	Cotton batting and wadding	54	365,400	628,299	378	66	122,484	989,414
174	Cotton braid, thread, lines, twine, and yarn	191	4,239,060	3,613,142	2,549	3,451	1,182,000	6,569,093
175	Cotton cordage	22	166,300	144,476	133	82	45,240	257,650
176	Cotton coverlets	18	34,975	45,420	68	19	21,288	102,675
177	Cotton flannel carding	3	6,000	23,973	29	.....	4,836	54,482
178	Cotton ginning	89	92,657	367,746	265	6	52,644	553,635
179	Cotton gins	57	758,825	287,488	614	2	266,160	1,152,315
180	Cotton goods	803	93,143,759	52,666,701	43,406	71,549	23,488,562	107,337,783
181	Cotton lamp wick	2	70,000	52,909	43	30	8,700	119,124
182	Cotton mosquito netting	2	53,000	32,720	58	71	25,956	138,392
183	Cotton pressing	5	149,700	3,610	64	.....	25,920	89,650
184	Cotton table-cloths	13	23,550	18,127	68	6	15,900	40,318
185	Crucibles	3	110,000	58,700	59	.....	25,200	150,000
186	Curled hair	7	65,500	78,738	40	5	12,744	106,869
187	Currier's tools	2	1,800	750	5	.....	2,204	5,197
188	Curtain fixtures	3	4,500	3,850	17	.....	4,200	14,000
189	Curtains	1	2,500	1,200	4	5	1,896	3,500
190	Cutlery	51	869,800	433,492	1,305	33	472,920	1,366,225
191	Dentistry	154	147,120	134,531	226	3	115,656	414,554

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
192	Dippers, cocoa-nut	1	$4,000	$3,000	6	.....	$2,160	$6,000
193	Drain pipe, wooden	1	12,000	4,150	40	.....	12,480	28,000
194	Drain tile	56	335,600	104,199	448	7	166,148	516,013
195	Dress patterns	1	150	150	.....	6	960	3,000
196	Drugs, ground	3	45,500	77,200	16	.....	5,544	107,500
197	Dumb waiters	1	1,000	1,500	4	.....	1,920	9,000
198	Dyeing and bleaching	102	2,321,421	1,215,652	2,755	448	953,024	3,967,819
199	Dye woods and dye stuffs	15	732,950	1,021,547	360	4	131,000	1,484,191
200	Eave troughs	2	2,500	2,300	11	.....	3,913	14,600
201	Edge tools and axes	166	2,146,499	1,270,171	2,869	.....	1,086,935	3,243,992
202	Electro-magnetic machines	4	16,500	13,655	13	.....	5,040	59,000
203	Embroidery	3	11,000	13,400	3	78	14,244	56,216
204	Emery	2	30,000	26,000	14	.....	5,880	50,000
205	Enamelling	1	3,000	1,800	6	1	2,712	10,000
206	Engraver's blocks and wood	2	25,600	4,750	12	.....	4,104	12,700
207	Engraving and die-sinking	191	431,650	157,171	706	18	330,524	829,140
208	Engraving, calico	2	3,100	600	4	1	2,280	3,900
209	Envelopes	16	309,600	433,637	150	282	117,180	763,700
210	Envelopes and cards, embossed	1	1,000	400	4	2	696	2,500
211	Fans	2	3,000	2,990	12	27	4,080	56,050
212	Felting	2	10,500	15,430	14	.....	5,520	34,700
213	Fertilizers	47	466,000	590,816	308	.....	95,016	891,344
214	Filter bags	1	600	3,600	2	.....	672	4,500
215	Fire-arms	239	2,512,781	376,913	1,986	70	885,898	2,362,681
216	Fire bomb-lances	1	40,000	10,000	12	.....	5,400	50,000
217	Fire-brick	27	528,700	197,670	468	.....	120,247	493,400
218	Fire clay	2	2,000	.....	3	.....	900	1,588
219	Fire-engines	13	474,500	209,894	563	.....	272,400	705,850
220	Fire-escapes	1	700	225	1	.....	240	700
221	Fireworks	9	82,500	48,126	112	21	37,980	173,100
222	Fisheries	1,970	17,919,959	4,302,355	29,452	931	6,077,677	14,284,405
223	Fish hooks	2	102,000	35,150	42	3	15,720	157,000
224	Fishing lines, nets, and tackle	7	16,200	11,057	15	27	7,080	29,400
225	Flags and banners	9	50,200	34,330	48	29	26,088	90,600
226	Flax dressing	32	56,636	77,488	115	.....	29,839	165,404
227	Flour and meal	13,868	84,585,004	208,497,309	27,626	56	8,721,391	248,580,365
228	Flowers	3	9,000	9,500	7	.....	2,028	16,500
229	Fly nets	4	15,800	8,926	14	74	14,448	32,100
230	Foundry facings	7	74,500	44,696	30	.....	12,900	105,950
231	Furnaces, ranges, registers, and ventilators	39	336,200	349,802	348	.....	164,952	888,288
232	Furniture, cabinet, school, and other	3,594	13,629,526	8,181,250	25,132	1,974	8,909,998	25,632,293
233	Furniture polish	1	10,000	31,270	7	3	2,200	44,000
234	Furs	95	1,163,600	1,702,923	496	797	268,574	3,115,755
235	Gas fixtures, lamps, and chandeliers	33	1,310,850	693,782	1,628	4	570,804	2,255,000
236	Gas, illuminating	221	28,848,726	3,667,630	5,730	.....	2,321,536	12,016,353
237	Gasometers and tanks	7	326,500	277,016	373	.....	169,196	565,500
238	Gas works, portable	1	7,000	2,600	2	.....	900	4,000
239	Ginseng	3	10,000	4,520	5	.....	1,560	6,850
240	Glass	112	6,133,666	2,914,303	8,765	251	2,903,832	8,775,155
241	Glass sand	1	50	.....	3	.....	720	800
242	Glaziers' diamonds	3	11,500	9,500	11	.....	3,840	27,250
243	Globes, terrestial and celestial	1	4,000	1,550	4	3	1,740	10,000
244	Gloves and mittens	126	594,825	537,589	453	976	330,419	1,176,795
245	Glue	62	1,052,900	537,276	865	10	305,964	1,185,625
246	Gold and silver assaying and refining	13	755,300	669,055	223	51	242,710	1,140,070
247	Gold leaf and foil	23	140,250	299,696	145	81	77,592	481,072
248	Gold mining	7,202	12,006,791	16,561,786	44,261	55	23,661,620	47,163,170
249	Grain threshing	2	1,350	1,200	4	.....	360	1,800
250	Granular fuel	3	6,300	755	9	.....	2,496	15,460
251	Grates and fenders	16	153,500	124,895	186	.....	74,862	362,900
252	Grease	6	26,100	97,520	18	.....	8,940	123,596
253	Grindstones and grindstone quarrying	11	100,800	12,800	145	.....	41,640	67,040
254	Gum and gum cleaning	2	30,000	115,375	14	38	9,912	199,500
255	Gun locks and materials	3	3,700	1,700	8	1	3,324	6,250

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
256	Gunpowder	58	$2,305,700	$1,812,290	737	10	$291,144	$3,223,090
257	Gutta-percha goods	2	100,000	69,000	34	.....	21,600	125,750
258	Hair-cloth	11	180,500	137,545	70	341	99,708	279,000
259	Hair jewelry	8	27,000	15,830	17	25	10,620	45,600
260	Handles	14	45,100	21,885	78	1	28,752	89,313
261	Handspikes	1	800	900	3	.....	1,152	4,000
262	Hardware	443	6,707,000	4,402,958	9,458	1,263	3,443,664	10,903,106
263	Hat and bonnet blocks	5	5,300	1,397	12	.....	4,536	10,100
264	Hat-bodies	3	81,000	508,320	68	12	33,240	637,400
265	Hats and caps	655	4,154,372	8,252,380	7,521	4,243	3,815,824	16,937,782
266	Hatter's trimmings	3	6,500	9,100	6	3	2,448	15,700
267	Hat-tips	1	500	800	3	.....	1,056	2,500
268	Hay pressing	7	30,755	38,536	31	.....	9,012	61,049
269	Hemp dressing	1	3,000	40,000	10	.....	2,400	60,000
270	Hemp hose	1	3,000	2,500	6	1	2,340	8,000
271	Hides and tallow	12	264,000	874,666	81	.....	31,380	1,143,937
272	Hoisting apparatus and machines	4	8,500	9,844	18	.....	11,280	33,200
273	Hominy	1	1,000	1,360	1	.....	288	1,775
274	Hooks and eyes	5	139,800	66,490	60	57	34,824	194,200
275	Horse-covers	1	10,000	125,000	1	50	7,560	145,000
276	Horse-shoe nails	24	21,600	27,518	94	.....	33,852	81,706
277	Horse-shoes	10	20,200	45,751	93	.....	34,704	106,383
278	Hosiery	197	4,035,510	3,202,317	2,780	6,323	1,661,972	7,280,606
279	Husks, prepared	8	11,500	14,350	40	.....	12,228	40,355
280	Hydrant cases	1	1,500	4,000	4	.....	1,920	8,250
281	Hydrants	1	16,000	2,656	4	.....	1,500	9,000
282	Ice	52	494,900	47,880	1,765	.....	86,272	451,255
283	India-rubber goods	27	3,534,000	3,056,360	1,795	973	794,570	5,042,700
284	Ink—Printing	16	245,700	498,505	79	.....	33,264	802,900
285	Writing	13	33,050	45,344	58	8	18,432	119,578
286	Instruments	116	827,000	239,787	710	32	294,228	1,026,133
287	Iron—Cast	1,405	24,368,243	15,524,619	26,940	21	10,328,722	36,638,073
288	Forged, rolled, and wrought	402	23,343,073	21,961,437	21,963	52	7,436,538	36,537,259
289	Iron ore	159	2,195,527	439,562	3,206	.....	912,280	2,405,292
290	Iron, pig	286	24,672,824	12,293,030	15,854	73	4,545,430	20,870,120
291	Iron steamships	1	190,000	585,050	360	.....	140,400	914,700
292	Isinglass	1	5,000	667	16	.....	1,920	3,750
293	Ivory-black	1	5,000	2,000	6	.....	2,040	6,000
294	Jack-screws	1	4,500	760	2	.....	960	2,350
295	Japanned ware	11	114,400	91,621	224	16	63,204	247,960
296	Jeweler's dies, tools, and machinery	6	10,400	2,418	16	.....	6,132	14,840
297	Jewelry	463	5,180,723	5,102,500	5,363	584	2,605,056	10,415,811
298	Jewelry boxes and cases	14	28,650	23,120	70	12	26,876	83,816
299	Keys, metallic	1	5,000	8,000	12	.....	3,600	15,000
300	Kindling wood	32	178,700	280,273	416	.....	131,892	613,315
301	Lampblack	15	110,300	48,698	81	3	29,676	124,610
302	Lamp fixtures	1	1,000	1,500	1	.....	300	2,000
303	Lamps	30	235,800	242,536	344	30	135,848	578,020
304	Lamp trimmings	1	25,000	51,750	70	9	34,488	100,000
305	Lapidaries' work	7	13,400	14,004	29	.....	14,760	36,850
306	Lasts and boot trees	77	210,081	93,818	434	.....	134,884	484,279
307	Laundry work	3	19,000	165,830	11	165	24,840	212,600
308	Lead, manufactures of	14	1,739,963	2,679,453	344	2	103,056	3,166,029
309	Lead mining and smelting	64	359,802	951,121	361	.....	90,096	1,176,875
310	Leather	5,040	35,655,370	44,520,737	22,622	57	6,933,740	67,306,452
311	Morocco	123	2,213,800	3,618,181	2,279	322	893,078	5,910,773
312	Patent and enamelled leather	12	1,030,000	1,395,400	865	.....	317,460	2,101,250
313	Skin dressing	13	117,450	278,341	92	9	31,230	380,272
314	Leather belting and hose	46	588,000	915,271	329	25	134,952	1,481,750
315	Life-preservers	1	1,500	2,262	3	.....	1,728	6,290
316	Lightning-rods	20	87,610	76,362	85	.....	32,820	182,750
317	Lime	714	2,014,931	1,760,103	3,031	22	877,377	3,798,505
318	Linen goods	4	690,000	288,575	226	261	95,220	655,000
319	Liquor coloring	1	2,000	1,000	2	.....	600	6,000

MANUFACTURES. TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
320	Liquors—Bottled	12	$32,650	$34,804	50	.....	$18,204	$82,610
321	Distilled	1,193	11,548,675	18,330,713	5,405	11	1,753,445	26,768,225
322	Malt	1,269	15,782,342	9,997,293	6,412	21	2,305,970	21,310,933
323	Rectified	232	2,571,265	6,351,972	685	3	283,640	7,994,707
324	Wine	32	306,300	196,075	102	4	48,208	400,791
325	Cordials	3	7,975	11,216	13	.....	4,536	30,900
326	Lithography	53	445,250	229,206	760	26	338,868	848,230
327	Locksmithing and bell hanging	49	127,780	49,285	203	.....	76,992	195,071
328	Locomotive engines and repairing	19	3,482,592	2,411,954	4,174	.....	1,584,468	4,866,900
329	Looking-glass and picture frames	199	1,008,383	1,228,831	1,884	12	704,274	2,854,132
330	Lumber, planed	466	4,138,996	8,201,497	3,715	2	1,322,438	11,589,736
331	Lumber, sawed	19,699	72,503,894	43,156,903	71,207	671	20,647,807	93,338,606
332	Lye, condensed	1	10,000	52,780	5	.....	1,800	62,500
333	Macaroni and vermicelli	6	24,600	40,360	29	31	20,460	111,600
334	Machinery—Cotton and woollen	192	2,492,088	1,911,786	4,370	443	1,619,052	4,902,704
335	Hay and cotton presses	2	3,500	6,330	12	.....	7,080	31,000
336	Paper	3	45,000	13,675	33	.....	14,232	41,400
337	Rice machines	1	500	132	1	.....	300	500
338	Ribbon looms	1	2,000	2,850	10	.....	4,800	15,000
339	Shingle machines	5	10,400	2,371	13	.....	4,452	10,620
340	Silk	2	8,000	2,550	17	.....	5,880	12,756
341	Stump machines	1	900	3,160	8	.....	3,360	7,210
342	Turbine water-wheels	2	43,000	35,009	50	.....	15,600	96,700
343	Wood working	2	34,000	28,050	78	.....	38,400	135,000
344	Steam-engines, &c	1,177	33,392,080	17,432,620	36,190	8	14,469,390	46,757,486
345	Machinist's tools	17	536,150	143,404	455	.....	178,732	540,292
346	Magnesia	2	2,700	2,600	9	.....	3,312	12,270
347	Manganese	1	2,000	500	10	.....	3,600	5,250
348	Malt	85	2,125,759	2,365,299	589	.....	189,800	3,228,857
349	Malt kilns	2	2,300	2,400	9	.....	2,340	7,000
350	Map mounting and coloring	1	200	200	2	.....	816	2,000
351	Maps	15	218,500	115,555	90	110	69,108	301,500
352	Marble and stone work	1,806	8,864,675	5,345,526	15,365	14	5,672,211	16,244,044
353	Mast hoops and hanks	6	4,650	1,482	14	.....	5,400	10,580
354	Masts and spars	27	204,200	124,420	181	.....	82,716	301,591
355	Matches	75	361,750	229,720	604	648	179,450	698,566
356	Mats and rugs	9	34,700	42,850	161	4	20,692	107,036
357	Mattresses and beds	36	35,755	43,631	72	21	23,904	104,490
358	Medicine chests	3	6,000	3,550	10	.....	4,308	9,150
359	Medicines, extracts, and drugs	173	1,977,385	1,492,248	833	226	372,127	3,465,594
360	Metallic caps and lables	1	500	1,200	4	.....	960	3,700
361	Metal cocks and faucets	10	175,500	197,798	299	.....	135,024	431,445
362	Metal, repaired and white	7	226,200	226,150	49	.....	21,348	330,500
363	Metal spinning	1	1,000	1,594	2	.....	720	4,648
364	Metal type	1	50,000	50,640	6	.....	2,304	68,000
365	Military goods	15	407,500	107,350	174	35	76,528	299,856
366	Milk, condensed	1	24,000	25,000	9	1	3,300	48,000
367	Millinery and dress making	967	1,379,777	2,153,192	132	4,614	887,702	4,543,284
368	Millinery goods	35	365,900	739,965	111	923	202,508	1,483,154
369	Millstones and mill furnishing	21	168,245	100,329	162	.....	65,952	270,644
370	Millwrighting	40	274,950	175,115	329	4	99,356	482,654
371	Mineral water	123	585,860	454,458	720	7	241,292	1,415,420
372	Mineral water apparatus	2	52,500	7,500	33	1	10,080	30,000
373	Molasses, refined	2	10,500	87,000	21	.....	6,384	98,600
374	Money drawers	1	600	540	8	.....	2,900	16,800
375	Moulding sand	3	5,650	4,000	15	.....	3,600	13,600
376	Mowing-machine knives	1	3,000	600	1	.....	432	2,100
377	Musical instruments—Miscellaneous	53	184,650	90,038	263	.....	105,740	315,800
378	Melodeons	40	418,400	214,980	447	4	230,352	646,975
379	Organs	20	184,600	111,395	265	.....	112,764	324,750
380	Piano-fortes	110	3,644,250	1,727,885	3,479	3	1,929,664	5,260,907
381	Musical instrument materials	24	189,200	179,051	287	5	148,868	411,486
382	Music printing	2	18,000	5,800	11	.....	5,280	32,500
383	Mustard	4	21,000	33,984	17	.....	5,700	79,450

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
384	Nails, cut, wrought, and spikes	99	$5,810,250	$6,069,195	6,721	157	$2,398,872	$9,857,223
385	Needles	1	700	310	3	.....	600	1,000
386	Needle-threaders	1	500	525	4	.....	1,200	2,880
387	Nets	1	1,500	12,000	2	20	3,360	23,240
388	Newspaper directing machines	1	2,000	340	2	.....	240	600
389	Nickel and cobalt	2	80,000	40,750	40	.....	14,856	81,000
390	Nickel ore	2	115,000	3,396	45	.....	18,880	35,626
391	Oakum	14	191,400	245,080	196	.....	49,944	348,401
392	Oars	4	5,100	3,180	10	.....	3,456	9,255
393	Ochre	1	1,500	420	2	.....	480	1,080
394	Oil—Castor	8	137,400	239,840	97	.....	41,196	320,370
395	Coal	64	2,240,518	2,167,103	932	.....	339,360	4,254,987
396	Cocoa-nut	1	3,000	2,000	2	.....	600	4,000
397	Cotton-seed	7	351,000	498,000	183	.....	76,956	741,000
398	Fish, whale and other	48	1,968,201	5,236,495	335	2	138,276	6,099,377
399	Kerosene	14	2,085,000	895,124	551	.....	216,924	2,142,693
400	Lard	29	512,950	2,131,141	147	4	51,112	2,552,510
401	Linseed	94	2,592,550	5,044,267	808	6	284,694	5,981,843
402	Neatsfoot	4	10,000	8,533	15	.....	3,024	15,826
403	Rosin	14	560,000	204,326	77	.....	32,732	518,430
404	Water	1	6,000	15,800	3	.....	1,440	20,000
405	Oil and enamelled cloth	41	1,265,700	1,955,912	1,205	23	420,972	2,916,416
406	Oil cloth, silk	1	1,500	4,838	4	.....	840	7,000
407	Oil floor cloth	8	341,000	420,063	310	.....	96,324	685,800
408	Oils—Chemical	1	100,000	134,825	20	.....	6,920	200,000
409	Essential	45	35,615	87,399	74	.....	12,347	124,317
410	Oil-stones	1	1,000	200	2	.....	360	2,500
411	Oil-tanks	1	1,500	1,627	3	.....	720	2,410
412	Ornaments—Paper	1	100	250	1	.....	360	1,200
413	Plaster	11	10,100	9,325	42	.....	12,780	35,070
414	Terra cotta	1	600	238	4	.....	1,584	4,000
415	Painting	268	300,815	325,112	903	10	379,088	915,339
416	Paint mills	1	4,000	1,242	4	.....	1,920	6,000
417	Paints	45	1,615,300	1,567,238	562	1	213,864	2,574,955
418	Paper	555	14,052,683	11,602,266	6,519	4,392	2,767,212	21,216,802
419	Paper bags	2	11,000	12,200	5	9	2,460	21,500
420	Paper clay	1	10,000	1,000	6	.....	1,872	7,500
421	Paper hangings	26	1,037,600	1,153,670	1,203	91	328,224	2,148,800
422	Paper ruling	1	500	500	4	.....	720	1,600
423	Paper shades	1	10,000	5,000	13	12	6,300	25,000
424	Paper staining	3	17,000	14,026	25	2	7,260	28,500
425	Patterns and models	48	101,050	32,221	240	.....	111,732	236,080
426	Pearl goods	12	16,300	17,675	97	15	26,976	59,416
427	Perfumery and fancy soaps	33	597,000	460,194	261	274	146,076	1,222,400
428	Photographic materials	12	198,000	175,821	255	296	123,900	468,280
429	Photographs	249	417,250	293,257	580	73	359,854	1,090,647
430	Piano-forte stools	1	1,500	1,860	5	.....	2,400	7,800
431	Pins	7	266,000	272,422	88	165	65,820	432,500
432	Pipes—Clay	1	500	150	3	.....	684	3,750
433	Meerschaums	1	800	375	2	.....	840	2,000
434	Pipe tongs	1	1,000	1,450	5	.....	2,400	5,000
435	Pipe, wooden	1	4,000	1,000	2	.....	864	2,000
436	Pitch, brewer's and Burgundy	3	5,800	2,000	3	.....	1,800	7,100
437	Plaster, and manufactures of	307	1,023,990	522,836	864	2	232,500	1,110,854
438	Plastering	11	7,150	16,104	49	.....	21,540	49,500
439	Plugs and wedges	1	2,500	300	4	.....	960	3,000
440	Plumbago, black and silver lead	2	101,600	16,853	48	.....	15,000	53,000
441	Plumber's materials	1	14,000	26,905	35	.....	7,200	40,000
442	Plumbing and gas fitting	221	797,470	931,320	1,345	.....	523,050	2,113,701
443	Pocket-books, porte-monnaies, and wallets	46	208,200	354,264	423	397	156,996	706,037
444	Porcelain ware	3	360,000	81,195	224	12	109,680	243,000
445	Potter's clay and materials	2	23,000	15,000	24	.....	6,480	34,000
446	Pottery and stone ware	557	1,341,774	517,113	2,836	72	934,918	2,463,681
447	Powder flasks and percussion caps	7	245,500	142,315	143	94	60,280	320,000

MANUFACTURES. TOTALS OF. 1860

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
448	Prepared moss	1	$4,000	$4,000	5	.....	$3,600	$18,000
449	Printer's chases, furniture, and rollers	8	13,900	11,699	27	.....	10,656	31,500
450	Printing and publishing	1,666	19,622,318	12,844,288	17,826	2,333	7,588,096	31,063,898
451	Printing and lithographic presses	14	1,015,000	145,520	707	.....	289,684	943,450
452	Provisions	352	11,484,896	24,894,624	6,680	799	1,388,190	31,986,433
453	Pump logs	1	3,000	1,000	2	.....	624	3,000
454	Pumps and hydraulic rams	133	453,740	229,198	534	.....	199,856	685,024
455	Putty	3	11,500	18,280	9	.....	2,700	35,780
456	Quicksilver	3	3,112,000	166,100	335	.....	159,000	382,000
457	Quilts	2	6,500	12,160	1	19	2,424	15,500
458	Razor-strops	9	17,000	14,547	28	29	12,984	56,800
459	Refrigerators and water-coolers	13	83,650	70,727	92	1	41,844	162,550
460	Regalias, banners, and flags	6	12,000	12,600	10	13	5,508	26,900
461	Rice cleaning	23	529,700	1,530,777	229	213	79,836	1,788,126
462	Rice flour	1	115,000	648,200	76	20	16,560	772,200
463	Rigging	20	72,400	296,058	294	.....	147,588	506,350
464	Roofing	56	352,300	533,155	554	.....	195,996	1,024,019
465	Saddlery and harness	3,621	6,478,184	6,606,415	11,963	322	4,150,365	14,169,037
466	Saddlery and harness materials	74	137,850	119,929	480	15	182,676	435,291
467	Sad-irons	3	55,000	52,650	152	.....	42,060	140,000
468	Safes—Cheese	1	3,000	2,500	2	.....	720	4,000
469	Fire-proof	36	1,026,800	757,515	1,093	.....	471,924	1,910,079
470	Provision	4	10,500	5,132	25	.....	8,940	21,200
471	Safety-fuse	3	40,000	47,245	14	19	8,880	70,940
472	Sails	133	312,075	820,222	641	2	267,485	1,328,146
473	Saleratus	11	275,000	439,010	172	6	89,112	1,176,000
474	Salt	399	3,692,215	1,054,780	2,190	23	371,954	2,289,504
475	ground	9	83,700	95,140	37	14	18,852	167,468
476	Saltpetre and nitrate of soda	1	3,000	18,000	2	.....	1,032	23,500
477	Sand-paper	3	42,500	24,760	18	3	7,368	54,350
478	Sand, washed	4	44,700	6,750	31	.....	7,936	132,500
479	Sash, doors, and blinds	986	5,419,487	3,965,365	7,399	7	2,745,567	9,529,007
480	Sash, metal	3	4,000	5,008	6	.....	2,460	12,600
481	Satinet printing	7	120,000	95,032	103	8	39,792	222,420
482	Saws	42	770,200	583,123	756	3	281,392	1,237,063
483	Scales and balances	43	744,300	336,166	725	.....	280,015	1,292,560
484	School apparatus	3	8,200	5,560	23	7	9,936	27,000
485	Scythe rifles	1	500	165	1	1	480	1,400
486	Scythes	22	667,025	214,037	474	.....	173,723	552,753
487	Scythe stones	12	7,700	2,029	29	.....	8,676	16,735
488	Seal and copying presses	3	19,000	8,500	17	.....	7,680	39,000
489	Seeds, garden and flower	2	38,000	.....	13	15	10,500	45,500
490	Sewing birds	1	12,000	8,850	10	2	4,560	17,000
491	Sewing machine cases	1	20,000	33,750	20	.....	6,000	50,000
492	Sewing machine needles	12	46,700	18,714	117	18	42,588	97,386
493	Sewing machines	74	1,426,550	647,963	2,259	28	1,090,956	4,247,820
494	Sewing machine shuttles	1	1,200	349	10	.....	3,840	8,000
495	Shingles and lath	665	1,128,470	652,831	2,177	19	552,849	1,665,507
496	Ship and boat building	614	5,472,815	4,774,586	9,259	1	4,154,509	11,667,661
497	Shoddy	30	123,500	227,925	141	149	54,124	402,590
498	Shoe and boot tips	1	25,000	31,400	15	.....	8,184	149,740
499	Shoe findings	43	157,600	91,991	265	38	92,692	307,188
500	Shoemaker's tools	39	139,900	73,096	387	7	120,396	339,059
501	Shoe peg machines	2	4,000	980	13	.....	7,200	16,000
502	Shoe strings	2	2,500	2,650	7	5	3,036	7,040
503	Shoulder braces	1	100	200	1	2	480	800
504	Shovels, spades, forks, and hoes	55	963,300	866,468	1,188	1	414,620	1,638,876
505	Show cards	7	20,400	39,811	44	27	19,284	91,100
506	Show cases	9	17,900	29,141	40	.....	18,648	85,200
507	Sieve hoops	2	9,000	1,300	7	.....	2,208	5,850
508	Signs	20	11,500	24,995	83	.....	38,016	85,200
509	Silk and fancy goods, fringes, and trimmings	95	1,262,780	1,527,769	940	1,841	647,996	2,992,923
510	Silk, sewing and twist	42	1,675,900	2,378,521	583	1,996	387,312	3,596,249
511	Silver mining	6	694,000	99,000	259	.....	52,200	1,040,000

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
512	Silver, manufactures of	106	$1,712,050	$2,266,784	1,283	61	$556,140	$3,571,654
513	Silver-plated and Britannia ware	128	1,537,540	1,738,806	2,172	327	932,756	3,676,460
514	Sirups, other than sorghum	7	73,200	96,422	21	.....	16,476	172,630
515	Skirt supporters	2	4,500	4,300	11	10	4,368	15,000
516	Slate quarrying	22	323,300	63,660	368	2	118 824	287,150
517	Soap and candles	614	6,347,138	12,562,179	3,062	185	1,066,390	18,464,574
518	Soap-stone	6	16,900	10,425	27	.....	10,824	27,600
519	Sorghum sirup	8	9,300	4,903	25	.....	4,692	23,870
520	Speaking tubes	1	400	460	2	.....	960	2,000
521	Spelter	1	5,000	2,420	6	.....	2,160	10 800
522	Splints	2	7,200	7,515	14	.....	5,520	27,640
523	Spokes, hubs, felloes, shafts, and bows	215	1,422,700	792,324	1,635	.....	599,179	2,213,849
524	Sponges	1	14,000	.....	250	.....	60,000	72,000
525	Springs, car, carriage, locomotive, and other	40	1,264,000	1,093,142	1,009	.....	408,160	2,117,377
526	Stair building	46	105,266	113,862	258	.....	113,022	339 600
527	Stair rods	5	87,000	75,685	62	5	28,380	149 400
528	Starch	167	2,051,710	1,380,000	1,063	10	298,526	2,823 258
529	Stationery	32	144,400	81,167	365	27	106,380	325,338
530	Staves, heading, hoops, and shooks	295	897,726	772,029	1,787	1	501,809	1,711,743
531	Steam and gas fittings and valves	18	229,000	177,004	396	30	122,292	507,400
532	Steam and water gauges	1	2,000	382	5	.....	2,400	5,310
533	Steam heaters and heating apparatus	9	275,500	189,876	234	.....	75,540	516,650
534	Steel, and manufactures of	17	1,666,000	858,274	871	18	338 880	1,879,840
535	Steering apparatus	1	1,500	950	3	.....	792	3,500
536	Stencils and brands	4	2,150	1,340	8	.....	3,420	7,675
537	Stencil tools	1	7,000	2,120	12	.....	3,120	35 000
538	Stereoscopic cases	1	500	730	1	.....	600	1,200
539	Stereotyping and electrotyping	41	126,500	60,507	305	.....	120,840	286,300
540	Stone-cutter's tools	1	200	100	1	.....	360	850
541	Stove polish	10	30,500	42,320	40	15	15,552	121,350
542	Straw bonnet bleaching	3	2,500	3,170	23	27	12,228	18,500
543	Straw goods	39	1,256,700	2,529,416	801	6,803	1,384 232	4,395 616
544	Stucco and stucco work	6	7,100	8,725	38	.....	15,900	45,265
545	Stuffed birds	1	500	200	1	.....	720	1,100
546	Sugar and molasses	2	1,300	477	5	.....	800	2,280
547	Sugar evaporators	2	11,000	11,060	27	.....	9,456	31,000
548	Sugar moulds	3	8,000	29,945	75	.....	22,800	90,000
549	Sugar refining	39	9,087,600	34,103,767	3,484	.....	1,358,328	42,143,234
550	Sulphur	3	73,000	107,700	22	.....	8,736	133,264
551	Suspenders	4	341,200	243,522	143	339	95,460	633,000
552	Tags	1	3,500	4,500	2	15	2,664	10,000
553	Tapes and binding	1	60,000	40,400	40	60	26,400	75,000
554	Tar	29	6,500	3,895	47	.....	10,284	44,990
555	Teeth, porcelain	11	304,000	206,410	92	84	67,704	367,518
556	Terra cotta ware	2	11,750	2,345	16	.....	5,760	18,000
557	Thread, linen	7	149,795	99,195	92	110	39,248	184,570
558	Timber cutting and timber hewed	159	450,483	77,565	1,202	.....	322,792	640,801
559	Tin, copper, and sheet-iron ware	3,488	9,079,766	7,699,047	11,156	70	4,056,480	16,718,388
560	Tin foil	1	100,000	92,000	30	.....	11,400	120,000
561	Tinned iron ware	1	17,000	23,700	66	.....	16,740	50 000
562	Tinner's tools and machines	6	100,000	34,743	135	.....	54,600	128,035
563	Tobacco and snuff	626	9,494,405	13,024,988	15,869	2,990	3,571,294	21,820,535
564	Torpedoes	3	2,200	828	.....	11	1,920	4,275
565	Toy books and games	1	38,000	30,000	15	30	8,400	70,000
566	Toys	10	47,000	37,130	65	51	32,928	104,000
567	Toys, tin	1	2,000	3,505	9	6	3,360	10,000
568	Trunk and carpet bag frames	3	28,500	27,976	105	.....	9,420	53,500
569	Trunks, carpet bags, and valises	151	935,800	1,380,444	1,793	299	692,572	2,836,969
570	seamen's chests	1	2,000	900	2	.....	792	2,800
571	Trusses, bandages, and supporters	18	28,300	29,440	38	50	25,488	77,860
572	Truss hoops	2	550	542	3	.....	1,200	2,300
573	Turning, ivory and bone	19	89,550	130,155	293	14	88,608	253,204
574	Turning, scroll sawing, and moulding	253	988,328	836,484	1,667	.....	585,740	2,084,325
575	Turpentine—Crude	1,082	957,648	250,094	2,102	6	394,968	986,366

MANUFACTURES, TOTALS OF, 1860.

	MANUFACTURES.	Number of establishments.	Capital invested.	Cost of raw material.	NUMBER OF HANDS EMPLOYED.		Annual cost of labor.	Annual value of products.
					Male.	Female.		
576	Turpentine—Distilled	596	$4,007,258	$4,320,519	4,032	135	$760,412	$6,423,379
577	Type and type and stereotype founding	32	1,113,600	357,600	795	312	416,404	1,276,570
578	Type, wooden	2	26,500	5,000	32	7	11,520	25,000
579	Umbrella furniture	6	38,852	41,977	163	46	43,380	134,100
580	Umbrellas and parasols	66	1,038,890	2,015,623	551	1,410	433,980	2,948,302
581	Upholstery	199	740,330	1,705,634	876	551	425,452	2,920,188
582	Valentines	1	7,000	3,000	9	.....	2,160	12,000
583	Vanes, weather	1	1,500	2,025	2	.....	1,200	4,500
584	Vault lights	1	1,000	4,900	30	.....	10,800	40,000
585	Varnish	48	1,080,650	1,549,413	312	3	126,024	2,402,790
586	Vats	1	12,000	61,860	18	.....	8,208	90,000
587	Veneers	25	507,300	585,187	192	2	88,560	1,021,700
588	Venetian blinds	31	48,200	49,747	106	32	42,384	134,740
589	Vinegar	126	428,200	411,273	308	11	107,340	923,822
590	Wagons and carts	3,305	4,591,968	2,812,981	9,639	2	3,415,925	8,703,937
591	Washing blue	1	500	1,706	1	.....	288	3,000
592	Washing machines and clothes dryers	29	34,700	24,824	85	.....	29,124	87,565
593	Watches, watch repairing, and materials	94	775,611	705,178	710	123	359,940	1,524,700
594	Watch engraving	2	2,200	200	3	.....	1,728	2,600
595	Watch guards	1	1,200	2,400	22	6	2,736	12,000
596	Watchmaker's lathes	2	1,700	152	7	.....	2,400	4,750
597	Water-closets	3	23,000	34,920	35	.....	11,040	55,300
598	Water lime	29	465,400	291,798	1,054	.....	236,556	928,292
599	Wax work	1	100	100	1	.....	312	600
600	Webbing	10	202,400	131,216	109	170	63,492	303,010
601	Well curbs	8	7,100	10,670	15	.....	5,304	29,830
602	Whalebone and ratan	3	69,000	86,843	43	7	12,720	132,331
603	Whetstones	1	15,000	5,000	15	.....	2,400	15,600
604	Whips, whip-lashes, sockets, and canes	71	372,467	223,708	720	459	240,658	852,150
605	White lead	36	2,453,147	3,524,633	992	2	387,240	5,380,347
606	Whitesmithing	4	1,800	2,600	8	1	3,504	10,000
607	Whiting	8	62,500	37,678	45	.....	18,720	195,600
608	Wigs and hair work	44	72,600	78,345	98	57	44,388	237,013
609	Willow furniture and willow ware	26	33,420	15,847	91	16	35,736	82,245
610	Windlasses	1	10,000	2,700	2	.....	1,800	4,500
611	Windmills	5	8,550	11,165	27	.....	12,948	28,750
612	Window blinds and shades	15	23,950	51,495	82	1	34,924	134,620
613	Wire	25	629,063	1,133,805	727	62	279,540	2,018,133
614	Wire cloth	7	28,900	24,205	36	4	11,964	45,485
615	Wired steel	1	400	505	1	.....	480	1,500
616	Wire rope	1	100,000	45,000	30	.....	14,400	70,000
617	Wire work—Sieves and bird cages	58	234,300	214,450	457	12	120,060	478,543
618	Wood cutting	1	.....	15,000	30	.....	4,680	21,000
619	Wooden clothes frames	1	1,000	195	4	.....	960	1,500
620	Wooden door knobs	1	1,200	6,200	10	.....	3,600	10,600
621	Wooden screws	5	6,900	1,808	14	.....	4,560	9,490
622	Wooden ware	229	1,103,770	835,273	1,909	24	619,062	2,108,656
623	Wood work—Miscellaneous	10	34,500	41,765	59	8	21,594	106,250
624	Wool carding and cloth dressing	712	1,080,985	1,759,125	1,146	130	286,267	2,403,513
625	Wool cleaning and pulling	47	510,900	1,174,130	341	12	116,564	1,629,361
626	Woollen goods	1,227	30,186,954	35,652,701	24,471	16,126	9,616,593	60,635,190
627	Woollen yarn	33	675,700	934,186	370	393	191,661	1,320,027
628	Worsted goods	3	3,230,000	2,442,775	1,101	1,277	543,684	3,701,378
629	Zinc ore	2	59,100	4,537	52	.....	15,696	72,600
630	Zinc, oxide of	4	1,228,000	138,690	140	1	51,720	226,860
631	Zinc paint	1	1,000,000	95,000	100	.....	36,000	250,000
	Total	140,433	1,009,855,715	1,031,605,092	1,040,349	270,897	378,878,966	1,885,861,676