TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—MINNESOTA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Saws	1	$300	2			$1,500	$2,000	$5,000
Scales and balances	1	400	2			1,000	1,000	2,500
Shipbuilding	1	10,000	16			8,000	2,500	15,000
Shirts	6	13,700	10	63		21,800	28,700	67,500
Show-cases	2	5,000	12		1	6,000	9,100	18,300
Silversmithing	1	2,500	3			1,000	1,000	3,000
Slaughtering and meat-packing, not including retail butchering establishments.	12	230,000	92		4	41,700	716,153	887,532
Soap and candles	6	92,900	30	9		14 050	72,000	128,640
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	2	16,000	32			25,000	35,000	90,000
Stencils and brands	2	1,900	2			1,500	1,100	4,600
Stereotyping and electrotyping (see also Type founding)	2	7,500	8			3,850	3,010	12,700
Stone- and earthen-ware	3	28,000	24			11,962	8,525	31,000
Tinware, copperware, and sheet-iron ware	145	201,131	312		5	157,836	334,814	665,999
Tobacco, cigars and cigarettes	54	142,362	221	2	42	142,368	211,250	562,234
Tools (see also Cutlery and edge tools)	1	500	4			2,500	1,200	5,500
Toys and games	1	1,000	10		50	2,880	2,500	9,000
Trunks and valises	4	22,500	41		5	26,500	49,000	96,000
Type founding (see also Stereotyping and electrotyping)	1	12,000	3	2	2	5,000	3,600	12,000
Upholstering (see also Furniture)	6	2,700	7			2,300	4,400	12,800
Vinegar	4	27,000	14			6,160	16,640	57,500
Washing-machines and clothes-wringers	2	1,500	5			2,530	1,000	6,000
Watch and clock repairing	51	55,375	61		2	32,761	18,795	94,050
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	179	240,035	314		2	126,080	160,861	440,414
Windmills	2	2,000	4			1,200	3,300	7,200
Wirework	2	3,300	2			1,200	701	3,454
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	4	10,650	22			6,350	11,350	22,300
Wooden ware	1	15,000	12			1,500	2,000	4,000
Woolen goods (see also Gloves and mittens)	13	190,500	106	73	50	46,108	155,867	253,378

A—MISSISSIPPI, BY TOTALS OF COUNTIES.

The State	1,479	$4,727,600	4,887	413	527	$1,192,645	$4,667,183	$7,518,302
COUNTIES.								
Adams	52	427,325	317	54	46	100,868	274,801	504,765
Alcorn	65	66,910	130		9	28,410	99,056	167,441
Amite	44	40,700	56		1	5,478	41,373	56,785
Attala	55	70,440	131			17,573	90,718	131,614
Benton	19	24,250	43		8	5,160	34,264	51,969
Bolivar	20	24,475	51			5,728	24,402	43,950
Calhoun	20	33,240	38			4,507	47,095	60,380
Carroll	21	38,300	46	19	11	14,840	23,533	44,638
Chickasaw	19	35,150	42			6,517	86,640	103,512
Choctaw	20	23,150	53			5,946	47,800	65,440
Claiborne	1	3,000	5			500	2,000	3,000
Clarke	20	120,240	81	47	27	23,071	120,551	173,526
Clay	24	34,800	59			10,559	67,375	91,033
Coahoma	3	38,700	56		4	16,500	46,700	70,600
Copiah	50	1,006,510	252	232	175	134,880	403,264	787,844
Covington	12	15,000	18			3,177	21,444	29,263
De Soto	32	30,980	52			5,003	28,320	47,696
Franklin	8	5,970	10	2		1,154	3,964	7,350
Greene	2	4,880	11		1	1,295	12,008	16,320
Grenada	23	27,800	44		1	7,107	22,528	38,718
Hancock	10	93,600	69		14	21,585	66,346	98,550
Harrison	14	78,450	87		8	20,200	123,910	200,650
Hinds	14	218,000	206		14	48,278	94,461	196,450
Holmes	24	31,100	45			6,310	36,761	53,458
Issaquena	1	1,000	3			150	1,400	2,750
Itawamba	9	15,880	12			2,268	20,048	27,694
Jackson	14	116,000	96	4	3	40,215	258,722	363,760
Jasper	12	13,500	22			1,260	16,541	20,955
Jefferson	16	18,150	45		1	6,150	8,775	23,675
Jones	4	3,200	6			433	7,202	9,305
Kemper	20	23,600	29			4,800	54,090	72,180
La Fayette	30	48,900	41			5,795	69,078	80,033
Lauderdale	43	186,600	344	18	11	59,663	300,658	431,461
Lawrence	14	17,300	15			1,340	19,359	25,270
Leake	16	15,550	19			1,950	38,200	44,960
Lee	37	30,925	57		5	4,844	54,080	71,283
Le Flore	3	8,700	11			750	5,925	8,700
Lincoln	25	140,600	132			22,910	122,870	200,015
Lowndes	36	162,300	198	2		36,019	177,423	264,536
Madison	13	57,250	25			4,482	31,380	39,747
Marion (a)								
Marshall	34	130,975	139		13	42,528	108,657	204,305
Monroe	53	84,270	100	4	9	21,685	121,160	184,580
Montgomery	18	21,380	55		10	9,610	29,170	51,568
Neshoba	15	21,600	23			2,801	37,064	44,013

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A- MISSISSIPPI, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Newton	21	$31,075	59		5	$5,810	$42,208	$63,450
Noxubee	36	99,775	113	6	18	17,141	139,706	199,142
Oktibbeha	15	88,000	116	1	8	25,062	43,010	81,929
Panola	31	49,590	70		3	12,405	51,520	83,517
Perry	5	5,150	6			295	4,225	5,540
Pike	20	53,200	58		8	13,345	83,498	124,489
Pontotoc	13	28,260	33		2	2,738	30,004	39,885
Prentiss	24	17,275	38			7,062	53,715	68,005
Quitman (a)								
Rankin	27	19,000	52		4	3,781	30,907	44,669
Scott	7	9,400	14			2,264	6,780	11,497
Sharkey (a)								
Simpson	4	8,600	11		2	1,425	13,850	19,800
Smith	17	15,800	22			1,911	20,588	25,400
Sumner	9	15,100	22			2,222	6,580	11,625
Sunflower (a)								
Tallahatchie	15	23,075	35			2,369	18,765	25,774
Tate	19	34,450	70		11	16,597	39,061	71,363
Tippah	32	28,010	52		1	5,191	46,156	70,036
Tishomingo	20	51,150	51	13	8	9,962	60,999	85,074
Tunica	1	4,000	3			300	1,150	2,850
Union	18	41,100	49		1	3,375	44,990	56,741
Warren	59	196,475	315		17	185,968	266,361	598,274
Washington	9	143,200	122	3	62	40,600	102,340	188,563
Wayne	24	39,750	102	6		28,110	136,805	200,583
Wilkinson	8	4,225	6			1,522	3,250	9,150
Winston	10	11,900	21			1,808	23,221	28,024
Yalobusha	15	22,250	44			10,602	22,400	51,443
Yazoo	26	77,140	129	2	6	26,481	73,003	122,237

a Returned as having no manufactures.

B—MISSISSIPPI, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,479	$4,727,600	4,887	413	527	$1,102,645	$4,667,183	$7,518,302
Agricultural implements	12	31,900	61			16,025	32,120	68,640
Baking and yeast powders	1	2,000	3		1	200	500	1,500
Blacksmithing (see also Wheelwrighting)	156	62,925	204	8	4	43,173	53,650	106,291
Boots and shoes, including custom work and repairing	85	61,795	167	4	1	49,245	86,643	192,312
Bread and other bakery products	8	13,460	37	5	2	11,360	16,725	48,150
Brick and tile	54	106,125	593	4	112	89,053	42,979	194,870
Brooms and brushes	1	3,500	4			1,000	1,500	3,000
Carpentering	41	29,175	128		3	39,642	91,400	170,316
Carriages and wagons (see also Wheelwrighting)	20	129,500	150		6	57,812	75,520	191,500
Clothing, men's	4	2,110	11			4,200	4,950	13,300
Coffins, burial cases, and undertakers' goods	2	3,200	5			3,400	10,300	15,950
Confectionery	5	3,900	22	1	2	8,249	14,350	34,500
Cooperage	2	150	3			1,250	750	2,600
Cotton compressing	1	7,000	15			1,500	350	3,250
Cotton goods	9	1,130,640	183	324	215	136,304	345,649	601,415
Flouring- and grist-mill products	525	889,950	848			96,423	1,535,602	1,762,523
Foundery and machine-shop products	17	130,500	140		7	59,468	70,426	172,200
Furniture (see also Mattresses and spring beds; Upholstering)	9	13,150	53	1		13,250	14,400	35,800
Furniture, chairs	3	485	4			420	475	1,900
Glass (a)	1	25,000						
Hairwork	1	600	1			100	74	550
Leather, curried	26	26,300	29		1	6,860	74,103	102,436
Leather, tanned	34	37,690	54		1	12,688	66,995	106,260
Lock- and gun-smithing	7	3,850	3			1,604	1,675	7,450
Lumber, planed (see also Sash, doors, and blinds)	6	15,200	33		5	9,310	51,800	71,350
Lumber, sawed	295	922,595	1,123		47	197,867	1,219,116	1,920,335
Marble and stone work	6	5,000	23			8,888	10,765	34,688
Masonry, brick and stone	5	3,000	14			3,475	1,300	7,700
Mattresses and spring beds (see also Furniture)	6	2,300	8			2,661	3,825	8,450
Mineral and soda waters	1	1,000	1			310	250	1,100
Oil, cottonseed and cake	8	450,000	440	3	66	94,860	371,080	560,363
Painting and paperhanging	4	2,375	10		1	3,470	8,300	19,170
Paints	1	200	3			500	1,000	3,000
Photographing	1	1,000	1	1		400	500	1,800
Plumbing and gasfitting	2	2,800	7			5,025	5,000	17,000
Printing and publishing	11	96,500	123		2	58,721	38,661	138,500
Saddlery and harness	21	63,150	48			20,767	47,260	114,838
Sash, doors, and blinds (see also Lumber, planed)	2	14,500	30			10,715	12,500	29,850
Shingles, split	1	125	10			900	400	2,000
Shipbuilding	3	2,500	4			2,860	1,950	5,500
Stone- and earthen-ware	2	4,700	28			8,800	2,810	19,500
Tar and turpentine, not including farm products	11	18,500	47	6		18,510	59,650	97,000
Tinware, copperware, and sheet-iron ware	24	58,900	56		3	28,655	60,825	125,800
Tobacco, cigars and cigarettes	1	500	1			250	600	1,400
Upholstering (see also Furniture)	1	500	1			200	500	1,000
Watch and clock repairing	6	2,350					1,150	4,200
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	29	19,500	47		2	14,180	15,150	47,380
Woolen goods	8	331,500	111	61	46	53,100	211,646	299,605

a Building.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—MISSOURI, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State	8,592	$72,507,844	54,200	5,474	4,321	$24,309,716	$110,798,392	$165,386,205
Adair	47	77,685	131	.....	17	31,974	157,000	257,100
Andrew	64	137,755	158	.....	3	25,360	312,397	461,409
Atchison	27	53,050	56	1	.....	11,145	88,434	121,275
Audrain	22	100,600	86	4	9	26,070	215,645	282,155
Barry	18	39,510	23	.....	.....	2,936	57,427	69,593
Barton	21	30,950	52	1	.....	14,305	89,038	126,424
Bates	69	96,940	148	3	6	38,587	259,814	373,901
Benton	33	49,975	40	.....	.....	7,230	112,135	146,248
Bollinger	33	83,845	116	.....	.....	23,471	129,546	182,315
Boone	72	237,281	238	.....	.....	59,831	563,418	721,112
Buchanan	283	1,812,450	2,687	100	170	1,111,692	6,433,896	8,794,473
Butler	14	44,100	106	.....	1	24,159	145,040	208,024
Caldwell	49	95,975	102	.....	.....	22,783	172,124	242,106
Callaway	64	120,500	119	2	17	27,900	219,013	313,684
Camden	9	18,350	14	.....	.....	1,420	24,893	29,475
Cape Girardeau	108	518,412	416	3	27	113,356	866,161	1,163,174
Carroll	43	123,480	103	.....	1	26,353	210,483	285,923
Carter	3	23,000	40	.....	.....	8,500	31,250	63,500
Cass	36	154,210	120	8	4	35,755	353,326	464,958
Cedar	20	28,200	44	.....	.....	5,642	32,010	47,567
Chariton	51	111,400	121	1	5	24,803	130,965	210,713
Christian	16	18,650	23	.....	4	3,205	33,215	46,644
Clark	11	23,900	15	.....	5	3,855	22,875	39,900
Clay	49	129,125	142	11	5	32,513	282,171	378,915
Clinton	72	98,625	164	2	4	45,489	157,707	287,878
Cole	72	435,147	1,034	31	3	223,935	1,260,138	1,721,384
Cooper	75	283,865	275	2	41	75,382	410,980	624,788
Crawford	19	419,200	698	.....	26	56,550	335,957	580,712
Dade	22	34,500	29	.....	.....	4,921	70,864	91,311
Dallas	8	16,300	12	.....	.....	2,625	77,558	90,624
Daviess	73	114,832	154	1	4	37,140	265,686	403,653
De Kalb	28	27,700	49	.....	.....	9,371	48,683	78,707
Dent	22	133,622	47	.....	.....	9,995	39,396	67,140
Douglas	29	46,000	48	.....	.....	8,738	49,249	81,304
Dunklin	15	33,600	46	.....	.....	5,658	36,361	50,992
Franklin	103	490,575	227	.....	19	63,471	672,719	846,999
Gasconade	59	164,475	116	.....	1	18,372	215,918	285,090
Gentry	91	91,060	135	.....	10	27,885	181,435	275,021
Greene	80	311,270	243	48	45	102,984	346,718	571,555
Grundy	47	90,425	96	4	4	24,742	175,728	252,472
Harrison	51	90,365	104	.....	.....	24,492	112,157	182,239
Henry	82	190,680	219	9	17	92,030	296,601	484,102
Hickory	22	17,375	28	.....	.....	3,941	46,313	63,811
Holt	38	109,415	110	2	5	24,316	192,311	250,493
Howard	44	96,950	100	.....	3	25,980	165,730	234,431
Howell	14	19,575	24	.....	2	8,948	39,998	54,190
Iron	40	1,568,650	75	.....	4	22,290	135,930	201,544
Jackson	292	2,401,805	2,337	238	218	1,482,614	4,166,643	6,983,505
Jasper	118	460,430	429	19	15	161,162	756,162	1,081,371
Jefferson	68	1,444,500	557	41	15	209,390	443,036	782,078
Johnson	76	225,360	148	5	1	46,186	554,570	684,944
Knox	51	87,995	61	7	3	11,678	79,606	137,137
Laclede	18	53,950	53	6	1	13,116	81,573	111,207
La Fayette	62	251,850	207	.....	10	61,110	339,800	496,105
Lawrence	46	130,410	77	.....	1	18,843	88,580	143,354
Lewis	83	131,500	190	.....	11	37,825	253,006	360,125
Lincoln	35	70,350	73	.....	.....	14,410	97,809	142,287
Linn	128	121,560	180	4	12	35,391	237,330	380,204
Livingston	89	214,925	263	13	28	85,185	420,152	637,869
McDonald	13	30,200	28	.....	.....	3,613	41,769	55,409
Macon	96	144,140	247	.....	1	70,004	220,244	373,392
Madison	34	54,500	82	.....	2	15,255	92,382	135,305
Maries	8	14,200	12	.....	4	1,835	9,925	14,870
Marion	157	940,625	820	1	58	287,414	1,905,550	2,697,403
Mercer	63	76,170	109	2	1	26,039	103,595	174,880
Miller	14	22,300	19	.....	.....	4,897	43,163	56,864
Mississippi	30	49,690	100	.....	5	16,024	108,800	168,540
Moniteau	35	78,675	87	3	7	18,613	46,738	91,236
Monroe	73	141,175	177	3	.....	37,730	193,468	299,685
Montgomery	65	146,740	135	10	24	26,860	231,320	313,363
Morgan	32	81,640	52	6	.....	9,946	118,364	146,961
New Madrid	18	39,870	52	.....	1	10,676	51,925	89,362
Newton	55	108,765	193	.....	5	59,633	218,795	351,042
Nodaway	92	197,185	207	6	13	59,569	308,651	483,982
Oregon	7	15,400	14	.....	.....	1,895	16,550	23,071
Osage	43	47,300	67	.....	.....	15,184	67,285	112,235
Ozark	5	6,800	9	.....	.....	1,000	16,361	21,038
Pemiscot	8	10,275	26	.....	1	3,631	21,250	31,725
Perry	57	197,220	133	.....	1	41,640	411,906	521,823
Pettis	57	169,275	200	4	7	71,047	295,187	448,595

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—MISSOURI, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Phelps	32	$703,975	81	4	.....	$27,136	$247,883	$322,803
Pike	137	451,300	421	62	108	164,085	761,999	1,138,179
Platte	40	153,050	144	.....	1	35,130	319,211	398,893
Polk	33	47,385	87	.....	6	12,555	102,127	201,557
Pulaski	17	33,800	38	.....	.....	6,529	81,206	104,276
Putnam	32	63,110	108	.....	.....	26,056	71,537	144,399
Ralls	28	36,650	46	2	4	9,298	73,955	108,026
Randolph	67	131,700	164	.....	6	36,751	295,345	425,159
Ray	60	144,965	116	.....	2	25,949	168,563	250,680
Reynolds	17	52,750	70	.....	.....	13,875	80,713	123,725
Ripley	9	8,100	16	.....	.....	2,965	14,940	26,003
Saint Charles	88	615,555	565	32	158	183,492	1,352,819	1,685,653
Saint Clair	20	30,800	26	.....	2	4,959	40,700	57,395
Saint François	42	350,390	114	.....	.....	36,472	216,607	303,459
Sainte Genevieve	46	151,380	122	.....	5	43,546	483,083	608,380
Saint Louis	47	112,175	101	.....	1	32,458	452,907	567,722
Saint Louis (city)	2,924	50,832,885	33,980	4,761	3,084	17,743,532	75,879,867	114,333,375
Saline	72	174,305	161	.....	.....	37,145	281,772	398,411
Schuyler	47	100,350	119	8	6	27,908	94,175	168,638
Scotland	36	74,775	92	.....	4	27,505	139,516	216,486
Scott	34	122,950	120	.....	5	25,823	162,290	248,476
Shannon	6	8,350	15	.....	.....	2,169	16,884	24,161
Shelby	69	64,455	111	1	1	27,514	111,319	185,307
Stoddard	25	69,500	116	.....	.....	21,276	134,036	189,927
Stone	9	20,100	20	.....	.....	2,775	53,575	65,435
Sullivan	46	139,050	102	2	3	20,141	173,775	242,041
Taney	10	13,000	18	.....	.....	1,453	28,465	33,668
Texas	16	31,800	55	.....	.....	7,808	60,845	82,513
Vernon	35	76,650	118	.....	4	32,802	213,158	290,200
Warren	52	84,475	97	.....	2	17,526	185,130	249,524
Washington	41	205,590	73	.....	.....	18,363	132,937	182,423
Wayne	98	124,525	178	.....	.....	49,209	315,871	460,747
Webster	25	50,600	59	1	9	18,500	100,759	140,033
Worth	29	44,220	58	.....	8	8,075	56,250	85,304
Wright	7	8,850	12	.....	.....	1,521	16,255	20,816

B—MISSOURI, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	8,592	$72,507,844	54,200	5,474	4,321	$24,309,716	$110,798,392	$165,386,205
Agricultural implements	74	645,772	713	.....	13	276,536	599,015	1,141,822
Artificial feathers and flowers	3	36,000	9	50	15	25,450	66,000	147,250
Artificial limbs (see also Surgical appliances)	1	2,000	3	.....	.....	2,000	2,000	6,000
Awnings and tents	11	129,400	50	167	5	57,200	259,885	403,746
Babbitt metal and solder	1	10,000	5	.....	.....	3,000	3,000	7,500
Bagging, flax, hemp, and jute	3	370,000	149	161	76	150,216	545,900	867,395
Bags, other than paper	3	575,000	90	110	8	82,000	1,466,000	1,730,000
Bags, paper	5	88,750	14	30	43	30,450	177,800	238,100
Baking and yeast powders (see also Drugs and chemicals)	12	176,900	74	28	18	56,014	288,400	468,500
Baskets, rattan and willow ware	7	9,015	13	.....	.....	6,140	3,960	18,020
Belting and hose, leather	1	100,000	60	.....	.....	31,000	91,000	210,000
Billiard tables and materials	2	48,000	7	.....	.....	2,840	25,800	51,500
Blacksmithing (see also Wheelwrighting)	1,249	827,105	1,436	.....	26	510,890	727,585	2,122,068
Bluing	3	7,700	8	.....	3	2,950	9,400	18,100
Bone-, ivory-, and lamp-black	1	60,000	25	.....	5	12,000	25,000	50,000
Bookbinding and blank-book making	15	145,500	159	58	9	87,800	114,100	282,087
Boot and shoe uppers	3	12,000	13	.....	.....	7,052	17,400	29,200
Boots and shoes, including custom work and repairing	560	1,063,615	1,474	227	206	678,324	1,586,222	2,938,857
Boxes, cigar	6	57,550	51	22	11	34,100	47,700	105,600
Boxes, fancy and paper	6	21,500	27	44	19	23,300	45,800	91,200
Boxes, wooden, packing	16	66,100	128	.....	5	58,426	141,730	251,400
Brass castings	14	186,100	149	.....	8	70,087	395,275	570,450
Bread and other bakery products	227	864,520	773	90	73	405,064	2,159,908	3,250,102
Brick and tile (see also Drain and sewer pipe; Terra-cotta ware)	230	980,415	2,271	8	458	705,975	388,364	1,602,522
Bridges	2	1,440	11	.....	.....	4,520	2,940	12,500
Brooms and brushes	48	113,200	199	3	112	102,159	178,515	350,165
Carpentering	449	569,050	2,166	.....	10	1,172,409	2,677,721	5,027,011
Carpets, rag	4	400	4	.....	.....	1,150	1,200	7,100
Carriage and wagon materials	5	138,000	217	.....	3	97,768	130,600	280,600
Carriages and sleds, children's	1	250	.....	.....	.....	.....	250	810
Carriages and wagons (see also Wheelwrighting)	119	1,054,050	1,557	8	66	699,892	1,183,478	2,483,738
Cars, railroad, street, and repairs	8	424,200	926	.....	50	411,591	1,405,460	1,931,609
Cement	1	1,600	3	.....	.....	400	200	1,100
Charcoal	11	2,830	66	.....	.....	14,030	3,997	28,638
Cheese and butter (factory)	30	123,090	38	12	7	8,464	65,950	96,128
Clothing, men's	170	1,450,254	1,368	1,681	18	882,726	2,104,997	3,822,477
Clothing, women's	15	172,111	75	514	30	141,174	316,143	586,899
Coffee and spices, roasted and ground	7	240,000	95	2	4	44,000	416,500	598,000
Coffins, burial cases, and undertakers' goods	19	48,600	31	4	.....	14,793	127,140	186,017
Confectionery	46	310,260	234	190	25	174,574	835,540	1,247,235

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—MISSOURI, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Cooperage	182	$609,260	1,227		97	$510,654	$1,017,617	$1,904,822
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	4	4,500	11		1	6,800	14,000	27,500
Cordage and twine	15	14,075	42		40	18,423	42,250	80,164
Cordials and sirups	2	3,200	3			1,652	25,800	30,960
Cork cutting	1	18,000	2	5		5,200	10,000	18,000
Corsets	3	720	2	3		1,450	2,410	6,460
Cotton goods (see also Hosiery and knit goods)	4	890,500	123	207	182	99,080	377,131	524,580
Cutlery and edge tools (see also Hardware; Tools)	5	5,000	21			10,196	8,850	26,050
Dentistry, mechanical	15	9,660	7	3	1	5,034	8,450	30,870
Dentists' materials	1	200					300	1,000
Drain and sewer pipe (see also Brick and tile; Terra-cotta ware)	2	50,300	9			3,350	16,120	25,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	21	722,450	236	64	32	130,475	680,545	1,220,211
Dyeing and cleaning	5	16,450	17	6	1	6,950	2,650	23,900
Dyeing and finishing textiles	3	16,000	14	5	4	7,500	5,500	22,200
Electroplating	9	17,900	30	1	2	13,225	9,920	45,200
Engraving and die-sinking	8	9,975	16		1	7,585	11,250	31,800
Engraving, steel	10	72,100	47	2	3	25,050	62,500	120,900
Engraving, wood	3	12,200	22		2	11,350	1,370	21,070
Explosives and fireworks	1	900			2	200	2,000	4,000
Fertilizers	2	108,000	64		2	36,720	210,000	380,000
Files (see also Saws)	6	38,900	35			17,142	7,870	34,300
Flavoring extracts	1	2,000	2			1,500	3,000	7,000
Flouring- and grist-mill products	872	7,883,675	3,375		1	1,200,493	28,202,782	32,438,831
Food preparations (see page 39)	4	17,100	13			4,800	11,375	30,840
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	97	4,027,163	3,902		42	2,093,224	3,147,187	6,798,832
Fruits and vegetables, canned and preserved	4	44,000	61	8	1	15,614	79,902	155,250
Furniture (see also Mattresses and spring beds; Upholstering)	157	1,178,682	1,387	11	76	642,476	1,219,165	2,380,563
Furniture, chairs	12	332,063	324	1	118	146,247	179,167	449,812
Furs, dressed	2	35,000	7	26	3	5,800	29,530	47,000
Glass	6	1,430,000	709	36	220	381,098	351,871	919,827
Glass, cut, stained, and ornamented	3	11,000	16			9,450	7,100	27,600
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	4	14,200	30	35	4	18,030	19,350	46,700
Glue	6	36,850	27		4	14,120	43,575	77,300
Gold and silver, reduced and refined (not from the ore)	1	350,000	125			67,747	4,038,925	4,158,606
Grease and tallow	7	44,250	22			10,150	72,220	117,300
Hairwork	9	17,700	6	24		7,625	20,250	42,200
Hammocks	1	1,000		6	2	500	700	2,500
Handles, wooden	8	3,800	14			3,850	3,020	13,700
Hand-stamps	1	2,000	2			850	1,000	5,000
Hardware (see also Cutlery and edge tools; Tools)	11	210,300	113		1	51,971	103,156	192,462
Hats and caps, not including wool hats	10	60,900	51	83	4	44,365	80,740	182,531
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	4	20,400	3	114	1	19,300	41,575	85,000
Ice, artificial	1	60,000	17			4,800	7,000	21,000
Ink	3	9,600	8			3,568	7,290	16,234
Instruments, professional and scientific	4	54,660	22			12,700	35,725	81,450
Iron and steel	22	9,152,472	2,989		150	734,575	3,249,558	4,660,530
Iron bolts, nuts, washers, and rivets	4	235,000	123		14	60,498	301,937	493,560
Iron forgings	2	85,000	123			40,000	110,000	199,000
Iron railing, wrought	6	23,400	34		5	20,760	25,360	63,400
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	5	34,800	54			21,850	34,860	77,610
Jewelry	8	52,000	55		7	37,600	98,000	189,500
Jewelry and instrument cases	1	900					1,500	3,000
Kaolin and ground earths	1	100	4			1,400	200	2,000
Labels and tags	3	10,300	12			7,868	10,910	25,500
Lamps and reflectors	7	291,600	139		20	74,139	376,540	519,300
Lard, refined	2	53,000	48		20	30,000	24,000	174,000
Lead, bar, pipe, sheet, and shot	2	205,000	26			13,000	460,000	548,000
Leather, curried	15	72,500	66			22,804	276,034	336,623
Leather, dressed skins	1	1,000	1			140	1,000	1,600
Leather, tanned	26	137,850	107	3	8	43,817	321,805	435,072
Lightning rods	3	54,000	16			7,250	14,491	39,292
Lime	17	172,050	135		7	52,100	86,575	186,075
Liquors, distilled	20	230,100	54		5	35,338	354,973	527,530
Liquors, malt	64	4,942,700	1,394		108	699,616	2,852,236	5,048,077
Liquors, vinous (see also Liquors, distilled)	9	459,950	49	2		23,135	94,230	185,900
Lithographing (see also Printing and publishing)	5	71,500	94	6	17	51,265	83,344	214,989
Lock- and gun-smithing	25	21,425	28		2	12,924	12,590	41,924
Looking-glass and picture frames	22	327,400	135	1	22	83,351	107,825	282,682
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	26	409,350	546	2	41	245,963	774,442	1,267,636
Lumber, sawed	881	2,867,970	3,408		95	669,044	3,215,292	5,265,617
Malt	1	30,000	8			4,800	90,000	100,000
Mantels, slate, marble, and marbleized	2	13,600	11		2	6,550	17,550	27,700
Marble and stone work	115	376,800	697		21	330,011	354,958	1,003,544
Masonry, brick and stone	79	95,440	473		1	243,484	264,221	683,900
Mattresses and spring beds (see also Furniture)	11	24,950	59	23	13	32,659	94,036	172,300
Mineral and soda waters	27	152,000	128	5	28	57,076	102,390	274,100
Models and patterns	4	13,700	11		1	7,600	1,920	21,400
Musical instruments and materials (not specified)	10	61,500	12	1	1	6,050	9,425	31,250
Musical instruments, organs and materials	3	10,600	9			6,000	5,200	16,600
Musical instruments, pianos and materials	7	21,350	19			10,398	8,060	27,200

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—MISSOURI, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Oil, castor	2	$185,000	56			$25,404	$158,000	$312,000
Oil, cottonseed and cake	2	80,000	55			18,750	80,000	140,000
Oil, lard	3	96,000	25			13,050	505,750	539,000
Oil, lubricating	1	2,000	3			1,000	7,000	9,000
Oil, neat's-foot	2	400,300	11			3,946	92,666	102,300
Painting and paperhanging	156	392,180	975	15	19	443,044	610,594	1,404,122
Paints (see also Varnish)	16	1,808,350	568	10	4	270,532	2,186,480	2,825,860
Patent medicines and compounds (see also Drugs and chemicals)	27	1,402,700	207	90	15	139,996	502,735	1,197,000
Paving materials	2	155,000	21		2	4,780	12,500	30,800
Perfumery and cosmetics	1	2,000	2			1,252	600	2,500
Photographic apparatus	1	15,000	6			2,000	6,000	15,000
Photographing	40	100,750	78	22	6	55,538	62,100	219,694
Pickles, preserves, and sauces	3	48,200	58	25	25	41,999	134,200	211,200
Pipes, tobacco	1	2,000	12		9	4,000	2,000	12,000
Plated and britannia ware	1	40,000	25			15,000	7,000	35,000
Plumbing and gasfitting	63	126,475	251		7	130,599	227,958	516,683
Printing and publishing (see also Lithographing)	131	2,949,660	2,380	250	101	1,538,564	1,515,048	4,452,962
Pumps, not including steam pumps	11	530,600	112		2	66,680	703,670	932,550
Refrigerators	4	43,700	106		15	54,950	203,300	344,500
Regalia and society banners and emblems	2	2,100	1	3		900	5,100	7,000
Roofing and roofing materials	7	66,200	84			52,750	87,450	189,550
Saddlery and harness	355	1,898,723	1,954	12	87	793,536	2,345,485	3,970,175
Safes, doors, and vaults, fire-proof	2	5,800	12			6,000	6,000	19,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	15	600,795	677		43	279,911	696,671	1,232,670
Saws	2	245,000	80			56,000	180,000	281,000
Shingles, split	1	600	2			144	200	900
Shipbuilding	14	247,900	293			196,005	313,302	565,187
Shirts	20	130,700	56	357	1	110,136	146,700	332,852
Show-cases	6	29,100	90	4	1	37,235	10,750	109,450
Silk and silk goods	1	4,000	3	2		750	630	2,500
Silversmithing	4	22,350	16			7,300	24,450	43,050
Slaughtering and meat-packing, not including retail butchering establishments.	65	2,327,500	1,743		103	657,918	12,352,907	14,628,030
Soap and candles	19	766,927	273	2	3	104,061	1,336,376	1,704,041
Sporting goods	1	3,000		13		1,404	7,000	15,000
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	1	800,000	403	87		170,000	550,000	850,000
Stationery goods	1	150,000	45	5		30,000	40,000	100,000
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	1	60,000	55			25,750	45,500	100,780
Stencils and brands	6	4,750	11		2	5,025	5,505	21,425
Stereotyping and electrotyping (see also Type founding)	1	10,000	15		7	6,016	4,890	18,000
Stone- and earthen-ware	32	82,000	109	1	13	65,350	46,490	159,518
Sugar and molasses, refined	1	840,000	250		2	112,270	4,173,100	4,475,740
Surgical appliances (see also Artificial limbs)	2	10,250	4	3	1	3,930	2,780	17,100
Tar and turpentine, not including farm products	1	85,000	3	2	4	1,500	2,500	5,000
Telegraph and telephone apparatus	2	25,000	14			9,000	14,400	30,000
Terra-cotta ware (see also Brick and tile; Drain and sewer pipe)	2	150,000	77			33,000	89,400	187,785
Tinware, copperware, and sheet-iron ware (see also Coppersmithing; Stamped ware).	297	656,860	772	18	62	338,597	864,643	1,687,320
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	43	1,440,200	1,008	231	515	493,559	4,243,614	5,286,338
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	284	443,562	886	15	136	424,363	612,393	1,524,381
Tools (see also Cutlery and edge tools; Hardware)	2	20,150	11			8,500	8,400	31,500
Toys and games	2	800	1			60	400	1,350
Trunks and valises	17	123,600	178		13	87,205	225,575	383,660
Type founding (see also Stereotyping and electrotyping)	2	190,000	105	40		75,000	48,000	151,899
Umbrellas and canes	4	1,400	3			1,020	1,150	4,370
Upholstering (see also Furniture)	23	210,925	55	5	6	24,230	67,500	162,427
Upholstering materials	1	14,100	3			900	5,400	10,000
Varnish (see also Paints)	3	26,500	10			8,002	35,000	54,600
Vinegar	20	307,150	145	21	17	86,420	344,500	675,400
Washing-machines and clothes-wringers	2	300	2			450	450	1,900
Watch and clock repairing	37	51,445	34		1	16,867	19,850	68,351
Watch cases	1	4,000	15			12,000	200,000	300,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	331	243,760	435	1	4	153,437	283,729	620,287
Whips	6	11,660	43			11,139	19,960	39,414
Window blinds and shades	1	1,500	3		2	1,400	6,500	10,000
Wire	3	378,600	494		51	229,480	651,000	973,000
Wirework	8	153,700	134	4	38	60,890	112,620	371,600
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	19	29,225	42		2	19,183	19,995	84,707
Wooden ware	3	187,100	211		53	85,300	227,100	336,600
Woolen goods (see also Hosiery and knit goods; Gloves and mittens)	98	726,150	412	144	133	109,877	681,711	930,961

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—MONTANA TERRITORY, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The Territory	196	$899,390	574	3	1	$318,759	$1,006,442	$1,835,867
Beaver Head	11	15,400	9			4,801	11,296	25,604
Choteau	9	18,700	41			27,233	24,196	61,002
Custer	3	3,500	6			2,160	2,600	7,289
Dawson (a)								
Deer Lodge	49	254,025	158	1		97,431	235,816	489,731
Gallatin	22	129,900	68			28,454	195,320	296,530
Jefferson	7	58,000	31			13,529	152,770	247,765
Lewis and Clarke	28	236,600	135	1		80,031	134,158	289,585
Madison	34	78,675	71	1	1	39,580	150,655	259,476
Meagher	9	18,540	23			6,645	24,475	42,960
Missoula	24	86,050	32			12,895	75,156	115,025

a Returned as having no manufactures.

B—MONTANA TERRITORY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	196	$899,390	574	3	1	$318,759	$1,006,442	$1,835,867
Blacksmithing (see also Wheelwrighting)	34	43,015	68			47,402	56,950	145,500
Boots and shoes, including custom work and repairing	17	12,925	24			17,336	19,141	54,048
Bread and other bakery products	1	1,400	2			1,000	8,000	12,000
Brick and tile	5	17,500	68			21,400	11,400	43,150
Carpentering	11	15,800	24			19,340	27,050	61,800
Carriages and wagons (see also Wheelwrighting)	2	20,000	20			15,000	13,000	42,000
Cheese and butter (factory)	3	10,250	6			470	4,700	7,000
Clothing, men's	2	2,300	4			4,500	6,000	13,000
Confectionery	2	1,200	2			650	1,700	3,600
Flouring- and grist-mill products	15	159,500	52			25,765	357,365	475,467
Foundery and machine-shop products	5	87,000	19			16,303	38,900	65,650
Furniture	11	23,150	18			9,750	8,600	28,000
Furs, dressed	1	1,500	2	1		800	2,500	5,000
Hairwork	1	1,500		1		75	1,200	2,600
Jewelry	2	1,200	2			4,800	16,000	26,000
Liquors, malt	17	170,500	32			10,825	40,928	72,442
Lumber, planed (see also Sash, doors, and blinds)	4	43,000	33			24,999	26,900	59,515
Lumber, sawed	36	208,200	142			47,945	278,098	527,695
Mineral and soda waters	2	5,500	6			3,400	5,100	16,500
Painting and paperhanging	1	300	1			500	2,000	4,000
Printing and publishing	1	2,000	3	1	1	1,800	1,500	4,500
Saddlery and harness	9	44,300	22			21,546	25,410	68,850
Sash, doors, and blinds (see also Lumber, planed)	2	3,200	2			1,650	3,000	6,700
Tinware, copperware, and sheet-iron ware	6	14,500	13			14,503	44,500	69,500
Watch and clock repairing	4	6,250	5			4,500	4,200	13,750
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	2	3,400	4			2,500	2,300	6,700

A—NEBRASKA, BY TOTALS OF COUNTIES.

The State	1,403	$4,881,150	4,464	120	209	$1,742,311	$8,208,478	$12,627,336
COUNTIES.								
Adams	30	63,500	111			33,797	85,967	170,564
Antelope	15	30,100	23			8,516	65,125	88,865
Blackbird	1	1,000	3			700	2,600	4,200
Boone	11	20,300	14			4,220	41,350	55,250
Buffalo	18	60,900	40			16,340	124,550	168,625
Burt	37	45,550	71			18,590	78,843	127,334
Butler	26	50,000	49	1		13,015	60,365	102,114
Cass	46	110,600	154	2	3	61,579	246,577	393,386
Cedar	7	4,400	7			1,320	3,130	6,615
Chase (a)								
Cheyenne	1	200	1			500	200	975
Clay	39	55,445	118	1		27,796	78,142	137,605
Colfax	17	80,125	47		2	19,767	161,229	221,721
Cuming	33	179,800	106	5	8	27,059	66,893	124,841
Custer (a)								
Dakota	15	33,100	40			8,850	59,725	85,834
Dawson (a)								
Dixon	10	12,800	13			2,215	4,975	13,700
Dodge	26	97,050	76	3		29,030	121,955	193,839
Douglas	187	1,978,575	1,565	66	162	757,156	2,910,529	4,754,672
Dundy (a)								
Fillmore	20	30,130	37			13,055	130,772	173,828
Franklin	11	33,030	21		1	5,287	109,464	134,818
Frontier (a)								
Furnas	25	31,450	50			12,934	55,405	82,200

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—NEBRASKA, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Gage	31	$89,200	61	3	.....	$19,612	$143,048	$205,238
Gosper (a)	.....	.....	.....	.....	.....	.....	.....	.....
Greeley	2	3,125	2	.....	.....	800	5,700	7,540
Hall	69	90,050	129	4	.....	65,851	218,104	369,127
Hamilton	7	9,900	18	.....	1	5,420	8,767	19,624
Harlan	22	27,000	67	2	.....	13,080	78,671	109,840
Hayes (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hitchcock	5	2,100	2	.....	.....	250	1,675	5,700
Holt	1	6,000	1	.....	.....	250	2,350	3,200
Howard	14	21,750	36	.....	4	9,066	62,953	85,057
Jefferson	14	55,100	23	.....	.....	7,219	75,002	102,746
Johnson	14	40,300	42	.....	.....	10,165	139,314	170,455
Kearney (a)	.....	.....	.....	.....	.....	.....	.....	.....
Keith (a)	.....	.....	.....	.....	.....	.....	.....	.....
Knox	9	29,400	18	.....	3	5,344	41,088	58,453
Lancaster	107	253,125	365	17	2	202,040	673,716	1,112,079
Lincoln	26	74,200	60	2	1	20,217	65,114	120,099
Madison	31	78,025	46	1	.....	16,495	234,678	285,995
Merrick	15	51,700	20	1	2	5,781	46,352	64,362
Nance (a)	.....	.....	.....	.....	.....	.....	.....	.....
Nemaha	43	53,360	94	.....	.....	24,555	133,850	204,546
Nuckolls	4	34,500	16	.....	.....	5,679	70,219	92,500
Otoe	74	169,610	188	2	7	67,603	424,675	611,319
Pawnee	23	32,950	43	.....	.....	11,330	48,705	79,987
Phelps (a)	.....	.....	.....	.....	.....	.....	.....	.....
Pierce (a)	.....	.....	.....	.....	.....	.....	.....	.....
Platte	23	36,350	63	.....	1	22,553	57,248	113,750
Polk	19	25,350	48	.....	1	10,050	67,042	95,943
Red Willow (a)	.....	.....	.....	.....	.....	.....	.....	.....
Richardson	85	133,025	147	.....	.....	37,234	218,128	329,551
Saline	26	88,200	91	6	4	23,270	143,101	207,396
Sarpy	14	62,425	25	.....	.....	7,075	101,941	124,261
Saunders	32	86,575	60	.....	3	16,768	170,300	221,403
Seward	30	115,600	65	1	1	18,015	175,014	242,232
Sherman	2	450	6	.....	1	250	250	1,100
Sioux (a)	.....	.....	.....	.....	.....	.....	.....	.....
Stanton	1	350	5	.....	.....	225	190	500
Thayer	12	37,100	17	.....	.....	6,899	137,417	161,078
Valley (a)	.....	.....	.....	.....	.....	.....	.....	.....
Washington	30	111,275	59	.....	1	18,759	93,740	147,100
Wayne	2	1,200	2	.....	.....	550	400	2,100
Webster	24	88,750	56	3	1	13,895	93,530	139,100
Wheeler (a)	.....	.....	.....	.....	.....	.....	.....	.....
York	17	44,550	39	.....	.....	13,715	68,550	93,114
Unorganized territory (a)	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

B—NEBRASKA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,403	$4,881,150	4,464	120	209	$1,742,311	$8,208,478	$12,627,336
Agricultural implements	13	37,550	54	.....	.....	15,050	30,030	77,032
Billiard tables and materials	1	400	1	.....	.....	200	1,800	2,400
Blacksmithing (see also Wheelwrighting)	245	159,595	309	.....	1	98,867	121,740	303,509
Boots and shoes, including custom work and repairing	102	92,195	134	.....	.....	48,895	77,077	188,332
Boxes, wooden, packing	1	9,000	1	3	.....	1,500	4,000	12,000
Brass castings	1	2,000	6	.....	.....	2,600	3,500	7,300
Bread and other bakery products	17	33,400	48	6	4	21,355	77,630	136,834
Brick and tile	87	130,740	585	3	74	150,189	102,078	349,478
Bridges	2	7,500	34	.....	.....	25,400	85,000	123,500
Brooms and brushes	5	5,675	16	.....	.....	4,480	4,638	12,850
Carpentering	164	76,105	463	2	* 2	178,005	556,467	968,402
Carpets, rag	4	375	3	1	.....	900	3,065	5,500
Carriages and wagons (see also Wheelwrighting)	5	68,000	71	.....	.....	33,200	80,200	134,000
Cheese and butter (factory)	21	81,165	28	7	2	5,921	27,791	46,322
Clothing, men's	28	55,950	78	20	1	51,731	85,780	181,858
Clothing, women's	1	12,000	.....	12	2	8,800	30,000	40,000
Coffee and spices, roasted and ground	1	6,000	2	1	1	1,600	20,000	30,000
Coffins, burial cases, and undertakers' goods	1	2,500	1	.....	.....	300	2,000	3,000
Confectionery	4	2,400	4	.....	.....	1,200	4,300	8,800
Cooperage	5	23,000	41	.....	.....	25,500	48,387	78,600
Corsets	1	300	.....	3	.....	700	2,000	4,000
Dentistry, mechanical	2	650	.....	.....	.....	.....	600	1,000
Drugs and chemicals (see also Patent medicines and compounds)	2	20,500	12	.....	.....	6,300	16,000	162,200
Dyeing and cleaning	1	200	1	.....	.....	950	200	1,000
Fertilizers	2	7,000	13	.....	1	2,820	2,500	7,000
Flouring- and grist-mill products	170	1,615,070	506	.....	.....	165,085	3,532,942	4,193,086
Foundery and machine-shop products	12	73,600	100	.....	.....	52,843	54,548	142,000
Furniture (see also Upholstering)	30	49,700	43	2	1	15,992	52,508	93,388
Furs, dressed	1	1,500	1	2	.....	1,500	1,000	3,000
Iron and steel	1	100,000	90	.....	10	50,000	114,500	82,000

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEBRASKA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed. Males above 16 years.	Females above 15 years.	Children and youths.	Total amount paid in wages during the year.	Value of materials.	Value of products.
Jewelry	3	$49,000	25		2	$14,500	$105,000	$210,000
Lime	1	500	2			500	300	1,200
Liquors, distilled	1	200,000	50			17,775	150,000	225,000
Liquors, malt	23	427,200	143			56,603	210,109	393,870
Lock- and gun-smithing	2	1,400	4			1,125	1,150	4,850
Looking-glass and picture frames	1	3,000	3		1	1,500	3,500	6,000
Lumber, planed (see also Sash, doors, and blinds)	1	15,000	5			1,500	3,000	5,000
Lumber, sawed	38	93,375	136		4	29,313	164,878	265,002
Marble and stone work	17	20,700	52			23,720	47,230	96,250
Masonry, brick, and stone	9	25,575	144		12	41,900	70,536	138,100
Mineral and soda waters	3	16,000	15		6	3,100	7,000	19,000
Oil, linseed	1	100,000	19			10,500	85,000	125,000
Painting and paperhanging	14	32,875	74		5	34,481	41,489	106,100
Paints	1	100,000	40			17,000	200,000	350,000
Paper	1	40,000	13		3	1,561	2,350	5,000
Patent medicines and compounds (see also Drugs and chemicals)	1	5,000	3			1,200	12,000	26,000
Photographing	4	20,000	17	3		7,900	25,200	60,200
Plumbing and gasfitting	2	4,000	7			3,300	10,000	18,000
Printing and publishing	22	191,250	217	31	53	107,438	107,860	419,461
Rubber and elastic goods	1	2,000	1			300	1,000	1,500
Saddlery and harness	114	214,230	215	2	1	83,039	276,474	477,364
Safes, doors, and vaults, fire-proof	1	1,000	7			3,000	2,000	6,000
Sash, doors, and blinds (see also Lumber, planed)	1	3,000	4			1,800	1,200	4,000
Shipbuilding	1	300	6		3	1,400	7,000	9,000
Shirts	2	8,600	12	14		8,600	18,000	33,000
Show-cases	2	3,300	3			1,700	3,700	7,000
Slaughtering and meat-packing, not including retail butchering establishments.	12	330,700	189		2	64,717	1,097,839	1,359,397
Soap and candles	4	10,000	11		2	2,900	10,520	20,700
Stone- and earthen-ware	1	4,500	13			2,724	1,000	4,815
Tinware, copperware, and sheet-iron ware	71	132,675	151		2	64,228	165,050	320,680
Tobacco, cigars and cigarettes	21	56,350	77	5	14	46,002	81,104	183,317
Upholstering (see also Furniture)	2	1,700	3	2		2,050	3,800	6,400
Vinegar	2	2,000	3			1,400	2,900	7,250
Washing-machines and clothes-wringers	1	900	1			100	400	900
Watch and clock repairing	7	3,350	7			3,725	2,150	10,850
Windmills	3	7,000	7			1,700	4,400	9,900
Window blinds and shades	1	250		1		54	1,200	1,600
Wheelwrighting (see also Blacksmithing)	76	70,750	121			46,053	67,020	176,049
Wirework	5	9,600	13			4,960	12,748	21,530

A—NEVADA, BY TOTALS OF COUNTIES.

The State	184	$1,323,300	556	5	16	$461,807	$1,049,794	$2,179,626
COUNTIES.								
Churchill	1	28,000	10			3,000	2,800	15,000
Douglas	10	121,775	31			10,365	144,377	220,607
Elko	12	41,400	17			5,517	47,115	66,735
Esmeralda	16	132,500	45			32,676	80,096	328,231
Eureka	14	75,100	50			41,207	73,315	165,970
Humboldt	5	91,000	19			8,584	114,728	131,110
Lander	4	23,200	4			904	3,909	6,650
Lincoln	13	27,250	17			5,482	21,709	40,996
Lyon	2	26,000	7			10,025	22,569	43,885
Nye	7	11,100	15	3		3,695	3,077	14,319
Ormsby	1	5,000	7			2,675	9,950	18,009
Roop	2	12,300	5		2	1,600	3,000	8,580
Storey	52	576,675	234	1	14	276,956	251,390	736,056
Washoe	29	132,800	87			57,116	248,009	375,028
White Pine	16	19,200	8	1		2,005	23,750	38,450

B—NEVADA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	184	$1,323,300	556	5	16	$461,807	$1,049,794	$2,179,626
Blacksmithing (see also Wheelwrighting)	36	57,300	77			71,227	82,418	200,595
Bookbinding and blank-book making	1	500					100	900
Boots and shoes, including custom work and repairing	24	16,840	22	1		17,670	22,410	61,677
Brass castings	1	150					300	500
Bread and other bakery products	4	3,100	7	1		6,052	22,821	37,800
Brick and tile	2	1,200	13			3,974	1,245	8,355
Carpentering	6	2,000	4			1,250	6,000	13,600
Carriages and wagons (see also Wheelwrighting)	1	25,000	13			14,850	15,000	35,000
Cheese and butter (factory)	2	3,200	3			130	875	1,587
Clothing, men's	3	1,900	1			500	2,100	4,100

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEVADA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Coffee and spices, roasted and ground	1	$1,000	2			$100	$700	$1,000
Coffins, burial cases, and undertakers' goods	3	8,500	3			3,885	2,245	17,713
Drugs and chemicals	2	124,000	22			22,230	35,175	207,160
Flouring- and grist-mill products	7	163,000	31			9,975	369,117	405,980
Foundery and machine-shop products	5	237,225	109			129,300	109,022	320,955
Furniture (see also Mattresses and spring beds; Upholstering)	2	9,500	5			2,400	11,350	16,350
Liquors, malt	33	186,170	59			23,303	88,488	157,531
Lock- and gun-smithing	1	10,000	1			1,250	500	2,500
Lumber, sawed	9	132,000	35			9,892	162,810	243,200
Marble and stone work	1	1,500	1			800	1,000	2,326
Mattresses and spring beds (see also Furniture)	1	250	1			180	600	2,000
Mineral and soda waters	1	3,000	3			990	1,000	3,600
Painting and paperhanging	1	100	1			100	100	1,500
Plumbing and gasfitting	4	6,415	5		1	4,115	1,012	10,496
Printing and publishing	4	73,500	48		9	84,240	5,250	108,012
Saddlery and harness	2	12,000	5			6,244	6,500	25,200
Salt	7	45,300	31	3	2	9,688	5,800	92,640
Sash, doors, and blinds	1	20,000	21			10,000	10,000	40,000
Soap and candles	1	9,500	3			3,286	8,806	14,540
Tinware, copperware, and sheet-iron ware	4	154,300	22		4	16,900	60,000	107,800
Tobacco, cigars and cigarettes	1	1,000					500	1,000
Upholstering (see also Furniture)	2	1,100	1			300	450	2,700
Watch and clock repairing	4	1,700	1			1,132	2,000	7,500
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	6	5,050	6			5,685	3,700	21,700
Wirework	1	6,000					500	3,000

A—NEW HAMPSHIRE, BY TOTALS OF COUNTIES.

The State	3,181	$51,112,263	29,356	16,184	3,291	$14,814,793	$43,552,462	$73,978,028
COUNTIES.								
Belknap	112	1,400,750	1,309	995	194	653,559	1,600,245	2,963,892
Carroll	148	860,475	833	129	29	265,826	1,240,367	1,811,313
Cheshire	317	3,758,815	3,438	833	252	1,299,427	4,502,889	7,768,943
Coos	194	2,107,250	1,218	17	27	336,010	1,397,362	2,490,356
Grafton	465	2,155,956	1,912	542	64	633,860	2,595,146	4,117,710
Hillsborough	517	20,814,729	8,247	7,577	960	5,130,178	13,789,849	23,671,908
Merrimack	449	6,089,215	3,580	1,477	628	1,875,042	4,974,274	8,742,560
Rockingham	612	4,369,858	3,328	1,127	217	1,503,371	4,013,022	7,034,989
Strafford	186	8,134,515	4,648	2,965	804	2,730,542	8,029,025	13,090,753
Sullivan	181	1,420,700	843	522	116	386,909	1,409,383	2,336,004

B—NEW HAMPSHIRE, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	3,181	$51,112,263	29,356	16,184	3,291	$14,814,793	$43,552,462	$73,978,028
Agricultural implements	17	196,700	178			75,068	91,476	212,850
Artificial feathers and flowers	1	50	1	2		1,000	100	1,300
Baskets, rattan and willow ware	2	2,750	7			3,250	1,575	6,575
Belting and hose, leather	5	286,094	127		6	60,974	483,185	606,944
Blacksmithing (see also Wheelwrighting)	324	262,458	336		2	107,655	157,340	474,123
Bookbinding and blank-book making	6	14,000	11	8	2	8,250	11,525	25,100
Boot and shoe cut stock	2	2,600	3	13	3	3,100	7,200	13,000
Boot and shoe findings	5	67,000	74	50	4	37,600	32,450	88,500
Boots and shoes, including custom work and repairing	261	1,758,290	3,648	1,086	70	1,882,951	4,992,400	7,619,921
Boxes, fancy and paper	10	50,580	84	30	1	27,800	57,000	117,000
Boxes, wooden, packing	29	98,700	212	11	20	64,760	100,500	219,700
Brass castings	4	23,500	25			12,285	24,325	44,597
Bread and other bakery products	26	49,935	76	9		36,692	180,086	294,108
Brick and tile (see also Drain and sewer pipe)	67	120,845	642			118,408	90,251	282,725
Brooms and brushes	13	19,015	21	4		5,005	15,165	29,319
Cardboard	1	15,000	8		1	2,500	5,000	10,000
Carpentering	100	223,228	445		2	182,238	430,657	855,372
Carriage and wagon materials	10	69,800	55			20,185	74,480	138,660
Carriages and wagons (see also Wheelwrighting)	30	618,857	496	2		196,337	253,275	559,932
Cars, railroad, street, and repairs	1	10,000	200			55,000	125,000	201,650
Charcoal	7	37,300	89			28,525	36,100	87,700
Cheese and butter (factory)	2	10,400	1	3		780	20,683	27,887
Clocks	1	500	2			700	400	1,200
Clothing, men's	61	183,750	125	456		132,681	494,681	731,389
Clothing, women's	1	1,000		4		250	1,200	1,800
Coffins, burial cases, and undertakers' goods	10	21,450	14	1	1	6,016	11,500	25,080
Confectionery	8	22,300	27	10	5	15,070	57,854	98,500
Cooperage	32	142,050	248			83,694	92,698	226,281
Cordage and twine	1	15,000	4	8		1,908	7,320	13,196
Corsets	1	1,000	4	8		2,000	2,000	5,000

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW HAMPSHIRE, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	41	$19,993,584	5,138	9,631	1,749	$4,322,622	$10,329,184	$18,226,573
Cutlery and edge tools (see also Hardware; Tools)	12	255,600	257	6	6	100,492	108,364	270,444
Dentistry, mechanical	10	8,900	8			3,212	4,530	19,600
Drain and sewer pipe (see also Brick and tile)	2	4,500	4			1,158	3,794	7,500
Drugs and chemicals (see also Patent medicines and compounds)	6	17,200	13			2,178	26,293	37,091
Dyeing and cleaning	1	1,000	1			150	200	1,200
Dyeing and finishing textiles	4	2,987,085	637	111	106	372,873	795,553	1,508,100
Electrical apparatus and supplies	1	2,000	5			1,875	1,000	4,500
Electroplating	2	3,000	3			1,550	2,400	5,700
Emery wheels	1	6,400	3			1,600	1,324	6,630
Fancy articles	1	5,000	7	3		4,000	3,400	11,000
Felt goods (see also Woolen goods)	1	12,000	18	4	19	7,000	20,420	50,000
Files (see also Saws)	4	9,000	20		1	9,660	5,695	22,356
Flouring- and grist-mill products	181	712,555	253			78,284	2,259,718	2,542,784
Foundery and machine-shop products	71	1,260,635	1,416	21	52	567,825	1,010,495	2,024,656
Furnishing goods, men's	1	50	1			100	300	900
Furniture (see also Mattresses and spring beds; Upholstering)	36	333,235	573	3	33	202,004	314,650	741,238
Furniture, chairs	6	200,500	157	15	7	53,500	67,940	159,300
Glass	1	50,000	80	8	14	25,600	34,000	70,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	25	187,300	171	300	1	92,574	302,142	478,825
Glue	1	3,000	4			1,250	2,500	6,000
Grease and tallow	3	15,500	12			4,429	22,925	41,200
Hairwork	1	700	1			300	1,000	1,600
Handles, wooden	9	21,950	33		1	9,770	7,970	33,700
Hardware (see also Cutlery and edge tools; Tools)	2	14,500	9	5	6	5,600	4,400	13,500
Hats and caps, not including wool hats	4	5,350	401			8,300	10,700	27,450
Hones and whetstones	4	26,100	45			10,648	6,700	32,500
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	24	1,224,000	540	1,098	115	536,117	1,249,600	2,362,779
Instruments, professional and scientific	3	34,800	10			4,670	5,000	18,100
Iron and steel	2	650,000	289		1	127,690	523,355	807,340
Iron bolts, nuts, washers, and rivets	2	32,500	19		1	6,000	20,700	39,500
Iron forgings	1	12,000	8			5,500	19,500	32,000
Kindling wood	1	200					50	600
Lasts	2	4,000	11			4,400	2,900	9,000
Leather board (see also Paper)	4	78,000	39			19,800	65,375	96,675
Leather, curried	37	351,850	260	17		114,769	1,824,797	2,101,734
Leather, patent and enameled	1	15,000	15			9,000	55,000	159,000
Leather, tanned	53	603,450	445	18		199,146	1,732,564	2,315,616
Liquors, distilled	1	25,000	4			1,700	20,500	31,500
Liquors, malt	5	845,000	304			138,719	701,523	1,265,477
Lock- and gun-smithing	3	62,800	104	3	5	37,500	35,300	100,500
Looking-glass and picture frames	6	19,250	17		1	5,253	7,187	19,432
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	22	80,900	114	8	2	40,276	81,726	162,429
Lumber, sawed	680	3,745,790	3,056		48	548,556	2,272,991	3,842,012
Mantels, slate, marble, and marbleized	1	20,000	2			673	1,300	2,000
Marble and stone work	55	153,331	351	1		157,887	91,119	374,603
Masonry, brick and stone	12	13,100	122			39,738	58,977	117,728
Mattresses and spring beds (see also Furniture)	1	200	1			25	350	550
Mineral and soda waters	3	6,500	9			2,925	5,300	11,951
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	20	1,321,400	653	581	284	494,945	1,456,647	2,703,281
Musical instruments and materials (not specified)	2	12,500	11	1		6,000	5,500	19,000
Musical instruments, organs and materials	3	18,200	29			12,948	12,141	30,713
Musical instruments, pianos and materials	3	18,000	32			8,894	15,994	30,380
Needles and pins	5	19,250	46	33	5	23,280	5,560	37,625
Painting and paperhanging	45	67,325	148	18		71,754	87,024	215,062
Paper (see also Cardboard; Leather board; Wood pulp)	25	1,197,000	497	202	3	249,612	1,131,425	1,731,170
Patent medicines and compounds (see also Drugs and chemicals)	9	45,350	21	11		14,672	52,028	135,594
Paving materials	2	2,500	5			1,227	551	3,249
Photographing	23	53,820	30	31		23,267	24,826	81,022
Pickles, preserves, and sauces	1	2,000	3			1,250	5,000	8,000
Plumbing and gasfitting	7	28,000	36			24,720	64,880	110,128
Printing and publishing	29	270,050	151	42	5	88,088	91,076	264,750
Printing materials	2	6,500	6			2,100	4,250	13,400
Pumps, not including steam pumps	4	5,800	13			2,886	6,498	16,475
Refrigerators	1	25,000	25			10,000	15,000	50,000
Roofing and roofing materials	2	3,150	4			520	2,200	4,810
Rubber and elastic goods	1	450	1			200	300	800
Rules, ivory and wood	1	600	1			624	75	2,200
Saddlery and harness	32	203,350	202	5	1	83,786	211,267	381,551
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	28	203,700	366		7	141,530	237,402	444,119
Saws	1	200	1	1		500	800	1,500
Sewing machines and attachments	1	5,000	4			1,500	2,000	5,000
Shipbuilding	15	15,330	26			12,243	14,369	30,070
Shoddy (see also Mixed textiles)	3	17,300	13	8	2	5,700	38,900	49,600
Silk and silk goods (see also Mixed textiles)	1	8,000	2	5	1	2,500	11,625	15,000
Silverware	1	125,000	20			12,500	63,400	200,000
Soap and candles	22	54,700	41			17,289	61,170	104,541
Spectacles and eyeglasses	1	25,000	35			15,000	30,000	50,000
Springs, steel, car, and carriage	1	8,000	7			3,500	10,000	17,000
Starch	20	56,250	76			4,499	49,977	66,800

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW HAMPSHIRE, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Stationery goods	4	$204,800	62	18	3	$37,050	$266,897	$355,015
Stone- and earthen-ware	5	61,000	61	2	4	28,825	12,640	61,000
Surgical appliances	3	17,150	19	2	.....	6,900	4,100	25,000
Tinware, copperware, and sheet-iron ware	89	220,050	251	4	.....	108,873	225,924	463,997
Tobacco, cigars and cigarettes	22	19,285	41	12	1	18,169	24,912	65,940
Tools (see also Cutlery and edge tools; Hardware)	1	12,000	20	.....	.....	7,104	5,621	16,368
Toys and games	9	24,000	20	9	7	10,949	14,033	33,128
Upholstering (see also Furniture)	5	4,800	10	2	.....	5,020	10,325	19,475
Upholstering materials	12	51,800	47	.....	.....	16,646	13,084	47,175
Veneering	1	2,500	2	.....	.....	300	600	4,000
Vinegar	4	7,700	12	.....	.....	1,012	9,000	17,500
Washing-machines and clothes-wringers	1	1,000	1	.....	.....	624	500	2,444
Watch and clock materials	1	10,000	10	10	35	4,800	6,500	36,000
Watch and clock repairing	10	11,050	10	.....	.....	4,086	2,580	11,398
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	110	128,400	138	1	1	42,576	60,162	175,699
Wirework	3	2,000	9	.....	.....	2,000	1,100	6,700
Wood pulp	7	298,600	338	.....	11	138,350	256,000	759,853
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	36	255,625	484	2	125	107,055	189,464	468,943
Wooden ware	49	322,950	421	2	26	132,260	206,163	431,290
Woolen goods (see also Felt goods; Gloves and mittens; Mixed textiles; Worsted goods).	58	4,510,271	2,288	1,361	378	1,181,738	4,993,709	8,113,839
Worsted goods (see also Woolen goods)	2	2,628,584	505	919	107	512,881	1,582,226	2,694,292

A—NEW JERSEY, BY TOTALS OF COUNTIES.

The State	7,128	$106,226,593	86,787	27,099	12,152	$46,083,045	$165,285,779	$254,380,236
COUNTIES.								
Atlantic	66	588,600	268	119	41	113,802	419,669	604,569
Bergen	186	2,026,303	1,811	376	265	757,490	2,186,434	3,553,579
Burlington	333	3,001,130	2,047	765	272	820,882	2,930,077	4,471,952
Camden	373	7,728,516	4,693	1,552	499	2,398,668	6,340,659	11,009,206
Cape May	36	60,250	105	.....	.....	31,478	89,655	104,411
Cumberland	302	3,319,155	3,054	1,494	717	1,409,901	2,730,908	5,111,023
Essex	1,568	28,817,405	26,509	6,142	2,085	15,335,849	47,724,275	70,772,350
Gloucester	105	1,907,286	1,329	69	208	590,128	1,045,803	2,357,652
Hudson	802	15,366,125	10,432	3,748	1,203	6,038,347	52,996,058	66,337,124
Hunterdon	374	1,978,625	1,113	198	49	418,215	2,040,428	3,104,070
Mercer	589	7,952,795	7,528	1,197	1,241	3,469,054	8,026,127	14,617,850
Middlesex	278	4,943,270	4,045	2,517	541	1,979,250	5,991,913	9,587,832
Monmouth	277	900,558	842	182	64	267,028	1,259,801	1,806,395
Morris	243	2,223,092	1,511	221	36	502,880	1,878,787	3,075,191
Ocean	72	225,010	214	21	10	55,139	220,755	350,041
Passaic	413	14,378,492	12,091	6,906	3,294	7,705,223	16,535,229	29,833,832
Salem	178	993,366	1,126	360	45	372,247	1,210,197	1,867,120
Somerset	141	703,975	882	333	2	414,570	1,740,436	2,530,524
Sussex	185	1,321,826	700	65	24	271,852	1,457,629	2,239,124
Union	300	3,813,665	4,547	780	550	2,425,742	4,936,878	10,099,789
Warren	247	3,892,155	1,040	54	106	696,300	3,524,111	4,808,002

B—NEW JERSEY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	7,128	$106,226,593	86,787	27,099	12,152	$46,083,045	$165,285,779	$254,380,236
Agricultural implements	40	208,300	204	.....	2	61,972	95,437	242,984
Artificial feathers and flowers (see also Millinery and lace goods)	5	5,300	32	2	7	7,500	575	14,100
Awnings and tents	2	600	8	.....	.....	1,700	2,900	6,100
Bagging, flax, hemp, and jute	3	380,000	281	272	130	195,007	335,560	574,835
Bags, paper	5	14,550	15	27	.....	8,429	28,550	50,275
Baskets, rattan and willow ware	18	13,825	42	28	15	15,135	17,035	46,099
Belting and hose, leather	8	42,700	37	.....	5	17,134	78,296	112,145
Billiard tables and materials	1	1,000	2	.....	2	1,250	650	3,500
Blacking	1	8,000	2	.....	.....	500	1,200	3,000
Blacksmithing (see also Wheelwrighting)	744	482,961	922	.....	17	332,229	409,008	1,207,951
Bookbinding and blank-book making	5	21,200	35	11	21	26,904	36,650	60,350
Boot and shoe findings	3	12,500	7	4	1	2,457	13,271	19,530
Boot and shoe uppers	4	18,100	11	6	2	10,072	30,940	51,000
Boots and shoes, including custom work and repairing	398	1,153,390	2,795	834	128	1,422,681	3,069,894	5,262,671
Boots and shoes, rubber	3	600,000	546	438	15	275,997	1,419,849	2,366,465
Boxes, cigar	4	3,650	8	7	8	4,140	9,200	18,166
Boxes, fancy and paper	16	135,200	104	422	69	147,754	184,650	477,600
Boxes, wooden, packing	15	232,300	135	15	22	73,324	214,577	376,099
Brass and copper, rolled	3	366,000	91	.....	45	49,600	223,000	304,500
Brass castings (see also Bronze castings)	21	501,350	560	4	10	261,309	222,249	641,596
Bread and other bakery products	330	737,700	752	45	95	384,798	1,818,174	2,798,311
Brick and tile	107	1,731,300	2,575	26	148	665,482	559,037	1,672,533
Bridges	2	185,709	175	.....	.....	52,484	298,448	415,201
Bronze castings (see also Brass castings)	1	60,000	90	6	6	37,000	75,000	124,000
Brooms and brushes	38	52,750	102	38	11	51,705	76,930	176,342

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW JERSEY, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Buttons	25	$211,600	544	261	171	$331,130	$297,500	$797,205
Card cutting and designing	4	4,800	27	.....	4	9,550	4,690	18,350
Carpentering	319	750,865	2,615	6	35	1,227,686	2,135,190	3,995,361
Carpets, other than rag (see also Woolen goods)	2	103,000	120	65	58	48,000	109,425	179,500
Carpets, rag	45	26,375	52	1	.....	14,841	33,350	72,208
Carriage and wagon materials	26	341,775	292	.....	2	139,219	192,086	498,306
Carriages and sleds, children's	1	25,000	7	1	1	5,000	8,000	17,000
Carriages and wagons (see also Wheelwrighting)	129	1,024,740	1,298	15	28	585,752	755,429	1,808,593
Celluloid and celluloid goods	5	1,209,000	452	174	109	242,498	388,262	1,251,540
Cement	4	215,300	76	.....	.....	34,045	79,650	140,700
Charcoal	23	19,075	50	.....	.....	10,625	11,750	31,105
Cheese and butter (factory)	11	42,170	30	1	1	8,395	85,491	123,063
Cigar molds	1	800	3	.....	3	1,820	2,210	7,820
Clocks	1	30,000	35	25	5	30,000	10,000	47,000
Clothing, men's	186	1,096,709	1,191	1,974	74	988,216	2,870,279	4,737,525
Clothing, women's	5	22,200	11	41	1	13,325	47,800	79,300
Coal-tar	1	275,000	63	.....	.....	30,000	190,000	300,000
Coffee and spices, roasted and ground	7	116,000	33	3	.....	19,079	240,060	319,388
Coffins, burial cases, and undertakers' goods	34	151,770	74	1	7	47,583	67,015	166,470
Combs	2	6,500	13	2	1	4,800	4,800	10,800
Confectionery	57	195,550	223	44	35	112,252	592,942	883,325
Cooperage	27	190,300	338	.....	13	123,788	405,421	697,374
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	30,000	27	.....	8	20,000	100,000	175,000
Cordage and twine	5	381,400	114	67	43	71,745	630,943	756,521
Cork cutting	2	50,200	43	.....	20	15,900	50,400	77,400
Corsets	9	104,100	53	340	74	115,698	213,880	371,633
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	24	3,961,145	1,262	2,809	765	1,309,997	2,284,819	5,039,519
Crucibles	2	950,000	575	.....	.....	211,000	482,000	800,000
Cutlery and edge tools (see also Hardware; Tools)	30	345,311	591	3	90	306,275	261,038	723,640
Dentistry, mechanical	34	71,800	33	6	10	18,658	46,234	155,217
Dentists' materials	3	3,800	2	.....	.....	600	950	2,400
Drugs and chemicals (see also Patent medicines and compounds)	41	3,830,750	1,215	27	30	598,743	3,528,204	4,993,965
Dyeing and cleaning	13	118,350	131	28	42	65,700	83,275	178,200
Dyeing and finishing textiles	18	1,473,000	1,788	249	161	925,612	1,642,933	3,365,769
Dyestuffs and extracts	6	119,000	75	.....	.....	26,383	200,814	249,352
Electric lights	1	200,000	60	.....	15	35,000	50,000	150,000
Electroplating	2	3,000	7	.....	.....	2,800	3,500	11,000
Engraving and die-sinking	15	80,075	70	7	9	49,984	17,422	101,928
Engraving, steel	1	500,000	100	.....	50	30,000	35,000	70,000
Explosives and fireworks	2	65,000	39	40	30	34,000	37,400	88,000
Fancy articles	16	191,500	342	44	172	294,619	172,533	569,800
Felt goods (see also Woolen goods)	6	313,000	250	21	15	86,170	516,195	685,386
Fertilizers	21	1,045,500	782	40	21	338,045	1,853,700	2,423,805
Files (see also Saws)	9	72,600	202	8	52	102,350	83,202	214,551
Flax, dressed	1	500	2	.....	.....	400	950	2,100
Flouring- and grist-mill products	481	3,879,083	934	.....	2	285,026	7,303,244	8,459,944
Food preparations (see page 39)	3	2,500	6	.....	.....	1,594	11,200	15,500
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam-fittings and heating apparatus)	188	7,431,421	7,746	102	357	3,432,453	6,138,852	11,282,748
Foundery supplies	5	15,500	11	.....	.....	6,198	7,600	20,660
Fruit-jar trimmings	1	150,000	230	93	25	104,501	318,708	485,503
Fruits and vegetables, canned and preserved	32	767,806	612	1,208	225	212,678	965,637	1,417,086
Furnishing goods, men's	2	7,000	4	68	4	7,400	17,500	62,000
Furniture (see also Mattresses and spring beds; Upholstering)	77	340,350	323	3	20	149,834	193,660	480,798
Furniture, chairs	8	28,575	91	15	12	34,380	25,575	74,450
Furs, dressed	4	35,200	37	13	7	18,785	47,315	96,495
Gas machines and meters	1	40,000	11	.....	1	5,000	20,000	37,500
Glass	27	2,728,021	2,762	46	770	1,300,038	1,088,346	2,810,170
Glass, cut, stained, and ornamented	6	45,000	44	.....	5	27,090	41,212	84,393
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	1	400	.....	8	.....	800	1,000	3,600
Glue	4	14,500	11	.....	.....	5,410	8,400	18,810
Gold and silver leaf and foil	3	4,000	6	.....	.....	1,380	11,580	16,918
Gold and silver, reduced and refined (not from the ore)	4	60,000	20	.....	1	9,350	368,386	424,500
Grease and tallow	8	39,200	29	.....	1	12,418	160,740	218,187
Gunpowder (see also High explosives)	1	55,000	30	.....	.....	11,442	70,216	91,560
Hairwork	2	9,750	.....	5	1	1,249	2,500	8,100
Hammocks	1	10,000	19	1	.....	7,800	30,000	50,000
Handles, wooden	3	10,775	8	.....	1	3,510	2,690	11,500
Hardware (see also Cutlery and edge tools; Tools)	35	507,450	392	33	51	217,090	540,703	965,986
Hardware, saddlery	37	870,200	856	139	150	441,072	779,958	1,609,555
Hat and cap materials	5	31,500	47	7	1	25,964	31,666	82,490
Hats and caps, not including wool hats	79	1,343,900	4,094	1,271	202	2,113,581	2,103,082	6,152,447
High explosives (see also Gunpowder)	1	21,000	35	1	.....	17,821	179,312	274,000
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	8	804,570	320	604	146	239,761	258,043	861,181
Housefurnishing goods	1	1,900	2	.....	.....	1,200	1,000	3,700
Ink	5	62,700	43	1	4	25,950	64,385	142,919
Instruments, professional and scientific	6	5,050	13	.....	.....	4,480	2,750	16,900
Iron and steel	40	9,099,050	4,711	.....	81	1,808,448	6,556,283	10,341,896
Iron bolts, nuts, washers, and rivets	4	160,050	196	.....	13	85,263	334,853	452,862
Iron doors and shutters	1	10,000	90	.....	12	40,000	75,000	150,000
Iron forgings	9	391,941	349	.....	33	150,190	524,352	775,514
Iron pipe, wrought	2	50,500	7	.....	.....	3,350	1,925	6,700
Iron railing, wrought	9	23,675	23	.....	4	13,489	53,692	80,874
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	6,000	25	.....	.....	9,000	18,000	30,000
Ivory and bone work	3	7,100	29	6	22	13,900	12,800	37,500
Jewelry	68	2,555,899	1,781	264	189	1,114,946	1,967,054	4,079,677

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW JERSEY, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Jewelry and instrument cases	1	$1,000	4	2	2	$1,900	$3,000	$8,000
Kaolin and ground earths	2	80,000	56	2	.....	28,300	61,216	142,000
Kindling wood	28	54,700	92	2	15	43,958	93,315	181,698
Labels and tags	1	90,000	70	.....	50	70,000	100,000	300,000
Lamps and reflectors	5	47,975	33	1	21	20,470	15,456	55,160
Lapidary work	6	5,400	25	.....	4	9,900	8,200	29,506
Lard, refined	1	25,000	28	.....	.....	16,000	150,000	175,000
Lasts	1	20,000	8	.....	1	4,900	2,950	15,000
Leather board (see also Paper)	1	10,000	6	.....	.....	1,350	3,000	5,000
Leather, curried	56	1,983,740	1,288	27	78	762,697	7,090,270	8,727,128
Leather, tanned	55	1,810,050	1,227	4	69	716,599	5,202,747	6,748,094
Lime	26	136,400	132	.....	.....	37,904	85,005	169,754
Liquors, distilled	19	102,045	14	.....	.....	2,900	27,550	41,890
Liquors, malt	49	3,260,800	1,121	.....	.....	493,741	2,504,748	4,532,733
Liquors, vinous (see also Liquors, distilled)	5	68,000	42	2	.....	8,525	58,300	79,700
Lock- and gun-smithing	10	7,300	9	.....	1	3,275	3,400	14,400
Looking-glass and picture frames	19	160,130	245	89	37	104,196	243,650	394,000
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	11	162,000	136	.....	27	58,739	152,230	254,285
Lumber, sawed	284	1,657,395	760	.....	8	179,693	989,979	1,627,640
Malt	1	10,000	4	.....	.....	800	13,500	16,875
Mantels, slate, marble, and marbleized	1	2,500	6	.....	.....	1,458	1,000	3,550
Marble and stone work	85	411,860	503	1	41	308,683	286,512	811,996
Masonry, brick and stone	69	224,950	704	.....	12	282,135	397,005	853,046
Matches	1	6,000	4	15	5	1,840	1,470	3,600
Mattresses and spring beds (see also Furniture)	9	28,550	63	7	8	20,216	58,976	101,900
Millinery and lace goods (see also Artificial feathers and flowers)	1	6,000	6	28	.....	4,000	5,580	11,580
Mineral and soda waters	19	76,200	89	.....	6	35,709	93,670	178,347
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	10	1,577,870	521	906	343	526,770	820,938	1,906,680
Models and patterns	8	7,575	14	.....	.....	6,543	2,437	17,477
Mucilage and paste	1	400	1	.....	.....	50	1,500	2,700
Musical instruments and materials (not specified)	4	26,000	28	5	.....	13,900	10,600	30,000
Musical instruments, organs and materials	5	354,022	409	2	.....	160,900	215,168	467,000
Musical instruments, pianos and materials	2	10,200	6	.....	1	4,500	6,000	13,000
Needles and pins	2	4,500	22	1	2	8,700	4,400	16,000
Oil, castor	1	250,000	30	.....	.....	15,000	200,000	300,000
Oil, essential	2	1,500	1	.....	.....	200	2,500	3,250
Oil, linseed	1	14,000	1	.....	.....	450	9,000	9,500
Oil, lubricating	1	3,000	3	.....	.....	1,135	2,035	6,047
Oilcloth, enameled	2	190,000	130	.....	30	71,627	603,200	722,000
Oilcloth, floor	8	625,000	384	.....	14	180,132	878,169	1,173,258
Painting and paperhanging	159	193,675	598	2	14	277,628	300,909	798,077
Paints (see also Varnish)	13	761,000	164	8	10	71,204	428,165	598,338
Paper (see also Leather board)	32	1,830,500	670	139	33	272,936	1,286,182	2,015,569
Paperhangings	3	270,000	161	13	10	56,608	270,688	454,469
Patent medicines and compounds (see also Drugs and chemicals)	12	308,500	113	50	5	62,076	133,550	639,125
Paving materials	1	3,000	6	.....	.....	3,000	6,000	30,000
Pencils, lead	1	100,000	47	24	99	35,000	35,000	100,000
Pens, steel	1	150,000	22	162	16	70,000	27,000	120,000
Photographic apparatus	1	3,000	6	2	.....	3,000	500	5,000
Photographing	45	86,550	83	19	9	50,047	50,574	172,682
Photographing materials	1	7,000	8	.....	.....	1,800	14,500	21,000
Pickles, preserves, and sauces	3	16,000	17	8	3	6,953	44,460	62,412
Pipes, tobacco	2	3,400	17	2	.....	3,600	1,100	7,800
Plumbing and gasfitting	125	404,175	482	.....	28	245,492	448,268	912,352
Pocket-books	1	1,000	.....	12	.....	1,000	6,000	10,000
Printing and publishing	93	865,475	859	82	120	477,224	418,758	1,224,519
Printing materials	1	12,000	12	.....	.....	5,500	6,300	30,000
Pumps, not including steam pumps	5	5,500	11	.....	.....	3,300	3,650	11,075
Refrigerators	1	500	4	.....	.....	1,000	1,000	3,000
Roofing and roofing materials	19	39,260	69	.....	1	28,200	82,141	149,150
Rubber and elastic goods	15	934,000	715	282	94	347,924	1,597,706	2,231,202
Rubber, vulcanized	3	220,200	335	150	10	154,700	391,200	767,200
Saddlery and harness	194	709,878	854	69	29	354,896	875,211	1,579,404
Sand and emery paper and cloth	1	500	3	.....	1	2,000	1,800	4,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	67	806,925	763	31	28	322,674	622,071	1,150,115
Saws	3	235,000	197	6	58	120,643	114,462	279,909
Screws	1	12,000	9	.....	.....	3,640	2,423	9,000
Sewing machines and attachments	8	1,152,755	2,836	75	400	1,519,947	1,484,902	4,640,852
Shipbuilding	93	943,070	930	.....	.....	548,807	649,194	1,384,629
Shirts	34	516,300	489	2,180	204	662,086	1,196,329	2,111,069
Shoddy (see also Mixed textiles)	1	35,000	10	5	15	25,000	80,734	137,500
Silk and silk goods (see also Mixed textiles)	106	6,952,325	4,696	5,360	2,493	4,177,745	9,678,536	17,122,280
Silversmithing	2	108,000	41	4	.....	30,000	13,000	60,000
Silverware	1	20,000	6	.....	2	3,000	2,500	9,000
Slaughtering and meat-packing, not including retail butchering establishments.	31	1,775,200	572	.....	10	374,278	19,349,435	20,719,640
Smelting and refining (base scrap metal, not from the ore)	2	151,800	300	.....	2	156,000	8,137,500	8,370,100
Soap and candles	15	1,197,700	246	8	176	187,383	1,116,321	1,743,380
Spectacles and eyeglasses	2	5,000	6	6	5	4,400	4,095	13,000
Sporting goods	2	16,000	24	11	.....	15,000	7,100	45,600
Springs, steel, car, and carriage	3	66,393	85	.....	1	44,050	125,250	191,100

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW JERSEY, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Stationery goods	9	$60,500	74	4	18	$29,048	$21,740	$78,900
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	1	40,000	72	.....	.....	24,300	22,000	60,000
Stereotyping and electrotyping (see also Type founding)	1	50,000	7	.....	.....	3,000	4,000	20,000
Stone- and earthen-ware	49	2,057,200	2,054	458	668	1,101,511	1,030,598	2,598,757
Straw goods	3	54,800	33	192	.....	30,150	145,800	251,000
Sugar and molasses, refined	4	2,110,000	692	.....	5	470,216	20,794,961	22,841,258
Surgical appliances	2	4,000	4	5	.....	4,624	3,500	16,100
Taxidermy	1	10,000	5	100	20	9,000	10,000	25,000
Thread, linen	1	500,000	200	730	.....	260,000	750,000	1,200,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	165	656,310	808	38	88	361,274	796,999	1,404,655
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	6	1,293,000	990	1,904	181	923,350	3,492,949	5,003,949
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	283	479,595	761	71	70	332,276	800,706	1,508,810
Tools (see also Cutlery and edge tools; Hardware)	3	31,550	46	.....	.....	23,450	10,950	38,700
Toys and games	7	8,500	50	22	12	11,716	12,737	34,247
Trunks and valises	15	991,800	1,313	160	250	650,822	1,349,855	2,453,023
Type founding (see also Stereotyping and electrotyping)	1	1,000	.....	.....	.....	.....	400	1,200
Umbrellas and canes	8	101,800	198	.....	41	64,448	65,513	180,300
Upholstering (see also Furniture)	30	34,500	48	8	8	23,637	58,731	105,580
Upholstering materials	3	62,500	45	76	15	39,600	75,000	126,000
Varnish (see also Paints)	17	430,000	84	.....	3	56,630	551,007	840,774
Vinegar	6	16,225	13	.....	1	3,440	29,750	42,390
Watch and clock materials	3	14,500	16	4	2	6,800	7,500	20,651
Watch and clock repairing	23	29,750	30	.....	1	17,701	18,900	74,000
Watch cases	2	153,000	326	17	77	137,342	517,225	659,817
Wheelbarrows	1	100,000	48	.....	.....	17,000	14,000	36,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	364	386,673	569	8	24	205,127	260,302	697,470
Whips	1	70,000	32	11	.....	24,000	25,000	90,000
Window blinds and shades	4	154,300	70	3	20	36,300	104,000	226,500
Wire	3	260,000	430	6	100	273,350	718,000	1,093,500
Wirework	6	248,800	185	32	8	87,649	172,880	308,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	34	114,525	211	8	34	86,004	102,525	231,420
Wooden ware	1	1,500	3	.....	3	2,000	3,500	6,500
Woolen goods (see also Carpets, other than rag; Felt goods; Gloves and mittens; Mixed textiles; Worsted goods).	27	2,530,125	1,827	997	539	996,384	3,162,955	4,984,007
Worsted goods (see also Woolen goods)	2	45,000	90	35	55	22,200	70,417	119,000
Zinc	1	125,000	29	.....	.....	45,373	141,548	200,000

A—NEW MEXICO TERRITORY, BY TOTALS OF COUNTIES.

The Territory	144	$463,275	553	.....	4	$218,731	$871,352	$1,284,846
COUNTIES.								
Bernalillo	3	32,500	26	.....	.....	3,000	17,000	23,520
Colfax	8	8,500	26	.....	.....	6,194	9,100	22,330
Doña Aña	7	45,300	21	.....	.....	7,887	56,575	80,811
Grant	7	16,175	24	.....	.....	5,318	16,250	26,630
Lincoln	6	10,950	10	.....	.....	1,088	6,185	10,720
Mora	9	60,700	18	.....	.....	4,090	56,000	66,086
Rio Arriba	5	23,000	36	.....	.....	5,345	40,525	52,874
San Miguel	43	128,750	251	.....	.....	133,629	321,330	529,071
Santa Fé	21	61,450	76	.....	3	35,695	125,897	204,490
Socorro	12	21,700	21	.....	.....	3,800	69,600	81,110
Taos	15	20,250	23	.....	1	4,210	98,210	114,704
Valencia	8	34,000	21	.....	.....	8,475	54,700	72,500

B—NEW MEXICO TERRITORY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	144	$463,275	553	.....	4	$218,731	$871,352	$1,284,846
Blacksmithing (see also Wheelwrighting)	11	4,950	17	.....	.....	5,944	6,675	20,550
Boots and shoes, including custom work and repairing	6	5,300	6	.....	.....	3,650	8,500	11,430
Brick and tile	1	800	8	.....	.....	600	500	1,500
Carpentering	22	40,250	132	.....	4	90,075	205,250	336,790
Carriages and wagons (see also Wheelwrighting)	1	20,000	12	.....	.....	9,500	30,000	48,000
Clothing, men's	1	500	2	.....	.....	2,100	1,000	3,600
Flouring- and grist-mill products	51	249,250	134	.....	.....	35,416	435,450	529,171
Furniture	1	3,500	4	.....	.....	3,600	7,000	18,000
Jewelry	3	13,000	16	.....	.....	11,000	14,000	35,000
Liquors, distilled	1	1,000	1	.....	.....	40	350	535
Liquors, malt	3	6,000	2	.....	.....	410	1,772	3,290
Liquors, vinous (see also Liquors, distilled)	1	1,300	3	.....	.....	800	1,500	4,000
Lumber, sawed	26	74,675	172	.....	.....	24,240	117,055	173,930
Masonry, brick and stone	2	700	4	.....	.....	2,000	3,300	7,000
Saddlery and harness	5	7,600	11	.....	.....	5,900	6,500	15,800
Tinware, copperware, and sheet-iron ware	2	30,000	12	.....	.....	10,100	22,000	40,000
Tobacco, cigars and cigarettes	1	1,000	1	.....	.....	550	500	2,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	6	3,450	16	.....	.....	12,806	15,000	34,250

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—NEW YORK, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed. Males above 16 years.	Females above 15 years.	Children and youths.	Total amount paid in wages during the year.	Value of materials.	Value of products.
The State	42,739	$514,246,575	364,549	137,455	29,529	$198,634,029	$679,612,545	$1,080,696,596
Albany	1,213	27,873,440	15,230	6,325	2,446	7,866,733	20,600,969	36,258,031
Allegany	400	1,586,096	1,197	62	39	333,068	2,169,402	3,190,385
Broome	403	3,978,324	2,834	696	127	1,289,588	4,894,316	7,536,513
Cattaraugus	533	2,885,309	2,073	76	51	591,507	3,984,591	5,584,808
Cayuga	485	5,554,537	4,242	848	204	1,801,785	5,288,658	9,560,397
Chautauqua	594	4,461,760	3,132	417	242	1,285,166	4,294,587	6,616,054
Chemung	421	3,605,096	2,941	349	124	1,156,479	4,238,245	6,392,717
Chenango	445	1,118,820	1,106	130	37	291,179	1,375,718	2,173,603
Clinton	287	3,246,255	2,403	163	97	724,573	2,829,625	4,149,776
Columbia	385	8,078,830	2,055	1,157	488	1,299,850	4,378,222	7,772,623
Cortland	260	1,501,766	1,152	315	55	406,588	2,379,348	3,425,138
Delaware	444	1,190,757	1,035	28	11	238,655	1,223,838	1,919,496
Duchess	460	9,572,594	5,077	1,909	876	2,607,642	7,577,223	12,204,168
Erie	1,831	29,200,731	16,637	2,132	1,443	7,985,093	30,723,295	47,522,471
Essex	188	3,955,950	1,526	76	39	470,136	1,846,630	3,008,617
Franklin	276	1,475,415	1,158	106	27	338,414	1,855,789	2,519,205
Fulton	464	3,621,258	2,701	3,433	145	1,509,564	4,320,997	7,152,019
Genesee	309	932,569	847	102	30	241,374	907,423	1,534,676
Greene	250	1,679,375	1,366	405	483	467,844	1,399,973	2,306,418
Hamilton	19	179,410	144	.....	.....	33,860	307,742	476,994
Herkimer	454	4,355,988	2,620	678	246	1,337,953	3,749,409	6,676,355
Jefferson	696	3,927,230	2,645	382	86	912,813	4,156,253	6,553,014
Kings	5,281	62,719,399	37,878	7,299	3,621	22,867,176	180,108,417	179,188,685
Lewis	338	1,797,365	1,397	55	20	340,696	2,185,867	3,193,655
Livingston	314	1,128,080	953	9	7	222,543	1,037,229	1,625,355
Madison	454	1,977,288	1,325	305	58	425,021	2,205,202	3,354,258
Monroe	1,104	15,347,133	11,228	4,330	1,449	5,749,047	18,594,915	29,949,126
Montgomery	324	6,445,190	2,972	2,339	737	1,723,780	6,136,249	10,375,026
New York	11,339	181,206,356	146,179	71,795	9,378	97,030,021	288,441,691	472,926,437
Niagara	285	3,335,649	2,217	278	215	707,046	3,701,460	5,757,707
Oneida	1,100	12,606,989	7,876	3,886	931	3,427,566	11,098,698	17,808,378
Onondaga	1,227	13,213,178	10,406	3,162	766	3,995,627	12,222,132	20,428,477
Ontario	403	2,133,603	1,345	177	28	472,592	2,480,648	3,679,924
Orange	496	6,650,648	5,067	1,079	646	2,204,083	5,772,067	10,058,463
Orleans	160	824,900	625	28	22	172,852	808,179	1,278,237
Oswego	695	6,203,315	3,893	937	277	1,554,829	8,318,024	12,024,845
Otsego	550	1,589,763	1,197	392	72	359,503	1,498,578	2,372,321
Putnam	46	323,700	179	55	.....	87,981	560,941	841,054
Queens	355	7,536,050	3,197	487	200	1,692,166	5,315,352	9,104,347
Rensselaer	803	18,255,148	13,283	13,013	1,307	8,184,666	17,448,710	33,679,573
Richmond	100	2,658,570	1,439	88	30	676,305	2,807,237	4,035,237
Rockland	156	1,600,390	2,105	364	229	854,308	1,523,888	3,236,385
Saint Lawrence	827	3,842,875	2,792	241	112	810,863	4,532,187	6,614,981
Saratoga	392	5,409,137	3,386	1,388	312	1,436,731	4,882,062	8,053,673
Schenectady	171	1,560,650	2,022	231	78	775,915	1,606,806	2,847,802
Schoharie	244	588,365	471	33	2	89,978	661,029	934,844
Schuyler	174	478,440	413	40	5	92,423	526,772	788,211
Seneca	172	2,407,210	1,245	254	65	584,447	1,570,154	2,927,772
Steuben	610	3,888,905	2,694	124	30	856,091	3,850,743	5,863,128
Suffolk	379	1,686,907	1,350	134	98	419,139	1,301,617	2,176,613
Sullivan	270	804,755	858	.....	21	184,032	1,095,854	1,557,436
Tioga	290	1,758,720	1,209	63	8	325,940	2,098,887	2,931,741
Tompkins	814	2,033,118	1,450	126	46	506,832	1,688,786	2,897,360
Ulster	558	3,958,408	3,701	192	305	1,385,125	3,504,036	6,533,735
Warren	134	2,112,380	1,065	1,960	283	470,837	1,772,737	2,330,141
Washington	355	2,658,188	1,955	182	68	565,335	2,208,225	3,597,512
Wayne	496	2,091,684	1,557	205	85	423,541	1,796,964	2,842,864
Westchester	502	5,659,424	7,542	2,286	674	3,231,364	7,752,838	14,217,985
Wyoming	299	1,073,370	666	85	35	207,230	1,287,599	1,906,825
Yates	145	698,715	631	44	4	186,478	698,422	1,117,475

B—NEW YORK, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	42,739	$514,246,575	364,549	137,455	29,529	$198,634,029	$679,612,545	$1,080,696,596
Agricultural implements	265	9,580,009	6,335	.....	127	2,513,875	4,580,010	10,707,766
Artificial feathers and flowers (see also Millinery and lace goods)	150	1,101,650	455	3,047	109	950,968	2,257,623	4,343,924
Artificial limbs (see also Surgical appliances)	10	30,500	22	.....	.....	15,037	9,556	57,120
Awnings and tents	46	178,000	182	101	11	106,275	364,794	569,339
Axle-grease	3	40,500	15	.....	.....	11,490	66,600	104,000
Babbitt metal and solder	4	39,100	17	.....	.....	8,034	65,193	83,450
Bags, other than paper	8	755,500	271	454	82	338,850	3,119,600	3,384,300
Bags, paper	20	212,100	158	144	7	98,219	452,890	691,072
Baking and yeast powders (see also Drugs and chemicals)	28	434,200	249	155	16	215,586	1,644,714	2,142,730
Baskets, rattan and willow ware	72	162,000	520	172	86	83,805	124,210	309,982
Bells	3	110,000	22	.....	.....	9,729	95,860	133,800
Belting and hose, leather	22	674,209	318	22	26	196,674	1,904,513	2,365,139
Billiard tables and materials	15	370,069	135	.....	5	82,216	363,618	583,518
Blacking	6	133,500	102	15	6	62,300	200,300	488,160
Blacksmithing (see also Wheelwrighting)	3,769	3,219,002	4,715	1	60	1,751,612	2,034,407	6,253,634

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW YORK, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Bluing	8	$69,700	40	19	.....	$18,775	$73,850	$124,700
Bone-, ivory-, and lamp-black	6	67,000	26	.....	2	9,349	80,293	107,626
Bookbinding and blank-book making	156	2,536,000	2,019	2,178	205	1,680,629	2,445,294	5,296,691
Boot and shoe cut stock	3	8,500	22	53	38	22,450	54,400	90,800
Boot and shoe findings	15	88,850	101	43	21	50,312	94,257	204,129
Boot and shoe uppers	22	49,934	53	40	3	37,244	109,346	198,797
Boots and shoes, including custom work and repairing	2,831	8,283,244	12,957	3,847	704	6,591,833	13,800,951	24,991,983
Boxes, cigar	54	441,045	599	296	166	373,278	603,337	1,339,668
Boxes, fancy and paper	113	959,010	886	2,354	173	916,049	1,508,391	3,033,777
Boxes, wooden, packing	156	1,742,225	1,487	121	117	684,519	2,309,185	3,610,472
Brass and copper, rolled	1	39,600	85	.....	3	52,031	470,610	583,709
Brass castings (see also Bronze castings)	102	1,219,721	1,309	62	204	683,243	1,301,247	2,458,445
Brass ware	8	54,800	127	25	15	56,457	168,643	260,214
Bread and other bakery products	1,719	5,030,681	4,943	482	245	2,612,982	13,022,040	19,937,953
Brick and tile (see also Drain and sewer pipe)	321	3,923,405	6,715	29	619	1,613,766	1,196,925	4,108,464
Bridges	4	314,000	171	.....	.....	65,500	319,000	426,000
Bronze castings (see also Brass castings)	1	250	.....	.....	.....	.....	300	1,030
Brooms and brushes	215	1,581,271	1,814	799	341	814,349	2,030,919	3,705,127
Buttons	18	450,000	255	1,054	123	332,799	366,372	916,262
Calcium lights	2	18,000	17	.....	.....	9,212	23,631	46,243
Carpentering	1,487	4,845,550	10,455	2	90	5,563,901	10,317,052	19,410,276
Carpets, other than rag (see also Woolen goods)	10	6,422,158	1,887	3,159	556	1,952,391	4,453,410	8,419,254
Carpets, rag	26	11,475	27	4	5	9,933	23,003	44,361
Carpets, wood	2	2,500	4	.....	4	2,250	3,500	7,500
Carriage and wagon materials	62	451,750	422	1	8	139,063	314,536	619,631
Carriages and wagons (see also Wheelwrighting)	667	5,487,158	6,218	37	173	2,882,672	4,031,422	8,888,479
Carriages and sleds, children's	19	287,450	439	18	11	102,228	358,340	703,469
Cars, railroad, street, and repairs	26	980,522	1,221	1	39	556,590	1,470,232	2,304,680
Celluloid and celluloid goods	1	5,000	.....	1	.....	300	1,000	10,000
Cement	10	193,500	377	.....	10	134,701	164,300	387,958
Charcoal	3	6,500	8	.....	.....	975	4,700	7,450
Cheese and butter (factory)	1,652	3,576,214	2,526	808	34	623,391	8,848,708	12,205,353
Chocolate	4	55,500	39	44	.....	26,203	157,403	257,153
Cigar molds	1	5,000	6	.....	9	5,200	17,000	26,000
Cleansing and polishing preparations	8	159,000	74	1	4	42,435	147,419	267,250
Clocks	4	625,000	771	304	217	382,920	508,650	1,037,350
Cloth finishing	8	13,600	42	.....	2	17,188	26,656	91,129
Clothing, men's	1,583	30,517,107	36,635	25,822	651	18,324,466	52,712,947	81,133,611
Clothing, women's	277	5,141,290	1,849	11,892	64	4,196,013	12,577,958	20,314,307
Coffee and spices, roasted and ground	58	2,065,725	544	74	22	380,259	6,073,482	7,652,672
Coffins, burial cases, and undertakers' goods	115	1,360,085	679	166	10	399,309	953,199	1,942,577
Collars and cuffs, paper	3	170,000	52	123	.....	38,050	242,458	408,832
Combs	6	152,300	158	154	4	106,608	52,825	228,719
Confectionery	302	2,279,658	1,566	829	176	835,204	4,304,823	6,686,389
Cooperage	740	2,752,727	4,479	35	360	1,676,719	3,918,631	6,765,719
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	40	471,202	412	.....	1	279,392	645,268	1,021,372
Cordage and twine	37	3,032,100	939	1,017	505	632,748	4,110,112	5,207,135
Cork cutting	20	176,400	97	64	20	56,430	186,109	323,001
Corsets	27	211,100	118	1,235	116	228,551	443,561	791,639
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	57	12,644,138	3,259	4,564	2,167	2,218,121	5,627,299	9,723,527
Cutlery and edge tools (see also Hardware; Tools)	87	1,590,742	1,443	38	100	614,403	799,137	1,680,960
Dentistry, mechanical	156	169,450	97	.....	8	47,044	78,309	335,220
Dentists' materials	6	85,800	117	5	4	63,304	60,874	220,858
Drain and sewer pipe (see also Brick and tile)	12	105,200	65	.....	3	25,403	57,908	124,866
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	112	6,779,899	1,052	392	46	993,556	6,978,755	9,991,259
Dyeing and cleaning	66	131,025	128	72	3	74,448	210,010	385,171
Dyeing and finishing textiles	29	2,343,000	1,359	300	270	842,387	1,075,559	2,776,154
Dyestuffs and extracts	10	933,200	303	10	6	164,315	1,399,176	1,831,703
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	3	17,500	11	1	.....	8,450	17,150	38,900
Electroplating	78	228,600	511	52	52	264,169	185,927	696,932
Emery wheels	1	10,000	3	.....	1	1,920	15,000	40,000
Enameling	9	21,700	17	9	.....	10,020	10,099	42,583
Engravers' materials	7	48,200	56	3	.....	32,320	21,964	70,500
Engraving and die-sinking	103	152,180	263	5	48	151,808	99,136	476,386
Engraving, steel	26	535,700	460	189	60	1,158,960	385,514	1,808,850
Engraving, wood	76	33,228	164	4	6	132,817	17,834	283,747
Envelopes	2	5,800	5	48	1	10,416	23,150	36,271
Explosives and fireworks	10	117,500	103	36	58	51,599	101,048	235,447
Fancy articles	66	695,100	736	374	99	436,041	452,384	1,264,944
Felt goods (see also Woolen goods)	4	157,500	137	46	12	35,289	155,893	257,450
Fertilizers	75	2,328,400	900	5	5	287,859	2,242,511	3,150,312
Files (see also Saws)	37	234,400	397	6	34	163,553	103,377	412,554
Fire-arms	5	788,000	489	.....	24	391,500	84,000	823,500
Flags and banners	4	32,000	5	31	.....	14,800	25,500	60,000
Flavoring extracts	11	122,350	30	6	2	17,905	77,048	120,237
Flax, dressed	12	58,750	90	.....	.....	12,753	46,050	67,150
Flouring- and grist-mill products	1,768	19,545,994	4,284	10	10	1,587,899	43,226,194	49,331,984
Food preparations (see page 39)	31	452,250	209	43	21	117,616	629,513	899,722
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	883	34,046,914	30,186	34	1,041	14,828,342	20,214,369	44,714,915
Foundery supplies	2	22,500	8	.....	.....	930	2,240	4,200
Fruits and vegetables, canned and preserved	88	1,102,421	1,271	1,510	573	346,050	1,619,484	2,379,816
Fuel, artificial	1	100,000	70	.....	.....	10,000	55,000	102,000
Furnishing goods, men's	73	2,349,900	786	7,045	221	1,790,514	3,770,374	7,147,443
Furniture (see also Mattresses and spring beds; Upholstering)	849	8,220,978	9,367	254	454	4,997,041	6,749,672	15,210,879
Furniture, chairs	62	991,935	1,195	368	546	472,974	614,690	1,404,138

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW YORK, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Furs, dressed	95	$2,622,890	1,133	1,882	50	$1,052,242	$3,715,761	$5,640,122
Galvanizing	8	273,000	229	.....	12	122,620	351,800	850,770
Gas and lamp fixtures	18	2,231,000	1,500	40	127	867,878	1,027,565	2,728,628
Gas machines and meters	3	140,000	119	2	.....	63,587	76,655	177,197
Glass	32	1,933,600	2,116	50	912	1,046,812	944,091	2,420,796
Glass, cut, stained, and ornamented	109	596,130	842	86	123	451,194	868,452	1,801,902
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	199	2,690,048	1,569	3,623	121	1,245,013	3,404,937	5,718,529
Glucose	3	1,750,000	775	5	17	485,000	2,000,000	3,075,000
Glue	9	867,000	297	9	20	129,139	624,123	884,280
Gold and silver leaf and foil	29	160,700	254	110	11	189,282	386,824	655,358
Gold and silver, reduced and refined (not from the ore)	10	193,000	85	.....	.....	56,452	3,030,919	3,120,452
Graphite	1	8,000	18	.....	.....	7,200	5,000	15,000
Grease and tallow	23	564,004	323	3	6	178,898	6,623,526	7,322,970
Gunpowder	6	299,660	122	10	.....	73,500	327,319	567,843
Hairwork	88	228,300	95	366	12	150,622	313,273	679,620
Hand-knit goods	9	4,600	3	109	4	8,622	11,967	26,022
Handles, wooden	30	139,235	190	.....	4	44,037	74,948	166,842
Hand-stamps	17	41,100	62	3	1	33,108	34,266	127,032
Hardware (see also Cutlery and edge tools; Tools)	141	1,842,226	2,062	55	315	1,038,028	1,514,042	3,396,633
Hardware, saddlery	9	351,000	687	44	98	230,080	381,028	720,128
Hat and cap materials	30	392,228	414	275	15	278,451	663,682	1,179,609
Hats and caps, not including wool hats	168	1,082,140	2,408	1,917	201	1,877,123	3,335,778	6,464,058
Hones and whetstones	4	7,900	14	.....	1	2,648	4,435	12,500
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	75	5,334,876	2,389	4,470	999	2,036,076	5,072,058	9,890,540
Housefurnishing goods	10	23,906	33	2	13	16,808	26,739	57,040
Ink	12	388,800	77	22	11	51,342	348,000	505,010
Instruments, professional and scientific	67	571,350	465	16	23	266,113	188,186	716,922
Iron and steel	89	21,543,221	10,697	.....	747	4,099,451	13,395,229	22,219,219
Iron bolts, nuts, washers, and rivets	26	432,619	416	15	40	185,604	572,326	929,111
Iron forgings	12	852,500	703	.....	28	273,770	809,912	1,314,274
Iron nails and spikes, cut and wrought	3	250,000	204	22	29	94,795	183,000	376,000
Iron pipe, wrought	9	379,500	236	.....	30	105,997	640,699	924,745
Iron railing, wrought	49	200,697	281	.....	6	182,770	214,913	529,967
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	9	100,000	104	.....	1	48,653	184,647	293,131
Ivory and bone work	18	182,414	232	59	28	116,389	217,845	401,674
Japanning	12	13,750	26	1	17	16,235	6,801	39,715
Jewelry	260	2,003,938	2,052	220	118	1,417,710	2,765,347	5,340,806
Jewelry and instrument cases	2	6,900	26	.....	.....	18,980	7,450	29,830
Jute and jute goods	3	390,000	197	282	.....	132,621	415,788	650,560
Kaolin and ground earths	3	73,000	87	.....	.....	26,410	12,100	87,000
Kindling wood	109	738,500	755	10	154	359,377	1,071,730	1,818,721
Labels and tags	2	16,000	3	9	1	2,685	9,900	24,550
Lamps and reflectors	25	487,000	447	3	24	254,163	303,885	857,467
Lapidary work	26	99,250	90	11	16	80,226	128,682	313,230
Lard, refined	11	786,366	492	.....	10	254,888	14,317,826	14,758,718
Lasts	11	87,382	100	2	.....	52,869	37,347	146,582
Lead, bar, pipe, sheet, and shot	10	901,575	113	3	3	60,558	1,250,492	1,701,717
Leather, curried	185	1,720,356	884	.....	16	366,426	5,210,852	6,192,002
Leather, dressed skins	71	1,881,040	1,071	23	41	450,139	2,061,438	3,095,302
Leather goods	46	483,100	783	129	37	426,280	952,073	1,764,778
Leather, patent and enameled	1	2,100	5	2	.....	3,800	10,136	16,000
Leather, tanned	386	11,710,415	4,991	34	65	1,819,742	18,014,683	23,652,366
Lime	79	794,332	763	.....	62	178,116	345,433	707,871
Linen goods	3	76,800	56	92	25	32,097	39,941	88,000
Liquors, distilled	19	458,025	155	.....	.....	70,820	678,472	1,012,550
Liquors, malt	325	27,580,502	8,064	8	21	3,912,798	10,823,858	35,392,077
Liquors, vinous (see also Liquors, distilled)	12	459,000	93	.....	.....	33,650	254,056	375,150
Lithographing (see also Printing and publishing)	58	1,628,550	1,193	61	144	828,615	842,379	2,270,854
Lock- and gun-smithing	122	125,325	157	2	27	90,582	105,352	324,708
Looking-glass and picture frames	146	1,026,481	1,354	18	142	670,780	1,550,915	2,828,757
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	222	4,556,865	3,113	.....	185	1,356,491	5,271,184	8,073,766
Lumber, sawed	2,822	13,230,934	11,056	.....	389	2,162,972	9,119,263	14,356,910
Malt	111	8,196,810	1,252	.....	.....	513,229	7,781,359	9,874,008
Mantels, slate, marble, and marbleized	5	221,500	108	.....	.....	50,680	65,864	147,505
Marble and stone work	560	4,892,056	5,759	10	108	3,496,242	4,055,445	10,189,267
Masonry, brick and stone	280	966,695	2,873	.....	33	1,520,550	2,265,235	4,640,356
Matches	8	321,950	104	234	52	84,860	270,632	551,270
Mats and matting	7	193,650	183	12	70	116,029	203,427	385,340
Mattresses and spring beds (see also Furniture)	65	449,198	366	88	19	205,252	873,987	1,426,602
Millinery and lace goods (see also Artificial feathers and flowers)	110	1,460,680	722	2,827	138	1,068,173	3,685,280	5,797,531
Millstones	4	26,700	12	.....	.....	4,500	6,875	15,000
Mineral and soda waters	99	864,948	664	2	57	351,014	590,273	1,368,542
Mirrors	1	20,000	20	.....	3	12,000	132,000	150,000
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods)	134	7,902,150	3,369	5,722	1,326	3,049,305	6,935,558	13,376,380
Models and patterns	54	131,121	202	1	3	119,125	47,196	272,665
Musical instruments and materials (not specified)	16	44,150	73	2	6	37,278	76,433	153,204
Musical instruments, organs and materials	52	469,350	433	8	20	234,648	205,661	604,891
Musical instruments, pianos and materials	82	6,027,845	3,892	24	50	3,213,481	3,579,131	8,084,154
Needles and pins	4	104,100	26	60	8	31,712	30,300	91,000
Nets and seines	2	8,000	9	11	.....	1,700	4,600	8,800

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW YORK, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Oil, essential	54	$30,775	126	1	1	$7,000	$73,014	$117,785
Oil, lard	3	170,000	100	.....	2	37,415	920,600	1,026,800
Oil, linseed	9	1,406,000	359	6	6	196,277	4,961,782	5,679,607
Oil, lubricating	12	231,800	92	.....	1	60,485	386,571	534,595
Oil, neat's-foot	2	4,800	6	.....	.....	1,200	3,500	6,500
Oil, resin	3	82,523	23	.....	.....	14,590	189,622	238,471
Oilcloth, enameled	2	125,000	85	2	11	45,000	261,000	340,000
Oilcloth, floor	8	1,125,000	560	.....	16	222,689	906,853	1,426,348
Oleomargarine	5	645,500	270	.....	.....	126,636	4,418,695	5,338,753
Painting and paperhanging	852	1,567,235	4,000	33	82	2,180,099	2,257,425	5,897,276
Paints (see also Varnish)	73	4,842,600	1,540	103	40	831,863	6,994,561	9,455,900
Paper (see also Collars and cuffs, papers; Envelopes; Wood pulp)	168	6,859,565	2,929	751	134	1,217,580	5,579,525	8,524,279
Paperhangings	16	2,462,000	1,240	136	521	654,853	2,970,282	5,095,955
Paper patterns	4	105,100	13	84	.....	40,538	44,000	512,550
Patent medicines and compounds (see also Drugs and chemicals)	108	3,512,430	584	339	180	485,558	1,932,936	4,389,178
Paving materials	5	58,600	95	.....	.....	21,097	17,868	53,856
Pencils, lead	1	236,097	64	116	40	65,118	59,844	172,427
Pens, gold	12	314,050	169	14	19	145,907	174,356	461,761
Pens, steel	1	22,500	5	45	.....	10,000	3,450	24,000
Perfumery and cosmetics	22	462,450	171	216	5	121,484	724,100	1,280,200
Photographic apparatus	2	4,000	5	.....	2	3,402	2,630	10,025
Photographing	200	930,875	935	278	46	553,709	534,458	1,840,191
Pickles, preserves, and sauces	40	387,050	178	71	37	64,597	351,080	676,916
Pipes, tobacco	16	101,400	177	23	20	97,208	110,718	297,188
Plated and britannia ware (see also Silverware)	2	290,000	115	53	.....	55,000	120,000	290,000
Plumbing and gasfitting	725	1,823,398	3,188	1	178	1,807,153	3,300,282	6,642,401
Pocket-books	35	283,950	491	77	54	285,577	532,983	1,033,834
Printing and publishing (see also Lithographing)	712	20,027,989	11,651	1,678	1,088	8,059,487	9,518,171	27,885,376
Printing materials	8	91,500	67	1	5	38,658	100,205	199,000
Pumps, not including steam pumps	72	250,550	206	.....	2	88,313	158,558	365,153
Racking-hose	1	500	2	.....	.....	1,200	1,350	5,512
Refrigerators	28	346,528	473	14	36	215,528	396,463	801,172
Regalia and society banners and emblems	14	185,200	66	52	3	45,271	103,701	209,263
Roofing and roofing materials	147	411,991	852	.....	22	459,098	783,101	1,695,672
Rubber and elastic goods	24	1,589,037	972	469	89	697,340	1,769,673	2,914,119
Saddlery and harness	1,123	1,725,782	2,192	62	65	905,371	1,734,498	3,792,955
Safes, doors, and vaults, fire-proof	9	561,400	450	.....	20	233,276	399,210	807,516
Salt	69	2,286,081	962	11	39	274,087	507,020	1,107,760
Salt, ground	4	229,200	130	38	.....	31,897	218,943	266,906
Sand and emery paper and cloth	1	40,000	10	.....	5	7,850	27,648	84,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	244	2,639,775	2,890	.....	133	1,170,394	2,628,837	4,879,894
Saws	18	435,860	382	10	26	157,250	319,059	606,851
Scales and balances	19	369,800	320	.....	8	155,735	165,957	456,147
Sewing-machine cases	2	7,000	17	.....	3	5,600	6,910	14,350
Sewing machines and attachments	26	919,725	944	56	43	483,039	386,111	1,168,758
Shingles, split	3	1,750	5	.....	.....	825	1,625	3,200
Shipbuilding	457	3,944,100	4,661	.....	.....	2,907,129	4,055,637	7,985,044
Shirts	195	3,732,694	1,133	12,453	205	2,730,571	6,410,261	11,014,820
Shoddy (see also Mixed textiles)	7	32,700	43	32	3	33,610	321,220	407,590
Show-cases	17	51,800	101	.....	1	58,873	80,850	181,580
Silk and silk goods (see also Mixed textiles)	151	4,696,775	2,405	5,459	1,769	2,590,025	5,331,804	10,170,140
Silversmithing	1	8,000	4	2	.....	1,700	4,000	7,000
Silverware (see also Plated and britannia ware)	23	1,186,600	713	31	101	574,314	775,154	1,663,280
Slaughtering and meat-packing, not including retail butchering establishments.	128	4,543,625	1,688	.....	22	1,020,790	40,149,850	43,096,138
Soap and candles	97	4,462,775	937	131	129	494,903	4,889,625	6,574,939
Soda-water apparatus	2	165,000	72	12	1	68,900	215,400	466,263
Spectacles and eyeglasses	30	264,750	362	30	56	191,918	152,769	500,583
Sporting goods	36	733,750	259	298	49	201,102	263,619	682,043
Springs, steel, car, and carriage	9	360,000	178	.....	5	64,821	424,958	548,300
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	16	1,070,340	1,068	141	128	489,259	1,147,721	1,945,009
Starch	60	2,260,750	1,270	174	25	480,574	2,045,148	3,928,102
Stationery goods	35	2,208,725	1,160	915	120	839,931	2,596,013	4,281,877
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	23	832,000	549	.....	6	336,393	951,871	1,488,678
Stencils and brands	7	17,600	3	2	.....	1,704	3,787	13,930
Stereotyping and electrotyping (see also Type founding)	9	111,350	133	25	8	62,624	52,710	153,965
Stone- and earthen-ware	53	703,500	649	142	36	319,336	241,385	788,694
Straw goods	4	183,000	49	290	23	72,734	145,858	264,692
Sugar and molasses, refined	17	13,726,000	2,626	.....	13	1,218,212	67,273,614	71,237,051
Surgical appliances (see also Artificial limbs)	20	77,767	47	20	7	27,357	63,379	182,216
Taxidermy	4	3,200	4	.....	1	2,200	600	6,600
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	25	333,558	413	31	10	278,801	321,066	798,939
Tinware, copperware, and sheet-iron ware (see also Coppersmithing; Stamped ware).	1,190	4,756,079	4,707	280	309	2,151,397	5,217,864	9,858,768
Tinfoil	2	580,000	75	50	13	90,694	167,867	360,349
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	45	3,236,830	1,343	1,519	232	1,103,435	5,337,075	8,907,737
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	1,683	8,274,917	13,098	5,039	995	7,671,831	11,942,043	24,767,504
Tools (see also Cutlery and edge tools; Hardware)	5	270,650	256	.....	15	114,870	99,520	320,200
Toys and games	31	418,225	388	405	125	207,247	259,552	641,369
Trunks and valises	51	433,950	458	52	39	255,730	598,830	1,080,910
Type founding (see also Stereotyping and electrotyping)	22	798,500	426	111	56	336,056	232,950	822,257
Umbrellas and canes	75	1,021,450	551	796	19	528,505	2,450,455	3,509,367

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NEW YORK, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Upholstering (see also Furniture)	226	$1,380,072	876	392	88	$542,931	$2,025,055	$3,240,138
Upholstering materials	10	57,200	71	7	4	16,474	35,699	70,655
Varnish (see also Paints)	17	1,395,800	137	.....	6	91,638	1,028,705	1,867,155
Vault lights and ventilators	10	128,450	89	.....	.....	50,285	75,140	210,216
Vinegar	107	699,181	406	15	15	85,280	552,026	840,968
Washing-machines and clothes-wringers	4	69,600	34	3	10	21,100	31,150	84,460
Watch and clock materials	1	1,000	8	.....	.....	1,465	763	4,048
Watch and clock repairing	261	378,923	415	12	17	231,032	304,222	773,067
Watch cases	4	156,505	261	22	12	249,816	717,177	1,109,046
Whalebone and rattan	8	141,950	92	21	8	55,888	330,406	457,360
Wheelbarrows	11	117,300	99	.....	10	33,390	52,553	112,742
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	1,672	1,832,722	2,386	2	34	806,302	1,080,083	3,025,788
Whips	8	192,500	96	68	10	71,223	113,632	270,483
Windmills	1	60,000	15	.....	.....	7,000	20,000	40,000
Window blinds and shades	28	611,800	348	25	20	201,933	760,772	1,279,625
Wire	4	325,000	383	.....	11	176,666	435,038	735,418
Wirework	73	968,303	912	76	248	553,441	924,923	1,958,398
Wood preserving	1	20,000	12	.....	.....	7,717	42,700	61,110
Wood pulp	12	265,500	153	.....	2	43,300	48,100	229,200
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	182	982,170	1,323	29	95	671,906	1,000,380	2,168,511
Wooden ware	68	380,700	595	7	18	159,800	248,729	552,301
Woolen goods (see also Carpets, other than rag; Felt goods; Gloves and mittens; Mixed textiles; Wool hats; Worsted goods).	159	8,266,878	3,311	2,128	691	1,774,143	6,212,835	9,874,973
Wool hats (see also Woolen goods)	10	1,723,005	1,593	724	477	1,041,405	2,308,221	4,205,080
Worsted goods (see also Woolen goods)	6	1,679,157	477	874	356	385,952	1,348,376	2,321,990
Zinc	3	26,500	14	.....	.....	11,502	10,520	38,385

A—NORTH CAROLINA, BY TOTALS OF COUNTIES.

The State	3,802	$13,045,639	12,818	2,939	2,352	$2,740,768	$13,090,937	$20,095,037
COUNTIES.								
Alamance	58	724,766	197	384	112	93,622	422,489	709,196
Alexander	32	69,072	29	15	5	5,371	62,139	81,715
Alleghany	6	7,000	7	.....	.....	750	8,930	11,243
Anson	51	82,160	131	.....	6	17,750	126,095	169,353
Ashe	57	49,810	65	2	.....	9,801	82,576	109,231
Beaufort	28	99,550	146	.....	2	22,697	63,862	110,811
Bertie	28	54,565	91	.....	.....	10,609	60,085	91,830
Bladen	27	74,445	109	.....	1	21,285	85,435	159,280
Brunswick	21	36,500	51	.....	.....	12,100	23,590	74,420
Buncombe	58	156,095	119	14	12	24,615	127,897	198,886
Burke	35	61,485	80	.....	33	14,232	84,214	112,376
Cabarrus	74	155,579	186	52	40	44,009	213,561	313,624
Caldwell	49	98,025	94	31	7	16,072	89,055	126,190
Camden	4	15,000	.....	.....	.....	.....	25,380	27,965
Carteret	29	24,550	28	.....	4	2,340	25,570	31,146
Caswell	41	96,675	84	10	9	16,588	125,186	170,419
Catawba	77	168,865	193	61	64	34,510	193,251	282,604
Chatham	93	576,885	147	18	15	22,853	227,998	286,700
Cherokee	21	20,420	40	.....	.....	4,705	23,722	37,071
Chowan	8	22,300	21	.....	5	3,950	13,611	22,206
Clay	4	4,500	4	.....	.....	625	15,297	16,732
Cleaveland	52	133,200	127	45	23	25,700	172,575	202,128
Columbus	29	48,815	194	5	.....	27,950	103,467	225,210
Craven	40	186,000	225	16	40	66,864	200,110	322,519
Cumberland	81	460,750	494	170	90	120,348	353,701	612,461
Currituck (a)	.....	.....	.....	.....	.....	.....	.....	.....
Dare	1	500	5	.....	.....	2,500	3,000	6,000
Davidson	92	161,230	204	23	18	42,937	336,878	452,668
Davie	60	80,552	98	24	22	14,937	108,188	150,965
Duplin	48	70,150	101	1	.....	11,868	99,003	149,618
Edgecombe	41	162,525	162	.....	16	26,296	99,166	162,050
Forsyth	96	708,850	650	396	388	199,509	734,840	1,104,749
Franklin	46	111,825	113	9	17	18,895	90,689	134,112
Gaston	87	635,965	102	146	115	72,245	579,014	844,308
Gates	3	3,800	9	.....	.....	732	18,092	19,850
Graham (a)	.....	.....	.....	.....	.....	.....	.....	.....
Granville	97	147,800	241	21	31	35,240	246,761	354,172
Greene	20	43,450	80	.....	1	8,595	35,710	61,900
Guilford	98	438,800	296	45	33	72,305	350,383	498,526
Halifax	22	58,725	83	.....	4	12,270	71,660	99,020
Harnett	23	42,950	38	.....	4	4,765	32,075	52,202
Haywood	20	30,160	24	.....	.....	3,540	43,759	52,868
Henderson	30	18,925	42	1	.....	4,689	29,885	48,074
Hertford	12	39,400	88	.....	.....	14,432	63,353	97,550
Hyde	6	12,300	22	.....	.....	3,490	10,940	19,020
Iredell	78	157,920	103	26	8	17,698	200,004	256,429
Jackson	11	14,900	19	.....	.....	1,918	25,597	31,677
Johnston	48	109,550	129	.....	8	20,044	105,011	156,264
Jones	9	12,200	17	.....	.....	768	26,535	31,040
Lenoir	15	57,120	70	.....	8	12,518	82,597	117,445

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—NORTH CAROLINA, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Lincoln	61	$286,355	134	46	12	$36,783	$240,589	$339,726
McDowell	22	41,300	50	3	1	8,208	40,204	58,036
Macon	11	15,240	11	.....	.....	1,675	26,458	32,990
Madison	7	17,500	13	.....	.....	1,692	19,045	24,992
Martin	14	53,100	61	.....	6	8,921	107,387	137,113
Mecklenburg	75	218,925	267	10	19	66,608	202,791	349,846
Mitchell	21	169,200	56	1	.....	6,393	43,785	67,850
Montgomery	51	95,025	102	.....	3	11,323	95,295	129,724
Moore	123	225,110	669	3	.....	115,459	278,463	522,362
Nash	31	263,875	125	45	44	25,933	119,950	178,038
New Hanover	60	987,975	782	88	75	277,400	1,087,419	1,799,602
Northampton	28	55,050	66	.....	1	7,552	55,566	76,870
Onslow	23	17,075	62	.....	2	4,990	33,660	45,089
Orange	96	823,000	635	219	277	129,560	725,972	1,236,984
Pamlico	11	16,775	38	.....	.....	5,379	21,300	32,701
Pasquotank	16	67,600	88	.....	1	23,795	75,920	124,310
Pender	6	6,750	13	.....	.....	1,200	18,265	24,200
Perquimans	18	43,850	42	.....	6	10,492	36,192	56,361
Person	42	138,400	120	19	63	16,367	116,821	160,895
Pitt	28	52,400	84	.....	2	9,844	61,831	85,781
Polk	4	5,800	16	.....	.....	1,471	9,025	12,950
Randolph	98	487,665	301	376	151	111,009	617,053	894,462
Richmond	31	208,000	138	61	31	36,594	143,707	232,854
Robeson	118	175,175	690	119	62	90,748	280,965	526,941
Rockingham	67	404,905	368	188	187	81,099	325,103	503,596
Rowan	71	148,165	177	42	38	32,077	214,384	293,949
Rutherford	35	56,850	69	.....	.....	13,204	70,720	95,093
Sampson	48	85,925	132	.....	.....	21,178	176,577	238,515
Stanley	25	60,200	47	.....	3	4,080	84,741	95,520
Stokes	69	95,102	126	50	52	16,506	165,875	213,804
Surry	65	218,050	144	118	76	33,084	183,419	262,705
Swain (a)	.....	.....	.....	.....	.....	.....	.....	.....
Transylvania	10	10,000	10	.....	.....	2,170	22,469	28,539
Tyrrell	5	13,130	15	.....	.....	751	3,742	5,617
Union	45	57,680	127	.....	10	18,182	101,674	143,045
Wake	137	364,198	763	36	62	174,394	352,960	712,735
Warren	37	97,400	84	.....	.....	10,026	135,825	162,566
Washington	10	23,600	33	.....	.....	5,499	41,093	56,906
Watauga	25	23,550	21	.....	.....	2,807	28,545	38,346
Wayne	61	177,010	280	.....	12	60,456	201,168	335,323
Wilkes	32	35,500	29	.....	.....	3,462	48,922	58,926
Wilson	30	77,100	119	.....	7	22,450	70,429	120,039
Yadkin	50	51,640	39	.....	11	5,674	55,727	77,262
Yancey	19	18,940	18	.....	1	2,176	27,155	35,642

a Returned as having no manufactures.

B—NORTH CAROLINA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	3,802	$13,045,639	12,818	2,939	2,352	$2,740,768	$13,090,937	$20,095,037
Agricultural implements	34	132,800	199	.....	3	48,550	62,380	178,449
Blacksmithing (see also Wheelwrighting)	186	61,070	242	.....	12	45,139	65,963	192,507
Bookbinding and blank-book making	1	1,500	4	4	.....	2,000	1,000	4,500
Boots and shoes, including custom work and repairing	95	71,915	227	6	21	51,262	114,377	237,849
Boxes, wooden, packing	2	1,200	4	.....	.....	400	800	1,700
Bread and other bakery products	1	1,000	3	.....	.....	600	1,500	2,500
Brick and tile	66	54,390	433	3	178	49,928	34,657	150,874
Carpentering	27	70,660	293	1	8	75,010	101,720	221,970
Carriage and wagon materials	4	46,100	95	.....	.....	27,800	19,700	57,800
Carriages and wagons (see also Wheelwrighting)	47	202,650	376	.....	4	107,731	139,300	334,900
Cheese and butter (factory)	2	900	.....	.....	.....	.....	152	250
Clothing, men's	3	1,560	3	6	.....	1,016	3,500	7,500
Coffins, burial cases, and undertakers' goods	6	7,500	7	.....	1	1,764	3,970	9,600
Confectionery	5	13,750	34	7	2	4,502	17,608	29,345
Cotton goods	49	2,855,800	764	1,727	741	439,659	1,463,645	2,554,482
Cooperage	55	22,620	177	.....	.....	32,736	32,450	85,655
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	3	12,650	18	.....	.....	6,000	9,200	22,400
Cutlery and edge tools	1	1,000	9	.....	.....	2,000	5,000	10,000
Fertilizers	1	350,000	100	.....	25	40,000	150,000	300,000
Flouring- and grist-mill products	1,313	3,218,053	1,844	.....	.....	237,777	5,722,603	6,462,806
Foundery and machine-shop products	29	189,200	260	.....	4	77,878	105,340	238,550
Fruits and vegetables, canned and preserved	2	650	3	1	1	275	500	1,700
Furniture (see also Mattresses and spring beds; Upholstering)	39	46,960	82	2	1	21,431	21,365	73,221
Furniture, chairs	3	2,300	4	2	.....	1,600	500	4,400
Hats and caps	1	500	2	.....	.....	200	200	800
Iron and steel	20	759,400	63	.....	.....	7,907	11,792	41,085
Leather, curried	97	66,731	85	.....	4	13,590	132,817	196,302
Leather, tanned	133	183,659	219	.....	1	37,846	222,068	367,920
Liquors, distilled	17	176,049	110	.....	.....	20,045	167,223	255,838
Liquors, vinous (see also Liquors, distilled)	1	5,000	3	.....	.....	400	150	4,000

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—NORTH CAROLINA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Lock- and gun-smithing	3	$690	2	.....	.....	$900	$250	$2,700
Looking-glass and picture frames	1	2,000	4	.....	.....	1,000	5,000	10,000
Lumber, planed (see also Sash, doors, and blinds)	4	25,000	26	.....	2	6,575	9,400	21,200
Lumber, sawed	776	1,743,217	2,938	.....	91	447,431	1,577,139	2,672,796
Marble and stone work	8	7,600	52	.....	1	9,668	9,798	27,010
Masonry, brick and stone	1	150	4	.....	.....	350	300	1,500
Mattresses and spring beds (see also Furniture)	2	1,600	8	7	.....	800	927	2,500
Musical instruments, organs and materials	1	1,000	5	.....	.....	3,000	5,000	10,000
Painting and paperhanging	5	2,340	12	1	1	4,456	4,200	11,950
Paints	1	4,000	1	.....	.....	500	1,760	3,600
Paper	4	120,500	47	29	4	20,860	88,200	145,000
Patent medicines and compounds	1	1,000	5	.....	.....	600	1,000	3,000
Plumbing and gasfitting	3	2,500	10	.....	.....	6,660	17,900	28,270
Printing and publishing	31	95,600	153	10	34	63,120	55,392	179,132
Rice cleaning and polishing	1	5,000	3	.....	1	700	8,610	10,607
Saddlery and harness	37	54,235	85	.....	10	22,457	53,517	108,583
Sash, doors, and blinds (see also Lumber, planed)	12	71,600	184	.....	9	55,593	66,024	179,120
Sewing machines and attachments	1	4,000	3	.....	.....	350	700	1,700
Shipbuilding	11	15,400	38	.....	.....	19,250	32,075	57,219
Silversmithing	1	50	.....	.....	.....	.....	25	500
Stone- and earthen-ware	2	1,600	2	.....	.....	100	600	1,650
Tar and turpentine, not including farm products	184	473,915	1,010	130	58	255,849	916,228	1,758,488
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	23	32,000	64	.....	3	19,520	39,450	77,706
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	118	1,512,900	1,544	949	1,090	362,859	1,252,830	2,215,154
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	8	13,500	37	3	2	12,628	21,725	46,200
Upholstering (see also Furniture)	3	1,400	3	1	.....	850	1,825	4,800
Watch and clock repairing	3	2,500	4	.....	.....	2,300	1,175	5,800
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	107	65,675	161	.....	5	34,145	47,700	136,729
Wooden ware	1	15,000	25	.....	20	10,000	5,000	20,000
Woolen goods	49	203,100	120	50	15	23,195	255,707	303,160

A—OHIO, BY TOTALS OF COUNTIES.

The State	20,699	$188,939,614	152,217	18,563	12,829	$62,103,800	$215,334,258	$348,298,300
COUNTIES.								
Adams	104	178,675	199	.....	13	44,035	236,695	360,500
Allen	104	929,675	1,046	43	37	318,887	809,197	1,523,007
Ashland	146	467,340	359	7	4	112,696	917,862	1,218,849
Ashtabula	363	1,174,305	1,167	66	41	293,697	1,403,573	2,276,385
Athens	92	544,292	477	2	3	197,797	408,358	715,334
Auglaize	228	797,351	654	30	10	213,517	920,586	1,479,393
Belmont	298	2,356,125	2,017	106	417	1,061,006	2,058,930	4,061,049
Brown	193	531,170	541	10	27	131,115	665,909	994,341
Butler	368	4,785,225	2,281	574	276	1,050,267	4,705,100	7,157,877
Carroll	47	118,075	69	.....	1	15,258	182,682	233,961
Champaign	148	630,635	763	14	12	219,480	833,727	1,369,747
Clarke	218	7,348,153	3,847	50	200	1,654,300	4,082,692	8,647,269
Clermont	179	405,530	404	68	25	138,374	528,577	876,947
Clinton	147	263,781	317	3	16	60,016	385,057	588,603
Columbiana	401	3,219,397	3,321	236	939	1,343,201	3,042,005	5,459,490
Coshocton	210	444,975	414	15	2	115,827	663,400	968,563
Crawford	150	700,611	599	64	8	190,207	785,290	1,265,114
Cuyahoga	1,270	20,699,299	18,880	2,306	1,450	8,826,542	33,076,644	50,910,564
Darke	173	354,835	584	2	35	147,709	660,950	1,055,526
Defiance	144	1,025,300	966	17	66	324,109	797,780	1,444,343
Delaware	103	593,600	506	59	35	166,810	667,336	1,034,229
Erie	144	2,312,050	1,757	11	101	610,928	1,545,949	2,757,086
Fairfield	150	671,860	629	96	12	210,125	782,053	1,242,845
Fayette	74	124,625	229	5	13	51,071	200,469	329,212
Franklin	433	5,874,115	5,547	301	289	2,103,333	6,164,482	10,609,044
Fulton	151	340,860	397	14	10	98,404	502,043	752,365
Gallia	101	544,364	378	1	37	99,234	730,870	1,022,054
Geauga	141	298,900	266	23	2	61,758	458,326	662,547
Greene	197	946,910	628	46	19	202,133	1,638,971	2,187,809
Guernsey	85	224,360	216	4	3	48,849	362,551	503,366
Hamilton	3,494	52,689,910	40,204	10,586	5,263	20,017,718	64,330,300	108,333,757
Hancock	163	554,445	523	21	48	153,757	586,153	1,088,706
Hardin	140	683,885	540	19	41	164,464	620,810	995,462
Harrison	130	225,850	242	13	10	71,166	534,125	730,968
Henry	113	441,195	420	14	66	104,049	503,101	811,892
Highland	149	404,392	370	7	13	91,395	688,743	955,078
Hocking	54	2,040,415	1,095	2	12	182,351	500,561	768,798
Holmes	130	287,255	221	7	3	53,556	482,920	585,938
Huron	169	634,558	630	16	50	219,893	1,456,071	1,955,714
Jackson	65	1,982,975	1,631	6	91	573,534	836,350	1,244,877
Jefferson	229	2,079,016	1,574	105	161	702,134	2,013,213	2,945,230
Knox	175	861,150	803	28	18	252,873	795,747	1,423,259
Lake	94	370,150	408	6	13	113,501	436,619	722,301
Lawrence	81	4,236,050	3,511	1	250	1,113,617	1,728,122	2,871,246
Licking	205	480,599	557	29	17	157,288	483,185	878,753

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—OHIO, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Logan	163	$441,510	397	42	21	$139,193	$861,334	$1,222,415
Lorain	224	908,425	915	43	68	279,159	1,141,494	1,881,837
Lucas	510	6,045,280	5,339	1,045	695	2,343,987	6,924,629	11,402,919
Madison	87	111,553	171	7	2	42,120	128,098	227,399
Mahoning	320	4,871,691	3,779	33	145	1,702,668	7,310,390	9,847,238
Marion	113	381,060	365	1	11	110,191	459,794	716,440
Medina	191	485,000	511	46	23	123,480	586,579	891,533
Meigs	149	1,122,010	967	20	33	213,624	724,041	1,183,861
Mercer	90	213,237	318	3	24	51,806	280,207	430,296
Miami	190	1,363,666	1,068	65	42	372,717	1,877,043	2,339,868
Monroe	162	316,125	236	4	7	36,813	367,485	496,600
Montgomery	656	6,902,989	5,674	536	482	2,480,374	7,229,531	13,226,760
Morgan	101	339,943	335	41	36	104,711	555,910	798,303
Morrow	133	248,610	305	16	6	75,391	351,023	553,656
Muskingum	377	2,943,057	2,615	238	182	1,006,543	3,594,359	5,660,465
Noble	105	149,185	141	.....	11	20,921	281,357	371,884
Ottawa	78	783,640	479	10	73	135,778	721,824	1,109,115
Paulding	51	317,200	339	.....	25	67,735	231,890	341,001
Perry	120	1,095,620	909	2	28	270,185	730,006	1,085,227
Pickaway	148	594,475	519	27	26	132,356	702,499	1,023,511
Pike	46	634,264	130	3	6	25,646	188,040	294,492
Portage	225	808,175	821	50	53	277,977	949,086	1,537,489
Preble	185	357,855	427	36	21	100,107	589,812	880,019
Putnam	110	350,050	413	4	35	86,251	404,993	620,882
Richland	297	2,794,321	1,414	69	62	529,978	2,286,071	3,850,656
Ross	196	810,529	644	16	11	222,075	923,733	1,491,728
Sandusky	189	1,068,985	1,179	44	62	408,529	1,676,094	2,583,316
Scioto	230	2,408,005	2,314	460	157	817,772	1,897,319	2,961,973
Seneca	240	1,066,857	1,045	51	16	298,003	1,020,618	1,720,094
Shelby	104	497,504	588	.....	35	137,167	675,178	1,029,079
Stark	462	5,621,960	3,590	72	56	1,311,035	4,265,733	7,986,627
Summit	365	6,317,621	3,508	139	258	1,622,609	6,541,515	10,484,576
Trumbull	299	2,294,760	2,298	43	151	844,793	3,245,892	4,822,084
Tuscarawas	302	1,545,984	984	39	27	244,953	1,824,290	2,461,791
Union	82	220,160	291	7	9	56,073	261,787	397,517
Van Wert	92	599,463	690	6	52	179,911	639,298	1,054,417
Vinton	51	793,660	100	1	3	20,692	186,029	240,105
Warren	160	684,744	571	92	60	132,738	601,201	971,881
Washington	181	811,573	869	108	72	250,025	1,121,608	1,678,583
Wayne	254	1,002,170	856	17	31	274,644	1,491,907	2,232,883
Williams	173	583,635	556	7	6	136,149	626,831	961,067
Wood	282	693,375	785	15	126	185,683	868,315	1,337,406
Wyandot	163	452,450	545	12	12	139,327	558,217	854,689

B—OHIO, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	20,699	$188,939,614	152,217	18,563	12,829	$62,103,800	$215,334,258	$348,298,390
Agricultural implements	156	16,111,576	7,281	13	242	2,981,065	7,243,326	15,479,825
Artificial limbs (see also Surgical appliances)	4	3,850	11	.....	1	4,904	3,655	14,225
Awnings and tents	15	23,250	44	55	4	29,004	73,910	134,662
Axle-grease	3	102,700	9	.....	.....	3,269	38,665	57,148
Bagging, flax, hemp, and jute	4	167,500	128	96	48	49,000	152,600	237,600
Bags, other than paper	2	25,000	13	9	6	9,000	65,000	99,000
Bags, paper	8	157,000	67	167	28	60,445	573,872	739,808
Baking and yeast powders (see also Drugs and chemicals)	10	51,150	43	.....	4	16,010	131,197	241,125
Baskets, rattan and willow ware	25	75,775	119	6	27	43,975	65,110	139,560
Bells	1	17,000	20	.....	.....	6,000	9,000	21,000
Belting and hose, leather	7	64,700	35	.....	1	18,329	96,107	136,554
Belting and hose, rubber	1	65,000	102	.....	18	21,721	200,000	235,000
Billiard tables and materials	4	83,300	46	.....	.....	30,550	185,080	249,080
Blacking	3	5,400	2	.....	.....	600	1,613	3,722
Blacksmithing (see also Wheelwrighting)	2,175	1,344,232	2,527	1	28	736,553	974,710	3,038,310
Bookbinding and blank-book making	51	361,510	314	267	46	238,305	333,107	851,206
Boots and shoes, including custom work and repairing	1,729	2,285,927	4,535	731	308	1,826,524	3,684,621	7,055,003
Boot and shoe findings	5	28,000	9	2	.....	4,366	63,200	91,000
Boot and shoe uppers	6	24,400	29	24	4	17,488	42,350	72,820
Boxes, cigar	20	39,150	71	66	41	47,260	102,130	197,620
Boxes, fancy and paper	13	44,711	44	53	14	37,081	47,743	105,087
Boxes, wooden, packing	35	138,758	257	24	23	76,434	129,785	265,262
Brass castings	28	289,777	356	.....	35	164,019	430,162	806,736
Bread and other bakery products	497	1,060,131	1,225	155	121	526,678	2,440,001	3,805,506
Brick and tile (see also Drain and sewer pipe; Terra-cotta ware)	825	2,723,528	5,527	17	583	1,114,133	1,185,794	3,481,291
Bridges	10	700,500	955	.....	14	364,233	859,748	1,660,563
Brooms and brushes	84	232,087	514	165	232	161,729	277,021	583,640
Calcium lights	1	500	1	.....	.....	700	1,200	3,000
Carpentering	623	1,053,180	3,014	42	57	1,124,499	2,543,753	4,815,589
Carpets, rag	75	12,947	56	8	6	18,841	33,486	92,202

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—OHIO, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Carpets, wood	1	$14,000	14	.....	.....	$5,500	$12,300	$25,000
Carriage and wagon materials	63	2,239,265	1,997	4	72	730,565	1,039,737	2,652,823
Carriages and sleds, children's	5	46,000	105	13	32	33,165	63,717	143,942
Carriages and wagons (see also Wheelwrighting)	325	4,234,481	6,387	92	601	2,610,268	5,410,656	10,043,404
Cars, railroad, street, and repairs	10	1,264,000	1,512	.....	27	675,806	2,133,288	3,429,996
Cement	2	17,000	22	3	4	9,040	8,500	21,250
Cheese and butter (factory)	452	948,702	701	104	14	102,985	1,985,050	2,756,793
Cigar molds	1	64,000	55	.....	.....	25,000	30,000	78,000
Cleansing and polishing preparations	1	25	.....	.....	1	30	200	500
Cloth finishing	2	600	2	2	1	850	500	2,800
Clothing, men's	647	8,651,094	6,026	7,659	733	4,136,382	12,043,020	20,008,308
Clothing, women's	25	249,902	52	1,153	49	275,875	756,902	1,280,654
Coffee and spices, roasted and ground	27	416,000	208	41	11	135,292	1,118,327	1,517,114
Coffins, burial cases, and undertakers' goods	37	1,043,650	738	141	107	376,843	667,880	1,489,026
Coke	15	144,012	150	.....	3	51,977	233,831	334,546
Combs	1	900	1	.....	.....	365	200	1,365
Confectionery	64	377,875	339	118	40	156,449	882,862	1,248,288
Cooperage	412	1,371,100	2,768	2	341	969,610	1,852,907	3,486,032
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	5	34,000	50	.....	2	25,054	57,740	102,536
Cordage and twine	10	35,100	53	7	25	23,105	38,950	76,410
Corsets	4	12,900	3	45	1	7,395	10,800	25,000
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	6	857,000	165	320	71	136,897	432,592	920,658
Cutlery and edge tools (see also Hardware; Tools)	28	916,900	538	8	23	246,487	321,759	790,000
Dentistry, mechanical	66	66,350	35	2	1	26,556	40,159	179,295
Dentists' materials	1	2,000	1	.....	.....	750	3,500	5,000
Drain and sewer pipe (see also Brick and tile; Terra-cotta ware)	5	89,500	57	.....	.....	22,230	13,700	93,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	46	839,500	366	6	10	119,219	618,145	1,082,420
Dyeing and cleaning	20	59,350	36	20	3	25,022	13,658	71,507
Dyeing and finishing textiles	7	58,300	27	13	3	20,401	78,400	144,295
Electric lights	1	200,000	150	.....	.....	80 000	100,000	300,000
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	6	83,900	32	8	6	15,310	80,900	174,180
Electroplating	12	38,610	107	2	5	37,037	26,865	102,090
Enameled goods	2	86,000	174	.....	.....	24,040	115,235	154,623
Engraving and die-sinking	15	12,150	27	8	10	17,774	7,494	41,721
Engraving, steel	3	1,300	3	.....	.....	1,600	1,100	5,000
Engraving, wood	6	3,300	15	.....	1	7,150	1,025	19,500
Envelopes	1	35,000	9	8	1	8,000	37,000	65,000
Explosives and fireworks	4	160,350	71	28	23	42,100	403,341	608,368
Fancy articles	6	28,500	40	49	109	39,410	61,248	188,605
Fertilizers	14	593,900	214	.....	1	67,530	325,120	531,549
Files (see also Saws)	11	33,850	87	.....	18	40,630	26,675	94,700
Flags and banners	1	2,000	2	1	.....	1,000	500	2,000
Flavoring extracts	4	10,800	10	1	2	3,980	9,300	17,800
Flax, dressed	15	36,350	106	1	26	21,750	35,907	70,834
Flouring- and grist-mill products	1,380	12,328,847	3,874	.....	1	1,221,494	34,157,024	38,950,264
Food preparations (see page 39)	17	75,050	143	39	55	27,439	133,331	100,508
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	419	12,770,649	11,857	9	378	5,105,596	8,407,972	18,242,325
Foundery supplies	3	35,500	26	.....	1	9,960	78,300	115,350
Fruits and vegetables, canned and preserved	20	302,880	283	631	174	102,935	651,602	885,105
Furnishing goods, men's	5	21,400	13	31	6	9,950	68,050	91,400
Furniture (see also Mattresses and spring beds; Upholstering)	412	4,417,076	4,929	176	566	2,086,243	2,694,602	6,365,027
Furniture, chairs	37	497,026	782	219	155	321,918	274,472	821,702
Furs, dressed	2	52,000	12	35	.....	21,000	87,000	123,000
Gas and lamp fixtures	2	12,800	7	.....	.....	2,550	4,400	9,200
Gas machines and meters	6	121,000	76	.....	1	41,998	77,100	139,670
Glass	20	1,194,850	1,170	81	437	644,520	459,333	1,549,320
Glass, cut, stained, and ornamented	3	5,650	14	.....	.....	8,700	3,525	23,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	3	1,100	4	1	.....	1,400	3,500	7,000
Glue	8	206,600	57	.....	26	22,934	40,667	157,700
Gold and silver leaf and foil	2	3,800	9	7	.....	4,700	12,000	21,100
Grease and tallow	8	46,550	35	.....	1	18,666	188,200	232,100
Grindstones	5	37,000	45	.....	.....	9,050	7,380	31,900
Gunpowder	3	550,000	113	.....	.....	55,000	280,000	401,073
Hairwork	33	51,465	18	60	1	18,543	32,120	82,245
Hand-knit goods	2	700	.....	6	.....	760	2,500	6,000
Hand-stamps	6	8,400	15	1	.....	4,200	9,800	27,000
Handles, wooden	45	427,550	479	8	13	156,081	243,606	531,167
Hardware (see also Cutlery and edge tools; Tools)	39	1,357,100	1,105	11	93	407,894	744,963	1,592,827
Hardware, saddlery	3	178,000	338	12	30	93,120	275,000	440,000
Hats and caps, not including wool hats	16	28,500	45	141	4	35,425	53,376	119,610
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	23	187,000	53	574	118	94,858	241,583	418,825
Housefurnishing goods	2	10,500	21	.....	1	3,300	5,900	13,000
Ink	5	46,500	16	7	8	11,645	65,700	108,800
Instruments, professional and scientific	10	36,700	40	2	2	18,957	13,298	53,049
Iron and steel	134	25,141,294	18,885	.....	1,186	8,265,070	23,997,915	34,018,360
Iron bolts, nuts, washers, and rivets	8	522,500	571	25	5	260,423	727,926	1,310,711
Iron forgings	4	310,000	263	.....	.....	106,500	363,000	590,000
Iron nails and spikes, cut and wrought	1	75,000	30	8	2	16,970	30,000	49,000
Iron pipe, wrought	1	10,000	30	.....	5	18,000	114,550	150,000
Iron railing, wrought	18	201,050	128	.....	22	51,980	130,419	223,786
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	18	195,350	291	.....	1	102,087	305,115	549,567
Jewelry	23	168,250	225	25	49	149,836	158,785	470,500
Jewelry and instrument cases	1	500	2	.....	.....	500	500	1,340
Kaolin and ground earths	9	76,500	37	.....	.....	14,196	24,112	49,046
Kindling wood	2	2,100	12	.....	.....	2,880	3,500	7,720

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—OHIO, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Labels and tags	3	$28,000	19	10	.....	$8,400	$12,170	$27,750
Lamps and reflectors	7	309,500	257	27	30	100,247	261,400	432,000
Lapidary work	1	300	.....	.....	.....	.....	200	600
Lasts	2	42,000	41	8	1	15,100	11,100	35,300
Lead, bar, pipe, sheet, and shot	3	61,000	21	.....	.....	9,700	119,000	208,000
Leather, curried	251	1,089,075	563	5	4	234,209	3,141,024	3,886,627
Leather, dressed skins	3	21,000	24	.....	.....	9,250	77,000	98,000
Leather, tanned	302	2,022,990	912	1	14	373,595	3,247,592	4,357,273
Lightning rods	3	40,000	13	.....	.....	6,950	96,000	144,500
Lime	53	352,456	386	.....	19	121,251	171,633	481,328
Lithographing (see also Printing and publishing)	13	423,100	422	36	44	255,663	407,617	856,744
Liquors, distilled	37	4,813,185	976	5	11	406,197	4,533,049	6,692,736
Liquors, malt	163	8,178,545	2,692	2	12	1,184,325	5,110,587	9,125,014
Liquors, vinous (see also Liquors, distilled)	21	747,500	133	23	9	54,990	583,700	773,110
Lock- and gun-smithing	27	34,345	26	.....	4	10,184	10,085	47,017
Looking-glass and picture frames	39	613,700	590	3	69	239,403	408,573	788,919
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	148	1,728,551	1,532	1	29	605,926	1,773,590	2,901,567
Lumber, sawed	2,352	7,944,412	8,769	.....	548	1,708,300	8,896,106	13,864,460
Malt	29	1,402,931	247	7	2	125,287	1,391,584	1,756,551
Mantels, slate, marble, and marbleized	6	241,000	210	.....	17	96,722	137,740	311,330
Marble and stone work	246	1,127,930	1,564	6	70	633,312	904,069	2,240,160
Masonry, brick and stone	102	220,270	850	.....	14	325,121	479,113	1,022,409
Matches	1	300,000	102	46	80	68,686	600,000	935,529
Mattresses and spring beds (see also Furniture)	22	98,890	84	19	15	34,943	128,285	223,860
Millinery and lace goods	22	81,450	25	259	11	77,486	162,852	320,091
Millstones	2	18,000	21	.....	3	7,651	18,808	38,000
Mineral and soda waters	34	132,200	151	2	19	47,387	79,412	210,792
Mirrors	1	800	2	.....	.....	1,200	5,000	10,000
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	5	20,200	20	45	10	14,650	28,320	80,970
Models and patterns	21	19,450	42	8	4	19,893	9,615	51,396
Musical instruments and materials (not specified)	7	12,300	17	.....	.....	6,875	4,925	19,625
Musical instruments, organs and materials	6	86,000	105	.....	26	53,300	58,200	132,315
Musical instruments, pianos and materials	1	15,000	20	.....	.....	6,000	3,000	15,000
Oil, castor	1	3,500	4	.....	1	350	800	2,000
Oil, cottonseed and cake	1	150,000	45	.....	10	7,450	400,000	435,000
Oil, illuminating, not including petroleum refining	1	5,000	2	.....	.....	900	50,000	55,000
Oil, lard	9	472,500	166	.....	2	42,772	1,035,636	1,141,835
Oil, linseed	21	1,123,550	299	.....	.....	143,454	1,903,103	2,381,934
Oil, lubricating	16	786,925	164	.....	4	78,692	1,031,112	1,431,039
Oleomargarine	1	300,000	20	.....	.....	8,000	108,000	250,000
Painting and paperhanging	261	221,411	935	10	10	334,129	357,869	906,572
Paints (see also Varnish)	15	447,000	232	12	15	123,164	835,734	1,263,980
Paperhangings	1	3,500	1	.....	.....	500	2,000	3,000
Paper (see also Envelopes; Wood pulp)	60	4,804,274	1,684	527	97	889,231	3,024,068	5,108,194
Patent medicines and compounds (see also Drugs and chemicals)	61	570,600	157	18	14	78,005	406,804	668,141
Paving materials	1	55,000	50	.....	.....	4,000	9,000	15,000
Pens, gold	1	55,000	55	5	.....	25,000	15,000	65,000
Perfumery and cosmetics	2	10,300	8	2	.....	3,120	5,400	10,800
Photographing	101	147,500	178	38	11	92,407	92,371	332,081
Pickles, preserves, and sauces	4	38,000	62	12	.....	17,200	95,400	135,000
Pipes, tobacco	1	25,000	40	.....	.....	12,000	18,000	50,000
Plumbing and gasfitting	104	324,868	459	6	29	191,947	457,901	850,516
Pocket-books	1	1,200	4	.....	.....	2,130	1,500	6,000
Printing and publishing (see also Lithographing)	237	4,638,535	3,461	543	976	2,067,593	2,382,305	6,579,565
Printing materials	1	3,200	1	.....	.....	468	7,500	13,000
Pumps, not including steam pumps	66	313,875	300	.....	3	114,826	184,650	384,561
Refrigerators	6	84,100	81	.....	2	26,803	30,484	89,540
Regalia and society banners and emblems	6	118,200	37	136	27	70,550	150,031	289,414
Roofing and roofing materials	46	333,300	336	2	3	133,276	592,944	900,141
Rubber and elastic goods	4	107,600	59	18	2	30,867	233,232	305,494
Rules, ivory and wood	1	2,000	8	.....	.....	3,000	5,000	10,800
Saddlery and harness	743	1,271,869	1,877	25	65	671,124	1,487,019	3,179,418
Safes, doors, and vaults, fire-proof	5	964,000	1,125	.....	12	587,428	580,000	1,635,000
Salt	25	832,600	449	2	2	105,261	202,543	363,791
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	102	2,147,537	2,146	1	164	883,910	2,429,480	4,043,844
Saws	11	272,750	190	.....	14	75,118	129,573	281,807
Scales and balances	4	22,200	22	.....	2	9,350	6,300	30,000
Screws	2	550,000	140	.....	.....	72,124	202,441	307,170
Sewing-machine cases	5	36,000	275	.....	22	108,600	126,000	255,600
Sewing machines and attachments	12	358,100	640	9	143	389,805	774,281	1,370,025
Shingles, split	1	600	2	.....	.....	250	475	725
Shipbuilding	54	423,050	773	.....	.....	414,360	985,960	1,552,210
Shirts	35	220,300	84	516	7	139,224	335,637	575,422
Shoddy (see also Mixed textiles)	1	250,000	30	216	.....	40,000	575,000	700,000
Show-cases	6	38,200	118	.....	21	60,316	83,019	171,637
Silk and silk goods (see also Mixed textiles)	6	24,700	21	73	41	12,550	19,495	53,110
Silversmithing	3	725	4	.....	.....	1,000	500	3,850
Slaughtering and meat-packing, not including retail butchering establishments.	93	5,487,682	1,950	.....	74	633,044	17,173,446	19,231,297
Smelting and refining (base scrap metal, not from the ore)	1	10,000	5	.....	.....	1,500	26,000	30,000
Soap and candles	27	422,650	229	39	16	78,245	852,483	1,028,778

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—OHIO, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Spectacles and eyeglasses	3	$1,125	2			$460	$500	$2,500
Springs, steel, car, and carriage	5	240,000	285			128,784	269,325	477,905
Starch	5	1,400,000	505	60	40	179,030	1,099,292	1,754,710
Stationery goods	3	27,400	21	4	7	5,700	14,400	26,000
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	4	5,500	19		2	7,800	5,000	21,000
Stencils and brands	10	17,650	32		8	19,849	7,550	42,020
Stereotyping and electrotyping (see also Type founding)	7	16,050	28		3	17,745	9,860	38,348
Stone- and earthen-ware	179	1,675,055	2,042	226	391	894,322	628,273	2,100,474
Surgical appliances (see also Artificial limbs)	8	37,600	22	26		16,117	23,635	77,197
Taxidermy	1	250					100	1,000
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	3	3,400	13			4,563	7,100	16,000
Terra-cotta ware (see also Brick and tile; Drain and sewer pipe)	1	50,000	70		30	30,000	16,000	80,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	704	1,456,313	1,826	10	87	699,108	1,026,346	3,230,208
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	26	1,332,345	734	456	367	393,083	3,198,026	4,378,302
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	652	1,341,070	3,589	552	571	1,495,859	2,004,439	5,018,638
Tools (see also Cutlery and edge tools; Hardware)	10	207,250	273	3	8	115,804	87,500	328,550
Toys and games	1	700	1			468	1,000	1,800
Trunks and valises	26	180,500	357	25	28	110,513	221,535	450,481
Type founding (see also Stereotyping and electrotyping)	2	329,990	189	57	21	125,360	63,700	226,889
Umbrellas and canes	14	26,550	18	14	7	12,875	39,770	73,550
Upholstering (see also Furniture)	38	211,125	183	26	55	76,480	278,338	438,940
Upholstering materials	7	39,200	31		1	8,500	24,375	45,500
Varnish (see also Paints)	12	635,000	90			54,770	779,247	1,042,835
Veneering	1	211,000	50		16	23,900	125,332	229,205
Vinegar	21	153,775	79		1	26,238	115,482	235,288
Washing-machines and clothes-wringers	8	18,279	26			9,702	29,969	60,600
Watch and clock repairing	85	152,195	140	12	13	65,484	47,127	216,916
Watches	1	2,000	2			2,500	10,000	18,000
Wheelbarrows	4	12,700	39		7	10,800	15,200	34,600
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	946	1,178,790	1,818	1	24	552,808	637,463	1,831,955
Whips	1	10,000	6		2	7,000	20,000	30,000
Windmills	1	400	1			275	500	1,000
Window blinds and shades	16	39,600	45	12	1	17,169	83,400	141,099
Wire	3	527,471	1,298		257	60,230	1,251,000	1,805,000
Wirework	22	235,725	295	3	62	83,035	339,380	561,600
Wood pulp	1	2,000	5			1,500	1,000	5,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	51	148,120	250	23	19	100,357	138,185	355,177
Wooden ware	28	353,364	434	16	129	179,890	379,623	714,432
Woolen goods (see also Gloves and mittens; Mixed textiles; Worsted goods).	122	1,316,340	722	413	189	256,214	1,084,323	1,078,189
Worsted goods (see also Woolen goods)	1	67,000	51	32	25	23,400	69,606	101,250

A—OREGON, BY TOTALS OF COUNTIES.

The State	1,080	$6,312,056	3,280	96	97	$1,667,046	$6,954,436	$10,931,232
COUNTIES.								
Baker	26	83,150	33			15,450	67,917	119,883
Benton	52	174,100	69			25,983	124,340	209,462
Clackamas	59	787,475	482	20	11	156,027	816,625	1,251,601
Clatsop	28	131,900	73			38,780	166,151	266,087
Columbia	8	72,800	28			11,540	90,236	135,755
Coos	30	211,000	77	1	1	30,606	183,997	277,766
Curry (a)								
Douglas	67	277,125	109			32,945	232,928	384,820
Grant	19	53,800	30			9,222	61,680	97,701
Jackson	37	219,800	91	8	1	53,280	181,877	206,721
Josephine	13	25,150	10			2,475	20,575	34,413
Lake	29	57,850	32			9,384	43,210	80,640
Lane	49	227,650	68	2	10	29,112	240,590	336,570
Linn	118	485,526	217	8	10	98,297	617,061	976,721
Marion	111	608,330	290	6	4	147,945	1,095,920	1,424,079
Multnomah	162	1,958,025	1,050	48	50	700,878	1,567,246	2,867,271
Polk	49	138,650	96		2	30,295	193,470	288,231
Tillamook	3	15,900	4			1,790	5,100	10,300
Umatilla	26	180,500	60			32,841	281,253	374,465
Union	48	172,925	80	1		31,654	151,574	251,973
Wasco	45	150,850	217		2	154,314	404,227	657,396
Washington	30	104,900	84	2	5	25,073	162,445	223,845
Yam Hill	71	174,650	89		1	28,165	246,020	363,642

a Returned as having no manufactures.

B—OREGON, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,080	$6,312,056	3,280	96	97	$1,667,046	$6,954,436	$10,931,232
Agricultural implements	4	35,000	17		1	9,100	7,073	24,450
Awnings and tents	1	10,000	7			5,000	30,000	38,000
Baskets, rattan and willow ware	1	500	1			560	300	1,200
Blacksmithing (see also Wheelwrighting)	146	120,225	157		2	63,190	102,118	311,450
Boot and shoe uppers	2	10,500	17		2	10,250	6,500	20,000

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—OREGON, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Boots and shoes, including custom work and repairing	86	$75,405	88			$49,717	$111,991	$238,887
Boxes, wooden, packing	1	10,000	12			7,000	12,000	22,000
Brass castings	1	3,000	4			3,750	5,000	11,000
Bread and other bakery products	14	59,150	47	3	7	30,300	98,500	165,000
Brick and tile	23	55,496	184	1	2	43,814	19,197	104,240
Brooms and brushes	2	5,250	11			6,000	10,700	21,800
Carpentering	16	27,500	123			88,498	222,903	341,339
Carriages and wagons (see also Wheelwrighting)	9	48,800	49			30,100	46,650	105,000
Cheese and butter (factory)	24	192,650	32	6	1	6,170	20,293	43,216
Clothing, men's	22	45,230	45	13		29,151	57,900	115,404
Coffee and spices, roasted and ground	2	17,000	1	3		1,000	24,000	31,000
Coffins, burial cases, and undertakers' goods	5	18,425	3			1,200	7,450	12,950
Confectionery	4	26,700	13	1	1	10,050	33,500	50,700
Cooperage	12	42,100	62		1	17,352	32,200	92,712
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	4,000	1			100	500	900
Cutlery and edge tools	1	300	1			300	185	900
Dentistry, mechanical	3	3,200					1,000	4,800
Drugs and chemicals	2	30,800	5			2,800	8,000	18,000
Explosives and fireworks	1	500	1			100	500	2,000
Flouring- and grist-mill products	106	1,286,200	307			139,882	2,978,714	3,475,531
Foundery and machine-shop products	16	260,500	173		8	139,022	121,911	352,300
Fruits and vegetables, canned and preserved	2	19,150	25	3	10	3,000	8,150	12,688
Furniture (see also Mattresses and spring beds; Upholstering)	33	206,050	105	4	10	65,910	91,325	227,303
Furniture, chairs	3	11,000	14			4,100	3,705	11,500
Furs, dressed	1	5,000	4	6		2,640	3,100	7,000
Gloves and mittens (see also Woolen goods)	2	10,300	4	12		7,800	12,600	26,300
Hairwork	1	2,000	4			4,500	2,000	7,000
Iron and steel	1	100,000	247		3	46,822	33,073	78,303
Jewelry	2	11,000	1			900	3,000	10,000
Leather, curried	11	19,135	12			5,638	61,815	89,577
Leather, tanned	16	36,465	16		3	9,212	38,694	65,767
Lithographing (see also Printing and publishing)	1	17,500	10	1	2	7,500	25,000	55,000
Liquors, malt	23	287,500	57			24,961	92,409	167,681
Lock- and gun-smithing	6	5,750	4			2,450	2,100	11,300
Looking-glass and picture frames	3	8,600	5			2,950	11,700	18,200
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	11	62,000	63			37,040	43,500	120,500
Lumber, sawed	228	1,577,875	566		13	242,154	1,331,342	2,030,463
Marble and stone work	11	13,175	27			14,575	20,150	52,650
Matches	1	13,000	2	2		1,300	2,000	4,230
Mattresses and spring beds (see also Furniture)	2	2,750					250	1,100
Oil, linseed	2	37,000	14			4,550	31,817	42,967
Painting and paperhanging	3	1,100	4			2,550	2,750	10,700
Paper	1	12,000	18			8,888	20,360	43,100
Printing and publishing (see also Lithographing)	15	65,600	72	8	7	65,067	37,015	133,900
Pumps, not including steam pumps	2	4,200	6			3,600	2,900	10,000
Saddlery and harness	46	190,050	111		2	63,767	222,350	385,350
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	20	230,400	94			71,031	143,980	253,692
Shipbuilding	14	63,300	85			77,150	124,400	206,500
Slaughtering and meat-packing, not including retail butchering establishments.	9	56,800	37			17,120	205,517	204,712
Soap and candles	1	50	2			500	1,000	2,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	46	233,150	94		1	64,006	151,475	311,650
Tobacco, cigars and cigarettes	3	2,925	7		1	4,060	2,850	11,000
Upholstering (see also Furniture)	3	12,600	12		2	10,000	16,100	33,300
Watch and clock repairing	7	3,700	2			1,278	1,425	7,750
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	32	28,400	25		1	8,008	16,923	51,950
Wirework	1	2,000	2			1,100	300	4,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	2	5,300	2			425	1,050	2,700
Woolen goods (see also Gloves and mittens)	10	566,800	166	33	17	86,088	227,486	549,030

A—PENNSYLVANIA, BY TOTALS OF COUNTIES.

The State	31,232	$474,510,993	284,359	73,046	29,667	$134,055,904	$465,020,563	$744,818,445
COUNTIES.								
Adams	276	486,770	394	44	19	59,329	621,937	876,130
Allegheny	1,895	70,641,426	42,815	2,361	3,995	22,371,951	61,739,293	105,273,739
Armstrong	200	1,918,656	975	60	76	436,951	1,348,564	2,328,557
Beaver	180	2,872,565	2,321	162	398	962,750	2,325,797	4,054,638
Bedford	254	1,369,993	587	3	20	155,868	1,213,902	1,747,617
Berks	1,044	12,522,140	8,307	890	811	3,077,919	13,026,331	20,143,164
Blair	254	3,017,563	2,068	28	96	677,371	2,752,243	4,233,552
Bradford	406	1,910,434	1,585	26	63	527,421	2,506,503	3,700,801
Bucks	591	3,039,014	2,334	926	349	904,915	4,033,627	6,208,209
Butler	262	744,580	521	24	11	148,794	695,930	1,080,290
Cambria	272	9,964,245	4,242	139	260	1,860,860	9,056,377	16,150,865
Cameron	24	594,500	191		10	60,331	693,880	1,017,701
Carbon	89	980,865	665	2	25	188,502	861,758	1,400,870
Centre	345	3,165,470	1,655	9	106	563,569	2,337,684	3,591,327
Chester	737	6,411,853	4,141	389	331	1,749,350	6,674,978	10,404,331

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—PENNSYLVANIA, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Clarion	228	$1,168,807	632	1	18	$143,616	$628,484	$992,582
Clearfield	261	2,778,227	1,230	11	39	366,147	1,061,850	2,584,389
Clinton	186	1,405,183	856	5	40	239,897	1,164,089	1,850,788
Columbia	221	1,219,505	842	37	18	260,024	1,147,040	1,746,084
Crawford	474	2,852,041	2,222	26	71	742,834	2,797,911	4,373,854
Cumberland	308	2,266,409	1,658	189	45	535,068	1,727,681	2,850,640
Dauphin	614	9,817,959	5,777	294	260	2,044,189	10,443,042	15,594,115
Delaware	416	14,256,720	6,569	2,885	1,788	3,839,838	11,262,964	19,601,403
Elk	92	2,362,310	1,102	.....	.....	252,384	1,517,559	2,414,791
Erie	559	6,424,413	4,584	257	397	1,869,466	6,046,427	10,463,906
Fayette	274	4,157,207	2,926	21	77	1,221,785	2,857,608	5,004,560
Forest	25	1,162,150	322	3	2	91,672	416,897	613,631
Franklin	403	2,003,679	1,489	48	46	391,161	1,872,975	2,825,138
Fulton	68	239,868	104	.....	.....	17,170	223,107	296,887
Greene	127	428,105	324	7	13	70,855	433,127	626,272
Huntingdon	245	3,267,613	917	17	30	230,245	1,871,761	2,496,918
Indiana	279	890,409	655	16	53	169,741	825,474	1,252,325
Jefferson	189	1,282,650	557	4	19	113,412	679,684	1,003,145
Juniata	93	224,170	153	1	3	25,578	243,023	325,142
Lackawanna	352	5,616,017	3,653	472	203	1,558,374	8,105,156	10,684,179
Lancaster	1,437	10,481,798	6,848	1,334	658	2,250,226	9,573,262	14,809,330
Lawrence	167	2,192,765	1,586	37	88	717,914	2,801,664	4,101,758
Lebanon	275	2,617,950	1,837	24	44	551,010	2,857,277	4,179,082
Lehigh	473	12,850,472	4,790	576	377	1,699,776	9,352,199	14,097,475
Luzerne	400	3,706,903	1,963	239	79	687,458	2,733,317	4,397,075
Lycoming	612	6,968,462	4,110	149	251	1,221,510	5,880,083	9,184,295
McKean	241	1,470,575	1,567	12	10	585,241	1,729,466	2,991,407
Mercer	349	3,796,641	2,854	30	200	1,170,045	5,377,565	7,952,874
Mifflin	169	1,378,080	886	16	36	208,472	1,527,681	2,298,170
Monroe	131	1,604,625	707	57	61	252,836	1,662,199	2,331,884
Montgomery	840	13,789,461	7,459	3,073	1,107	3,596,208	13,189,707	20,656,993
Montour	113	2,387,902	1,575	1	151	573,196	2,493,840	3,349,376
Northampton	531	9,955,966	5,264	318	302	1,922,027	9,272,417	13,901,276
Northumberland	226	2,023,575	1,699	16	96	540,701	2,341,762	3,399,197
Perry	204	1,358,835	850	7	35	274,250	1,571,452	2,205,048
Philadelphia	8,567	187,148,857	113,075	56,818	15,634	64,265,966	199,155,477	324,342,935
Pike	46	311,900	239	.....	7	75,862	267,884	454,990
Potter	94	206,107	343	4	.....	48,016	320,006	440,022
Schuylkill	480	4,854,058	3,028	251	123	1,016,641	4,169,130	6,047,336
Snyder	115	355,008	187	1	10	38,623	465,280	629,007
Somerset	348	839,071	628	15	47	113,483	719,314	1,089,719
Sullivan	60	858,420	342	.....	1	95,010	744,342	1,004,443
Susquehanna	332	2,026,983	1,161	33	10	309,169	2,484,482	3,569,796
Tioga	285	1,818,085	1,308	11	14	321,257	2,294,607	3,165,656
Union	130	678,084	385	32	10	93,117	519,996	866,437
Venango	136	782,856	830	17	17	268,795	841,166	1,421,920
Warren	267	2,785,055	1,829	27	43	519,221	2,894,313	4,197,281
Washington	314	985,304	699	13	16	257,163	1,227,144	1,810,581
Wayne	282	2,830,037	1,576	64	97	506,864	2,127,849	3,458,441
Westmoreland	382	3,714,462	2,277	60	166	885,162	2,810,875	4,978,538
Wyoming	124	730,725	362	1	4	94,444	1,278,277	1,794,958
York	859	3,537,375	2,821	453	281	893,920	3,022,183	5,879,565

B—PENNSYLVANIA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	31,232	$474,510,993	284,359	73,046	29,667	$134,055,904	$465,020,503	$744,818,445
Agricultural implements	220	3,452,023	2,540	.....	77	898,608	1,788,420	3,686,212
Artificial feathers and flowers (see also Millinery and lace goods)	6	81,500	34	264	84	65,330	91,070	229,500
Artificial limbs (see also Surgical appliances)	6	16,300	18	.....	.....	7,724	6,875	20,548
Awnings and tents	18	45,250	84	51	11	26,714	89,239	166,084
Axle-grease	2	6,400	7	.....	.....	3,500	1,750	6,500
Bags, other than paper	7	202,000	54	117	.....	43,215	482,820	560,500
Bags, paper	15	358,600	123	277	6	107,376	618,027	852,478
Baking and yeast powders (see also Drugs and chemicals)	6	27,000	15	13	2	11,324	53,747	105,600
Baskets, rattan and willow ware	31	34,680	51	1	27	16,409	31,751	63,031
Bellows	2	8,500	13	.....	.....	6,200	13,000	25,400
Bells	2	40,400	15	.....	.....	10,500	15,600	31,500
Belting and hose, leather	9	280,500	76	.....	6	42,465	367,571	476,545
Billiard tables and materials	3	25,000	16	.....	.....	10,300	26,300	49,700
Blacking	5	225,000	51	97	5	48,648	221,061	485,706
Blacksmithing (see also Wheelwrighting)	3,246	2,236,418	3,591	.....	49	1,014,454	1,542,876	4,324,460
Bluing	4	50,200	17	19	1	12,500	25,438	75,300
Bone-, ivory-, and lamp-black	5	428,350	79	2	16	36,700	214,075	286,750
Bookbinding and blank-book making	74	890,775	867	829	148	585,786	727,166	1,703,206
Boot and shoe findings	20	121,950	94	107	6	62,088	140,072	253,668
Boot and shoe uppers	10	26,650	24	30	3	23,830	53,513	90,975
Boots and shoes, including custom work and repairing	2,157	5,399,228	7,930	2,604	352	3,757,957	7,016,204	13,246,250
Boxes, cigar	61	134,522	135	93	45	63,743	172,916	332,124
Boxes, fancy and paper	47	438,450	227	1,228	56	281,445	401,378	894,505
Boxes, wooden, packing	61	486,270	502	28	75	220,550	605,455	977,725
Brass and copper, rolled	2	600,000	94	.....	5	80,000	432,000	640,000

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—PENNSYLVANIA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Brass castings (see also Bronze castings)	63	$1,578,901	1,009	19	89	$456,748	$1,344,931	$2,294,684
Bread and other bakery products	1,265	3,919,053	2,923	384	197	1,315,677	5,263,591	8,448,474
Brick and tile (see also Drain and sewer pipe; Terra-cotta ware)	521	5,028,524	7,135	6	1,285	2,077,168	1,332,758	4,818,153
Bridges	7	720,400	859	.....	13	425,290	1,071,936	1,757,932
Bronze castings (see also Brass castings)	5	126,250	50	.....	1	27,072	423,170	545,876
Brooms and brushes	122	626,215	725	88	252	292,556	678,753	1,293,881
Buttons	18	159,000	324	166	133	167,613	146,585	387,554
Cardboard	1	250,000	63	106	37	50,000	300,000	450,000
Card cutting and designing	5	8,993	15	12	6	8,665	10,920	33,320
Carpentering	773	2,314,519	4,604	.....	13	2,072,580	4,321,380	8,125,571
Carpets, other than rag (see also Woolen goods)	172	7,210,483	5,731	2,384	774	3,035,971	8,992,385	14,304,660
Carpets, rag	143	142,542	322	22	36	102,054	243,444	449,825
Carpets, wood	1	25,000	80	.....	7	13,000	4,000	54,670
Carriage and wagon materials	47	485,616	458	.....	12	159,453	325,916	634,777
Carriages and sleds, children's	10	76,800	101	4	4	46,051	111,055	190,872
Carriages and wagons (see also Wheelwrighting)	391	3,627,023	3,875	5	54	1,584,035	2,059,810	4,760,723
Cars, railroad, street, and repairs	43	2,946,912	3,850	2	48	1,352,299	6,032,114	8,082,272
Cement	2	135,000	104	.....	27	50,850	76,200	147,200
Charcoal	5	3,900	14	.....	2	2,200	1,600	9,900
Cheese and butter (factory)	146	395,020	253	43	8	51,943	655,368	915,468
Cleansing and polishing preparations	4	176,300	31	3	7	16,100	37,175	110,000
Cloth finishing	5	107,000	64	11	17	32,702	36,236	92,000
Clothing, horse	2	407,000	68	482	.....	133,800	443,200	680,000
Clothing, men's	876	10,816,742	8,791	13,328	91	5,127,682	15,332,253	23,821,887
Clothing, women's	75	941,950	351	2,878	99	618,603	1,776,610	2,977,810
Coal-tar	1	100,000	85	.....	5	32,000	85,200	146,800
Coffee and spices, roasted and ground	32	885,000	171	121	5	118,383	2,240,980	2,652,830
Coffins, burial cases, and undertakers' goods	105	681,425	547	38	5	229,036	425,267	903,074
Coke	104	4,262,525	2,379	3	62	983,431	2,241,154	4,190,136
Collars and cuffs, paper	1	101,233	26	65	.....	42,000	96,000	158,000
Combs	5	71,500	99	6	3	46,350	56,480	122,651
Confectionery	283	1,718,690	1,036	531	204	512,141	2,358,774	3,561,934
Cooperage	249	1,385,335	1,845	2	174	671,464	2,126,784	3,256,552
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	11	148,950	95	2	1	51,654	148,849	255,423
Cordage and twine	23	1,289,250	395	240	247	274,282	1,437,026	2,039,721
Cork cutting	11	479,550	141	146	65	97,764	473,260	708,500
Corsets	10	62,800	20	171	2	44,018	129,061	205,505
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	189	15,490,735	5,990	8,232	3,341	4,683,617	12,500,217	21,640,397
Crucibles	7	440,250	92	.....	.....	57,560	434,271	577,189
Cutlery and edge tools (see also Hardware; Tools)	61	2,585,610	2,024	46	106	882,612	1,148,138	2,614,239
Dentistry, mechanical	53	58,200	30	2	3	16,345	32,230	114,919
Dentists' materials	4	715,000	255	60	11	156,175	159,000	561,000
Drain and sewer pipe (see also Brick and tile; Terra-cotta ware)	1	20,000	16	.....	.....	10,000	12,000	30,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	75	11,680,812	2,362	340	76	1,300,238	8,245,297	13,092,863
Dyeing and cleaning	24	56,350	71	17	3	26,674	31,440	89,570
Dyeing and finishing textiles	60	3,884,846	1,926	248	424	1,041,309	2,398,396	6,259,852
Dyestuffs and extracts	6	432,000	107	.....	.....	50,185	269,000	452,979
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	3	15,000	16	.....	1	7,472	7,149	20,770
Electroplating	24	102,463	120	5	11	52,427	43,175	145,094
Emery wheels	2	230,000	35	.....	.....	21,928	16,973	80,485
Engravers' materials	3	5,300	7	.....	1	6,920	3,700	11,764
Engraving and die-sinking	16	41,715	53	1	5	29,224	18,921	77,746
Engraving, steel	6	50,050	42	10	18	30,930	25,195	92,233
Engraving, wood	20	17,725	72	3	2	46,088	12,965	95,559
Explosives and fireworks	6	25,000	16	51	31	20,686	7,900	50,982
Fancy articles	19	154,700	129	39	14	76,305	130,012	255,406
Felt goods (see also Woolen goods)	1	150,000	167	75	20	80,000	250,000	450,000
Fertilizers	45	831,515	373	.....	3	137,955	981,987	1,433,245
Files (see also Saws)	26	488,500	508	19	80	223,593	216,545	580,443
Fire-arms	8	160,200	178	1	3	76,350	51,400	177,900
Flavoring extracts	2	22,800	30	.....	2	8,524	28,080	41,000
Flax, dressed	2	24,000	10	7	22	8,379	10,446	34,054
Flouring- and grist-mill products	2,873	20,238,601	4,422	1	11	1,105,939	36,291,933	41,522,662
Food preparations (see page 39)	10	376,500	100	83	10	61,127	226,722	371,003
Foundery and machine-shop products (see also Iron works, architectural and ornamental; Steam fitings and heating apparatus).	748	28,982,140	22,907	79	898	10,293,821	17,636,353	35,029,673
Foundery supplies	2	40,000	9	.....	1	5,280	34,500	54,000
Fruits and vegetables, canned and preserved	14	267,925	91	171	39	67,202	469,326	606,000
Furnishing goods, men's	22	124,740	61	336	36	88,260	318,736	501,007
Furniture (see also Mattresses and spring beds; Upholstering)	718	5,445,940	4,928	92	179	2,090,088	3,725,989	7,588,229
Furniture, chairs	45	111,700	273	14	47	143,037	186,071	437,010
Furs, dressed	16	238,000	50	153	5	59,233	292,800	496,700
Galvanizing	7	370,000	241	.....	5	112,132	720,295	976,875
Gas and lamp fixtures	5	251,500	283	43	11	133,759	93,085	355,228
Gas machines and meters	11	471,500	361	7	15	154,103	227,498	475,804
Glass	78	7,639,706	6,999	294	2,491	3,897,306	3,350,660	8,720,584
Glass, cut, stained, and ornamented	16	65,600	115	13	10	58,845	52,283	160,962
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	2	51,000	15	28	2	14,587	70,000	95,000
Glue	13	1,810,400	498	90	51	184,950	1,376,821	1,903,470
Gold and silver leaf and foil	8	237,000	157	157	10	135,300	344,150	525,344
Gold and silver, reduced and refined (not from the ore)	2	20,500	13	.....	4	9,130	200,800	251,560
Graphite	1	50,000	38	.....	2	12,500	5,500	30,000
Grease and tallow	27	322,075	110	.....	1	56,223	1,416,614	1,671,265
Grindstones	1	10,161	2	.....	.....	1,500	7,236	10,853
Gunpowder (see also High explosives)	11	858,900	157	8	3	73,871	420,834	693,854
Hairwork	25	95,525	25	68	6	23,987	46,710	98,137

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—PENNSYLVANIA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Hand-knit goods	11	$98,400	31	575	320	$90,048	$127,437	$246,200
Hand-stamps	2	0,000	7	2	2	2,300	2,200	13,500
Handles, wooden	10	108,455	150	.....	.....	43,065	54,863	147,142
Hardware (see also Cutlery and edge tools; Tools)	68	1,980,729	2,184	41	359	893,032	1,761,884	3,725,526
Hardware, saddlery	2	36,100	28	20	2	28,040	52,635	114,488
Hat and cap materials	6	39,600	21	2	5	11,430	79,600	132,100
Hats and caps, not including wool hats	70	820,553	1,255	561	52	711,150	1,082,079	2,342,324
High explosives (see also Gunpowder)	11	76,025	78	.....	.....	39,837	190,783	309,230
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	106	3,743,790	2,337	5,570	1,365	2,175,913	4,924,138	8,935,147
Housefurnishing goods	4	79,600	109	38	18	36,042	107,203	154,000
Ink	12	398,800	81	8	11	62,608	169,375	362,550
Instruments, professional and scientific	26	347,086	224	7	14	137,798	87,307	349,126
Iron and steel	366	107,304,782	54,637	12	3,303	25,095,850	92,207,030	145,576,268
Iron bolts, nuts, washers, and rivets	17	1,444,500	1,306	60	278	521,625	1,571,430	2,636,306
Iron forgings	19	558,500	594	.....	38	264,743	667,125	1,110,166
Iron nails and spikes, cut and wrought	9	192,450	83	14	7	37,849	206,410	291,027
Iron pipe, wrought	12	3,864,565	3,151	1	183	996,567	6,141,797	8,418,975
Iron railing, wrought	20	130,150	130	.....	1	44,633	107,333	202,352
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	5	16,450	37	.....	.....	20,000	32,370	60,825
Ivory and bone work	11	209,750	253	29	64	112,888	152,590	358,010
Japanning	5	13,100	33	8	4	8,765	8,298	26,625
Jewelry	33	485,256	394	24	32	220,902	437,416	846,796
Jewelry and instrument cases	3	25,000	37	13	.....	11,300	13,600	35,000
Kaolin and ground earths	8	163,000	113	.....	3	38,113	28,833	101,006
Kindling wood	30	106,750	130	.....	26	48,612	110,498	216,620
Lamps and reflectors	13	136,550	95	12	6	51,908	57,007	151,756
Lard, refined	2	350,000	65	6	.....	29,631	1,135,000	1,221,000
Lasts	6	37,400	29	8	16	18,295	10,800	44,234
Lead, bar, pipe, sheet, and shot	4	665,000	89	.....	2	49,076	820,500	1,008,000
Leather, curried	455	2,570,969	827	4	15	334,950	6,030,492	7,852,177
Leather, dressed skins	57	2,619,347	2,121	103	89	1,183,898	4,971,982	6,859,044
Leather goods	1	15,000	25	.....	.....	5,350	9,000	36,000
Leather, tanned	642	15,608,635	5,541	12	30	1,967,946	19,716,236	27,042,068
Lightning rods	3	255,000	58	.....	.....	25,475	358,500	481,000
Lime	120	471,610	579	.....	10	141,887	174,979	466,532
Liquors, distilled	70	2,198,753	334	.....	.....	138,745	1,216,120	1,850,484
Liquors, malt	291	12,073,068	2,439	.....	13	1,200,289	5,765,837	10,124,348
Liquors, vinous (see also Liquors, distilled)	1	5,000	4	.....	.....	1,200	3,500	7,000
Lithographing (see also Printing and publishing)	24	659,550	483	65	59	269,011	250,627	765,003
Lock- and gun-smithing	55	91,950	87	.....	8	32,257	40,735	119,458
Looking-glass and picture frames	74	790,793	696	19	75	336,660	610,641	1,276,471
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	200	3,250,225	2,142	6	61	758,281	2,749,849	4,602,753
Lumber, sawed	2,827	21,418,588	14,443	8	463	2,018,459	13,955,430	22,457,359
Malt	26	2,522,000	309	1	.....	108,892	1,704,761	2,333,348
Mantels, slate, marble, and marbleized	15	145,800	171	.....	4	77,792	127,513	263,106
Marble and stone work	321	2,476,752	2,185	1	11	970,026	1,467,475	3,135,651
Masonry, brick and stone	109	306,325	734	.....	8	320,237	419,030	906,050
Matches	5	237,800	39	66	11	29,931	166,592	311,500
Mattresses and spring beds (see also Furniture)	27	123,850	119	46	15	51,203	252,990	362,599
Millinery and lace goods (see also Artificial feathers and flowers)	40	593,300	85	1,139	54	205,942	1,063,779	1,518,578
Millstones	4	19,500	18	.....	.....	9,650	33,800	51,200
Mineral and soda waters	33	192,800	206	.....	22	83,044	181,095	340,433
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	126	11,536,818	5,361	6,971	1,936	4,223,662	12,202,028	20,882,764
Models and patterns	31	76,225	109	10	4	59,271	31,811	139,224
Mucilage and paste	2	1,200	4	.....	1	1,000	4,500	8,000
Musical instruments and materials (not specified)	9	149,200	129	3	9	91,016	88,555	219,067
Musical instruments, organs and materials	15	68,950	72	.....	7	23,894	24,020	65,794
Musical instruments, pianos and materials	5	169,500	153	.....	1	87,044	81,145	217,924
Nets and seines	4	13,400	21	17	6	5,000	10,750	25,700
Oil, essential	1	150	.....	.....	.....	.....	240	640
Oil, illuminating, not including petroleum refining	1	20,000	30	.....	.....	12,000	51,000	89,000
Oil, lard	6	76,000	18	.....	1	9,575	144,464	179,831
Oil, linseed	9	409,200	59	5	.....	29,846	596,500	697,295
Oil, lubricating	9	85,500	82	2	.....	41,503	508,411	642,370
Oilcloth, floor	2	938,550	374	2	10	169,084	646,735	1,219,571
Oleomargarine	1	100,000	45	16	3	26,000	192,946	298,386
Painting and paperhanging	507	940,997	2,620	5	39	1,046,820	1,045,007	2,781,153
Paints (see also Varnish)	46	3,128,192	791	26	7	394,437	2,657,857	3,674,043
Paper (see also Cardboard; Collars and cuffs, paper; Wood pulp)	78	4,090,000	1,481	555	47	752,151	3,185,168	5,355,912
Paperhangings	4	820,000	263	1	137	161,120	384,252	708,979
Patent medicines and compounds (see also Drugs and chemicals)	53	2,076,160	259	189	7	194,524	784,262	2,006,058
Paving materials	2	55,000	24	.....	.....	5,880	12,400	38,500
Pens, steel	1	10,000	7	23	.....	8,500	8,500	20,000
Perfumery and cosmetics	8	132,867	34	53	3	32,515	148,488	229,305
Photographing	106	384,200	285	127	11	175,127	138,577	541,964
Photographing materials	3	41,000	11	27	2	13,510	50,400	81,000
Pickles, preserves, and sauces	7	84,248	55	15	1	25,173	167,096	268,812
Pipes, tobacco	5	70,600	219	13	42	89,565	66,800	209,500
Plated and britannia ware (see also Silverware)	11	246,500	183	59	12	82,474	113,342	238,305
Plumbing and gasfitting	323	1,050,855	1,267	.....	36	589,338	1,043,219	2,070,110

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B.—PENNSYLVANIA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products
			Males above 16 years.	Females above 15 years.	Children and youths.			
Pocket-books	5	$250,000	271	209	48	$120,000	$219,500	$412,000
Printing and publishing (see also Lithographing)	371	8,962,320	5,897	625	1,180	3,274,969	4,157,045	10,229,803
Printing materials	5	45,200	38	.....	5	22,470	18,298	52,366
Pumps, not including steam pumps	29	131,900	75	.....	1	27,858	99,088	171,191
Refrigerators	7	76,442	41	.....	1	21,495	69,380	110,403
Regalia and society banners and emblems	12	93,800	46	133	6	36,073	82,585	151,834
Registers, car-fare	1	300,000	7	.....	.....	4,876	870	6,600
Roofing and roofing materials	116	451,055	513	3	6	219,958	394,442	708,999
Rubber and elastic goods	3	54,000	25	22	11	11,500	31,500	51,000
Saddlery and harness	781	1,301,402	1,542	54	35	540,772	1,265,482	2,505,850
Safes, doors, and vaults, fire-proof	7	176,000	159	.....	1	93,850	106,015	259,505
Salt	16	234,500	131	.....	6	52,047	74,047	177,415
Sand and emery paper and cloth	2	35,000	16	15	3	9,500	70,000	95,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	109	1,989,198	1,601	1	45	627,674	1,480,004	2,513,607
Saws	7	1,518,000	1,115	6	134	620,140	634,897	1,654,200
Scales and balances	10	153,000	180	.....	9	94,081	73,490	238,699
Sewing-machine cases	1	68,500	47	.....	.....	18,189	31,180	57,907
Sewing machines and attachments	7	1,175,800	440	8	51	226,000	225,190	625,550
Shingles, split	1	1,200	3	.....	.....	200	600	1,000
Shipbuilding	125	5,797,731	3,298	.....	.....	2,279,629	3,610,367	6,689,470
Shirts	61	785,094	242	2,597	85	614,924	1,182,154	2,095,761
Shoddy (see also Mixed textiles)	11	186,000	90	40	13	47,441	510,977	655,895
Show-cases	12	58,950	70	.....	7	40,134	97,392	178,815
Silk and silk goods (see also Mixed textiles)	49	1,379,900	1,000	1,870	319	678,120	1,830,985	3,491,840
Silverware (see also Plated and britannia ware)	6	102,000	68	3	4	44,131	75,283	169,384
Slaughtering and meat-packing, not including retail butchering establishments.	35	2,938,625	531	.....	21	242,077	8,854,778	9,908,545
Soap and candles	78	1,873,971	490	62	35	331,677	1,809,904	2,715,771
Soda-water apparatus	2	150,000	45	.....	.....	25,000	67,000	114,000
Spectacles and eyeglasses	3	202,000	167	53	7	86,600	53,000	196,000
Sporting goods	8	35,000	40	11	6	21,786	21,600	61,600
Springs, steel, car, and carriage	12	600,100	361	.....	28	186,613	768,059	1,138,895
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	2	15,000	12	.....	3	5,384	7,500	17,494
Starch	1	45,000	8	.....	.....	2,500	6,750	11,000
Stationery goods	26	203,500	324	34	61	111,310	338,920	556,473
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	14	251,300	259	.....	11	112,980	255,833	506,962
Stencils and brands	14	75,700	57	2	7	27,589	39,157	103,923
Stereotyping and electrotyping (see also Type founding)	5	226,000	172	17	2	104,982	51,050	223,500
Stone- and earthen-ware	97	670,545	634	85	93	254,082	202,611	655,169
Straw goods	7	48,200	48	195	7	48,000	106,204	225,718
Sugar and molasses, refined	11	6,072,000	1,073	.....	5	474,017	21,943,943	24,294,929
Surgical appliances (see also Artificial limbs)	6	120,500	63	44	4	43,314	69,821	149,273
Taxidermy	1	1,000	.....	.....	.....	.....	300	500
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	4	57,000	41	.....	3	12,773	24,444	45,840
Terra-cotta ware (see also Brick and tile; Drain and sewer pipe)	5	81,000	60	.....	.....	18,150	19,350	63,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing; Stamped ware).	1,010	3,223,836	3,093	128	185	1,325,010	2,735,514	5,442,555
Tinfoil	2	106,000	26	20	2	9,979	31,075	56,500
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	11	398,676	136	122	16	71,084	572,456	910,204
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	1,377	2,934,819	5,064	1,329	564	1,885,530	3,144,977	6,906,603
Tools (see also Cutlery and edge tools; Hardware)	22	1,657,182	752	.....	.....	330,656	291,452	883,973
Toys and games	14	172,100	270	102	175	107,328	96,425	306,086
Trunks and valises	24	114,900	148	.....	3	66,835	175,172	306,742
Type founding (see also Stereotyping and electrotyping)	4	810,000	279	2	25	146,694	89,400	417,132
Umbrellas and canes	33	1,379,050	621	999	166	481,347	1,788,464	2,822,244
Upholstering (see also Furniture)	107	266,900	294	103	20	163,366	397,258	784,020
Upholstering materials	5	123,000	31	56	.....	38,600	103,500	176,000
Varnish (see also Paints)	11	241,800	69	.....	7	34,865	201,275	372,310
Vinegar	12	57,185	28	1	3	19,780	86,244	128,500
Washing-machines and clothes-wringers	8	137,600	62	.....	45	33,550	134,237	220,600
Watch and clock repairing	62	148,240	89	1	8	46,997	31,655	128,138
Watch cases	11	553,175	433	54	12	243,722	534,480	1,013,180
Watches	1	293,000	108	73	.....	57,957	18,286	98,710
Wheelbarrows	1	7,000	6	.....	.....	2,500	5,800	8,790
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	1,353	1,344,055	1,940	8	20	530,881	773,823	2,087,659
Whips	10	84,700	78	12	12	25,550	49,400	121,000
Window blinds and shades	24	96,150	106	17	16	40,433	133,997	231,416
Wire	5	560,500	106	13	.....	58,108	269,338	378,658
Wirework	35	246,650	302	1	55	119,090	500,241	763,832
Wood pulp	2	510,000	205	.....	.....	97,000	206,006	463,195
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	55	324,650	449	18	63	173,524	199,797	496,100
Wooden ware	22	358,500	268	.....	65	126,750	178,448	387,302
Wool hats (see also Woolen goods)	23	797,500	726	290	133	317,987	1,034,652	1,717,826
Woolen goods (see also Carpets, other than rag; Felt goods; Gloves and mittens; Mixed textiles; Wool hats; Worsted goods).	324	18,780,604	8,391	6,809	2,489	5,254,328	21,185,804	32,341,291
Worsted goods (see also Woolen goods)	28	4,959,639	1,673	2,378	949	1,473,958	7,277,489	10,072,473
Zinc	2	1,065,000	184	.....	8	81,020	238,859	377,280

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—RHODE ISLAND, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State	2,205	$75,575,943	37,060	18,270	7,548	$21,355,619	$58,103,443	$104,163,621
Bristol	90	2,520,950	1,574	857	258	761,016	2,637,164	4,110,262
Kent	126	6,205,628	2,955	1,715	1,104	1,514,728	3,977,934	8,481,418
Newport	111	712,050	834	200	66	539,763	1,002,716	1,851,428
Providence	1,683	61,299,603	29,267	13,905	5,618	17,229,126	46,236,957	82,083,318
Washington	195	4,837,712	2,430	1,593	502	1,310,986	4,188,692	7,637,195

B—RHODE ISLAND, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,205	$75,575,943	37,060	18,270	7,548	$21,355,619	$58,103,443	$104,163,621
Agricultural implements	4	18,500	16	.....	.....	5,219	6,710	15,068
Belting and hose, leather	4	74,000	27	.....	1	12,250	83,925	130,150
Blacksmithing (see also Wheelwrighting)	164	170,550	271	.....	2	125,610	132,410	405,727
Bookbinding and blank-book making	8	52,900	45	27	1	29,040	29,100	88,000
Boot and shoe findings	2	20,000	22	11	12	7,324	37,250	54,500
Boots and shoes, including custom work and repairing	115	57,425	88	10	1	39,164	80,311	187,559
Boots and shoes, rubber	2	325,000	508	130	51	225,025	1,031,339	1,455,420
Boxes, cigar	1	1,500	2	1	.....	1,800	3,000	6,000
Boxes, fancy and paper	6	44,100	33	128	2	60,290	57,151	136,365
Boxes, wooden, packing	6	69,800	76	.....	1	30,034	89,396	151,000
Brass castings	10	105,900	63	.....	.....	33,080	119,930	182,163
Bread and other bakery products	51	270,100	301	28	3	158,389	561,138	869,188
Brick and tile (see also Drain and sewer pipe)	1	100,000	195	.....	.....	32,000	24,000	75,000
Bridges	2	50,000	28	.....	.....	12,800	15,993	58,294
Brooms and brushes	10	23,000	30	28	2	15,008	31,585	58,700
Buttons	1	350	.....	.....	.....	.....	275	1,150
Cardboard	2	100,000	33	8	15	26,378	172,644	271,441
Carpentering	146	428,123	1,230	.....	3	615,459	1,382,443	2,336,517
Carpets, rag	1	1,400	1	.....	.....	250	800	1,200
Carriages and wagons (see also Wheelwrighting)	51	181,505	192	.....	1	95,021	130,260	301,259
Charcoal	2	55	2	.....	.....	250	750	1,600
Clothing, men's	58	899,277	455	586	37	423,717	1,138,144	1,980,330
Clothing, women's	7	21,400	6	59	.....	18,555	94,825	137,880
Coffee and spices, roasted and ground	5	42,000	19	.....	.....	10,676	121,536	150,194
Coffins, burial cases, and undertakers' goods	12	48,000	48	4	1	24,208	56,423	113,203
Collars and cuffs, paper	1	15,000	4	16	.....	7,000	96,000	126,000
Confectionery	12	30,100	33	12	4	20,209	60,288	114,450
Cooperage	3	20,732	27	.....	2	14,884	27,150	60,550
Cordage and twine	2	25,000	24	.....	.....	7,950	48,000	70,000
Corsets	2	8,000	6	39	10	13,500	15,200	30,850
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	133	20,260,734	8,471	9,567	4,038	5,023,933	13,300,149	24,609,461
Cotton-ties	1	8,000	35	.....	.....	10,990	65,220	101,613
Cutlery and edge tools (see also Hardware; Tools)	4	25,550	45	.....	.....	15,889	16,660	45,300
Dentistry, mechanical	25	27,825	17	3	.....	13,268	12,942	67,050
Drain and sewer pipe (see also Brick and tile)	1	5,000	3	.....	.....	1,400	1,600	8,000
Drugs and chemicals (see also Patent medicines and compounds)	13	472,500	239	70	.....	142,099	524,436	847,378
Dyeing and cleaning	4	16,000	18	8	.....	9,708	6,738	25,806
Dyeing and finishing textiles	16	5,912,500	2,146	430	400	1,093,727	2,315,063	6,874,254
Dyestuffs and extracts	4	144,000	40	.....	.....	19,195	162,500	221,705
Electroplating	10	65,600	58	1	2	36,162	136,372	208,164
Enameling	9	123,000	93	45	9	44,816	59,263	136,175
Engraving and die-sinking	24	17,900	52	5	10	34,941	6,423	76,764
Engraving, wood	6	1,750	2	.....	.....	2,146	2,660	13,130
Fancy articles	4	21,500	25	6	2	11,367	35,084	70,382
Files (see also Saws)	9	540,600	484	11	25	206,220	226,525	659,178
Fire-arms	1	360,000	553	.....	23	264,248	550,785	991,111
Flouring- and grist-mill products	48	579,600	105	.....	.....	46,870	981,861	1,137,090
Foundery and machine-shop products	94	4,823,367	4,411	109	75	2,072,143	2,687,484	6,281,707
Foundery supplies	1	5,000	3	.....	.....	1,215	1,720	6,660
Furniture (see also Mattresses and spring beds; Upholstering)	27	283,950	388	16	5	208,509	501,401	840,437
Furniture, chairs	1	2,500	.....	.....	.....	.....	3,174	9,464
Furs, dressed	1	100	.....	8	.....	900	1,500	3,000
Gas and lamp fixtures	3	91,000	46	9	6	26,500	34,600	86,600
Glass, cut, stained, and ornamented	2	11,000	9	18	.....	7,936	7,600	23,140
Gold and silver, reduced and refined (not from the ore)	6	188,000	25	.....	.....	18,627	1,366,471	1,421,100
Grease and tallow	2	13,000	12	.....	.....	5,950	76,100	88,100
Hairwork	8	24,050	1	10	2	6,700	26,930	44,945
Hand-stamps	1	600	4	.....	.....	4,000	250	5,500
Hardware (see also Cutlery and edge tools; Tools)	7	164,800	217	.....	9	101,059	93,484	254,243
Hats and caps, not including wool hats	1	1,500	3	7	.....	4,000	8,000	16,000
Hooks and eyes	2	250,188	40	31	8	26,738	85,086	118,278
Hosiery and knit goods (see also Cotton goods)	1	6,000	6	24	9	8,400	14,898	96,000
Housefurnishing goods	1	550	.....	.....	.....	.....	500	1,000
Iron and steel	3	630,000	200	.....	75	180,969	375,347	488,040
Iron bolts, nuts, washers, and rivets	1	130,000	83	.....	4	33,562	86,761	165,880

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—RHODE ISLAND, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Iron forgings	1	$4,000	6			$2,600	$4,765	$8,500
Iron nails and spikes, cut and wrought	1	105,000	6		4	5,000	60,000	134,000
Iron pipe, wrought	3	125,000	150			82,412	172,375	275,222
Ivory and bone work	4	36,000	60	6	2	35,230	17,375	72,667
Jewelry	148	2,836,620	2,568	714	188	1,688,616	2,590,611	5,650,133
Lapidary work	7	22,000	39	2	2	16,682	11,200	42,333
Lead, bar, pipe, sheet, and shot	2	65,000	83		5	52,092	110,350	200,563
Leather, curried	3	71,400	29			15,476	186,250	227,125
Leather, dressed skins	1	2,500	2			628	700	2,100
Leather goods	3	45,600	38		3	19,420	63,350	96,815
Leather, tanned	4	368,600	113			55,694	509,370	638,600
Lime	1	1,500	4			1,250	400	2,400
Liquors, malt	4	165,000	90			39,410	236,944	398,743
Lithographing (see also Printing and publishing)	2	80,000	37	5	1	31,760	34,920	100,642
Lock- and gun-smithing	5	4,950	5			3,702	2,762	10,515
Looking-glass and picture frames	11	40,200	26	2	2	13,601	42,260	77,745
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	9	163,000	88			38,274	76,727	150,244
Lumber, sawed	49	144,250	139		13	33,143	120,888	240,579
Marble and stone work	39	346,000	354	1	5	155,011	110,299	374,900
Masonry, brick and stone	47	80,175	346	1		138,924	202,385	413,044
Mattresses and spring beds (see also Furniture)	4	29,700	21	6		9,356	80,260	113,056
Mineral and soda waters	6	25,400	22		3	8,399	18,140	48,375
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	16	1,591,000	817	663	163	488,068	1,520,099	2,718,822
Models and patterns	6	16,500	26		1	16,089	16,280	42,432
Musical instruments, organs and materials	1	5,000	4			3,000	1,000	7,000
Oil, cottonseed and cake	1	125,000	32	3		14,899	415,820	458,085
Oil, neat's-foot	1	4,000	1			468	3,375	5,550
Painting and paperhanging	113	138,365	419		7	205,507	190,703	545,615
Paints	2	58,000	7		1	4,167	50,000	69,800
Patent medicines and compounds (see also Drugs and chemicals)	24	474,500	107	23	6	72,609	330,864	772,942
Paving materials	2	252,000	55			19,500	47,000	98,000
Photographing	29	53,250	47	32	1	34,200	30,070	112,163
Pickles, preserves, and sauces	2	13,300	4	10	1	2,213	7,000	13,650
Plated and britannia ware (see also Silverware)	2	1,025,000	310	15		189,200	611,300	972,000
Plumbing and gasfitting	34	102,750	137		1	74,265	143,846	291,916
Printing and publishing (see also Lithographing)	32	361,850	398	18	68	280,900	218,120	674,025
Pumps, not including steam pumps	4	11,500	7			3,413	8,002	15,900
Roofing and roofing materials	2	5,000	7			2,820	11,000	16,500
Rubber and elastic goods	2	710,000	687	320		313,715	1,617,000	2,217,000
Saddlery and harness	51	81,900	119	17	3	57,784	89,771	201,927
Safes, doors, and vaults, fire-proof	2	132,000	14			8,480	10,100	29,090
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	11	156,500	130		10	59,057	184,080	296,449
Saws	2	26,500	4			2,069	5,137	10,850
Screws	1	3,250,000	467	356	241	239,157	504,684	1,367,672
Sewing machines and attachments	2	61,000	17			11,500	37,000	112,960
Shipbuilding	22	227,700	318			194,662	266,858	517,041
Shirts	1	2,500		20	1	3,900	4,532	11,215
Shoddy (see also Mixed textiles)	6	49,600	51	26	6	18,590	137,054	195,045
Silk and silk goods (see also Mixed textiles)	1	7,500	1	7		1,600	7,500	10,000
Silverware (see also Plated and britannia ware)	2	83,000	42			18,448	66,280	111,000
Slaughtering and meat-packing, not including retail butchering establishments.	9	598,000	178		7	97,362	3,449,816	3,876,740
Soap and candles	8	39,136	15			5,398	83,325	100,850
Sporting goods	2	2,300	3	1		1,200	1,700	5,350
Starch	1	30,000	4			2,000	60,000	75,000
Stationery goods	4	24,300	21	6		16,898	23,910	56,425
Stencils and brands	3	9,000	7		2	2,665	8,730	18,580
Stone- and earthen-ware	1	3,500	9			3,300	2,300	15,000
Straw goods	3	2,300	5	11		5,553	547	10,160
Taxidermy	1	1,500					100	800
Tinware, copperware, and sheet-iron ware	75	224,150	282	3	3	153,674	261,473	561,515
Tobacco, cigars and cigarettes	49	51,675	113	70	2	53,974	90,247	191,752
Tools (see also Cutlery and edge tools; Hardware)	2	11,200	5			3,000	2,025	7,750
Toys and games	1	3,000	1	2	2	1,400	1,700	4,500
Trunks and valises	4	23,200	14		4	7,321	14,937	36,246
Umbrellas and canes	3	1,700	2	1		660	1,050	5,850
Upholstering (see also Furniture)	6	6,400	8	3		5,405	27,578	44,210
Upholstering materials	2	28,000	77	6	32	25,781	36,000	69,500
Vinegar	1	1,850	2			800	500	1,500
Washing-machines and clothes-wringers	1	75,000	62		3	17,685	124,024	220,986
Watch and clock materials	3	13,500	55	18	8	24,645	18,750	62,750
Watch and clock repairing	5	13,700	7			4,095	1,100	6,375
Watch cases	1	100,000	28		2	26,019	49,560	123,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	51	58,175	77		2	35,520	37,142	102,975
Windmills	1	2,000	1			375	1,000	1,800
Window blinds and shades	1	2,000	2	1		700	1,650	3,625
Wire	1	15,000	10	40		15,000	45,000	73,000
Wirework	2	1,800	7			2,384	3,260	7,955
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	10	68,500	112		25	52,651	55,230	139,000
Woolen goods (see also Mixed textiles; Worsted goods)	50	8,448,700	4,312	2,648	1,161	2,480,907	9,138,429	15,410,450
Worsted goods (see also Woolen goods)	11	4,567,416	1,559	1,739	706	1,222,350	3,941,383	6,177,754

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—SOUTH CAROLINA, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State	2,078	$11,205,894	13,687	1,023	1,118	$2,836,289	$9,885,538	$16,738,008
Abbeville	81	132,555	152	.....	4	24,288	302,104	388,963
Aiken	68	1,993,170	592	437	301	260,146	1,144,673	1,812,551
Anderson	106	196,570	204	26	16	44,154	261,714	378,303
Barnwell	92	116,250	241	.....	2	22,347	145,747	214,073
Beaufort	23	550,250	951	1	1	201,862	343,496	666,411
Charleston	259	4,631,450	4,548	181	374	1,145,772	2,538,273	5,158,112
Chester	53	62,835	92	.....	2	17,792	154,157	203,126
Chesterfield	34	68,100	441	1	6	63,072	67,900	102,436
Clarendon	33	72,000	345	.....	2	50,552	64,581	108,948
Colleton	34	149,890	673	37	11	104,521	133,395	304,380
Darlington	53	88,200	255	.....	.....	41,569	192,167	290,965
Edgefield	79	121,860	173	.....	4	23,899	259,969	338,165
Fairfield	30	51,100	124	.....	.....	19,603	75,322	116,791
Georgetown	21	230,875	282	20	20	60,227	265,495	431,891
Greenville	130	812,365	525	196	208	169,433	897,240	1,413,556
Hampton	24	95,350	263	.....	5	41,433	137,645	250,377
Horry	30	67,895	158	1	1	35,474	94,508	227,275
Kershaw	33	99,800	517	.....	.....	33,603	143,395	210,830
Lancaster	24	57,590	43	.....	.....	5,256	143,789	177,401
Laurens	52	74,685	93	.....	.....	10,300	167,713	199,623
Lexington	83	140,945	156	10	19	21,285	152,813	228,032
Marion	75	142,440	450	1	1	44,080	174,615	301,097
Marlborough	33	59,550	85	.....	1	10,650	124,206	156,131
Newberry	52	73,925	145	.....	4	21,067	172,012	233,187
Oconee	51	89,400	129	6	8	17,000	112,057	176,803
Orangeburgh	43	75,450	275	.....	8	28,614	83,871	143,603
Pickens	55	37,230	60	.....	1	6,190	98,658	123,365
Richland	81	105,765	388	4	28	102,625	201,739	413,391
Spartanburgh	107	307,775	278	97	79	71,414	409,554	610,125
Sumter	73	113,469	505	3	8	61,915	190,496	342,910
Union	41	95,820	96	1	.....	13,525	153,571	197,813
Williamsburgh	53	93,860	313	1	1	39,640	150,433	254,654
York	72	137,475	135	.....	3	22,981	328,221	412,130

B—SOUTH CAROLINA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,078	$11,205,894	13,687	1,023	1,118	$2,836,289	$9,885,538	$16,738,008
Agricultural implements	7	18,150	33	10	45	7,050	5,250	17,475
Axle-grease	2	7,000	4	.....	.....	1,768	4,600	8,400
Bagging, flax, hemp, and jute	1	100,000	35	66	8	23,473	96,736	148,000
Bags, other than paper	1	7,500	1	10	5	1,100	35,000	40,000
Baskets, rattan and willow ware	2	500	1	.....	1	626	750	1,951
Blacksmithing (see also Wheelwrighting)	175	70,745	290	.....	6	50,146	66,289	192,371
Bookbinding and blank-book making	1	1,000	2	.....	.....	1,000	500	2,500
Boots and shoes, including custom work and repairing	43	24,495	75	.....	2	20,112	31,609	74,752
Bread and other bakery products	20	69,900	80	1	16	35,946	158,382	226,045
Brick and tile	29	31,100	269	2	96	35,903	17,208	80,819
Carpentering	32	40,125	520	.....	15	115,913	158,198	326,590
Carriages and wagons (see also Wheelwrighting)	10	86,200	131	.....	.....	40,570	59,966	141,852
Cars, railroad, street, and repairs	2	1,300	9	.....	.....	8,912	3,940	9,813
Clothing, men's	8	40,300	37	5	4	12,200	25,900	49,200
Coffins, burial cases, and undertakers' goods	1	1,200	2	.....	.....	350	1,500	2,500
Confectionery	5	3,000	7	.....	3	2,830	15,250	23,240
Cooperage	12	7,325	26	1	.....	5,489	5,400	15,725
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	3,000	2	.....	1	1,000	3,000	5,000
Cotton compressing	4	530,000	230	.....	.....	62,900	65,000	198,000
Cotton goods	14	2,776,100	661	772	585	880,844	1,808,300	2,895,769
Cotton-ties	1	2,000	15	.....	15	4,095	4,000	10,000
Dentistry, mechanical	7	2,800	.....	.....	.....	.....	3,785	9,800
Fertilizers	28	3,493,300	2,679	10	70	576,580	1,297,204	2,691,053
Flouring- and grist mill products	720	1,330,269	1,048	1	3	139,352	3,265,485	3,779,470
Foundery and machine-shop products	18	179,850	283	.....	31	90,449	137,389	289,502
Furnishing goods, men's	1	8,000	2	33	.....	5,000	4,500	15,000
Furniture (see also Mattresses and spring beds; Upholstering)	7	3,025	5	.....	2	1,395	2,805	9,350
Leather, curried	22	8,400	21	.....	.....	2,452	32,602	43,520
Leather, tanned	28	42,675	61	.....	.....	9,120	47,225	73,597
Lime	2	5,000	28	.....	.....	5,205	2,660	9,500
Liquors, distilled	10	6,700	10	.....	.....	785	6,240	9,705
Liquors, malt	1	75,000	6	.....	.....	2,917	13,440	22,240
Lock- and gun-smithing	8	2,430	6	.....	3	2,858	2,150	11,968
Lumber, planed (see also Sash, doors, and blinds)	12	109,500	220	.....	34	52,770	142,700	238,250
Lumber, sawed	420	1,056,265	1,431	.....	37	221,963	1,237,361	2,031,507
Marble and stone work	14	26,650	44	.....	4	18,870	27,950	59,734
Mattresses and spring beds (see also Furniture)	1	500	2	.....	.....	100	300	900
Mineral and soda waters	4	5,000	14	.....	.....	4,200	8,200	21,150
Painting and paperhanging	10	6,810	51	.....	.....	11,794	14,754	34,365
Patent medicines and compounds	1	200	3	.....	.....	300	600	1,800

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—SOUTH CAROLINA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Photographing	7	$8,400	8	1	.....	$2,950	$2,980	$14,200
Plumbing and gasfitting	7	4,400	12	.....	8	9,436	19,700	34,876
Printing and publishing	14	132,700	194	35	13	115,947	89,450	209,520
Rice cleaning and polishing	2	68,000	94	20	20	18,000	13,500	50,000
Saddlery and harness	25	27,700	49	.....	6	18,192	56,286	97,922
Sash, doors, and blinds (see also Lumber, planed)	1	2,000	6	.....	.....	1,872	1,040	4,000
Shingles, split	1	250	1	.....	.....	75	250	550
Shipbuilding	16	46,300	94	.....	.....	55,990	55,250	144,000
Soap and candles	1	300	1	.....	.....	418	1,500	2,000
Stencils and brands	1	1,000	3	.....	.....	1,000	200	1,800
Stone- and earthen-ware	3	6,500	18	.....	.....	2,200	8,500	16,200
Tar and turpentine, not including farm products	192	565,290	4,512	52	55	555,460	666,179	1,893,206
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	20	37,850	70	.....	3	18,507	43,396	81,858
Tobacco, cigars and cigarettes	9	11,600	40	.....	1	14,391	12,572	38,462
Upholstering (see also Furniture)	4	13,400	11	4	.....	6,000	30,420	49,000
Watch and clock repairing	12	6,750	13	.....	3	11,221	3,430	22,100
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	67	72,640	195	.....	23	59,021	47,290	141,226
Woolen goods	11	7,900	13	.....	.....	1,173	19,455	24,075

A—TENNESSEE, BY TOTALS OF COUNTIES.

The State	4,326	$20,092,845	10,575	1,196	1,674	$5,254,775	$23,834,262	$37,074,886
COUNTIES.								
Anderson	14	18,150	27	.....	2	3,222	26,910	37,561
Bedford	112	297,892	236	31	31	51,183	441,383	606,737
Benton	15	29,100	38	.....	.....	5,669	36,715	51,987
Bledsoe	10	7,521	12	.....	.....	1,039	12,296	17,869
Blount	42	124,760	103	36	15	22,206	167,388	236,565
Bradley	35	84,175	99	.....	3	19,540	208,070	266,316
Campbell	14	7,335	15	.....	.....	1,490	14,490	20,225
Cannon	25	52,500	42	.....	.....	6,560	95,870	138,165
Carroll	41	137,200	80	.....	.....	13,951	108,130	153,793
Carter	69	121,015	394	12	5	34,221	197,135	306,893
Cheatham	35	150,236	96	.....	9	19,216	87,328	139,007
Claiborne	32	50,375	28	.....	.....	4,060	63,947	88,625
Clay	4	18,300	22	.....	.....	4,265	18,105	27,567
Cocke	25	86,037	70	.....	.....	11,491	70,293	95,900
Coffee	18	135,100	109	16	21	27,804	169,059	249,500
Crockett	36	60,425	91	.....	.....	14,480	96,880	141,153
Cumberland	6	7,200	8	.....	1	465	1,870	4,470
Davidson	352	4,110,345	4,133	538	474	1,388,601	5,841,841	9,385,211
Decatur	5	106,000	73	.....	1	10,930	16,042	30,947
De Kalb	59	62,735	95	2	.....	11,863	122,760	175,277
Dickson	16	184,600	173	6	16	45,070	66,544	134,388
Dyer	23	51,100	83	.....	9	13,250	148,075	198,980
Fayette	30	49,065	61	.....	3	8,982	51,216	83,714
Fentress	3	5,000	12	.....	.....	1,625	14,575	19,630
Franklin	51	111,400	126	3	10	20,109	159,229	219,974
Gibson	71	190,415	268	3	11	63,289	336,148	500,072
Giles	140	207,156	243	12	37	44,874	283,400	426,640
Grainger	31	35,875	38	.....	.....	3,607	44,172	60,544
Greene	123	277,470	161	9	7	25,985	223,518	335,541
Grundy	16	157,700	147	.....	.....	49,443	98,437	194,350
Hamblen	57	86,388	92	.....	.....	18,864	165,538	218,700
Hamilton	58	2,045,000	1,958	7	168	568,508	2,056,438	3,230,606
Hancock	18	12,005	21	.....	.....	3,520	31,841	43,475
Hardeman	48	72,120	70	.....	2	12,600	99,088	141,597
Hardin	31	65,400	68	.....	1	8,335	65,070	97,904
Hawkins	91	93,745	123	7	.....	18,371	203,463	271,385
Haywood	25	68,400	109	.....	4	30,294	207,097	316,766
Henderson	29	41,735	39	.....	3	3,934	75,394	100,873
Henry	61	326,525	208	57	18	51,941	427,504	602,220
Hickman	30	147,335	63	36	20	18,025	133,135	185,525
Houston	11	51,595	89	.....	2	18,225	56,321	95,958
Humphreys	35	86,728	122	4	9	15,810	105,086	162,195
Jackson	23	32,980	39	.....	1	5,080	33,562	49,147
James	11	17,950	16	.....	.....	2,500	30,074	40,164
Jefferson	25	45,440	43	.....	1	5,975	144,742	186,465
Johnson	27	88,550	183	2	6	23,132	39,002	77,328
Knox	136	957,440	786	9	179	820,121	1,066,061	1,629,045
Lake	4	20,000	52	.....	.....	7,720	27,250	42,500
Lauderdale	33	45,450	92	.....	.....	9,889	66,471	93,293
Lawrence	27	211,136	216	81	42	61,734	132,792	197,851
Lewis	2	3,300	9	.....	2	975	2,100	4,200
Lincoln	97	212,000	231	16	31	44,127	334,803	464,950
Loudon	55	177,665	116	17	17	33,270	185,091	298,255
McMinn	58	165,175	95	24	7	24,745	168,042	242,149
McNairy	15	28,700	43	.....	1	4,638	52,059	65,900

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—TENNESSEE, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Macon	36	$57,165	69	.....	1	$8,807	$83,976	$131,546
Madison	73	246,700	272	2	12	70,762	333,947	567,160
Marion	25	400,165	309	.....	11	101,715	303,764	513,968
Marshall	30	67,700	77	.....	.....	10,171	112,326	144,906
Maury	134	277,896	296	.....	5	59,116	387,012	571,549
Meigs	42	44,280	50	.....	1	7,332	85,132	116,289
Monroe	59	70,050	82	4	1	12,224	73,543	107,564
Montgomery	64	376,250	458	49	110	136,410	544,308	812,841
Moore	40	78,430	61	.....	1	12,141	83,029	134,835
Morgan	6	5,400	7	.....	1	1,100	7,350	12,100
Obion	49	280,600	369	4	57	125,350	380,387	644,542
Overton	13	18,100	25	.....	2	2,695	20,870	33,526
Perry	21	66,030	60	.....	1	11,031	161,334	221,173
Polk	5	10,850	8	.....	.....	1,460	21,450	25,811
Putnam	20	25,425	38	.....	1	5,050	33,007	50,556
Rhea	1	10,000	3	.....	.....	1,000	24,000	27,500
Roane	48	787,268	461	.....	31	88,452	221,456	348,426
Robertson	87	344,885	227	2	.....	48,577	388,210	558,580
Rutherford	98	181,755	285	2	16	73,488	419,149	614,292
Scott	2	6,500	4	.....	.....	900	11,740	14,089
Sequatchie	6	7,000	4	.....	.....	490	14,550	19,150
Sevier	34	50,540	57	.....	.....	5,262	38,945	55,364
Shelby	186	2,452,425	2,278	69	69	876,566	2,640,910	4,759,091
Smith	59	86,140	96	.....	.....	11,153	155,955	207,753
Stewart	22	597,465	310	.....	51	31,288	85,767	111,642
Sullivan	125	244,177	298	36	31	57,863	296,513	466,680
Sumner	67	198,646	194	41	30	48,348	212,856	342,387
Tipton	25	38,325	67	.....	2	11,331	71,500	104,989
Trousdale	17	23,378	12	.....	.....	1,592	24,005	33,065
Unicoi	1	1,000	.....	.....	.....	.....	.....	.....
Union	20	30,120	26	.....	2	4,157	71,825	91,145
Van Buren	5	5,900	7	.....	.....	960	8,108	12,122
Warren	56	200,803	142	49	27	38,620	209,752	308,294
Washington	93	162,508	153	2	2	28,389	263,930	370,167
Wayne	30	120,220	48	.....	.....	6,350	48,274	67,398
Weakley	39	89,050	194	.....	10	23,107	140,743	205,079
White	35	49,585	69	.....	4	11,634	89,579	118,768
Williamson	79	124,575	185	8	1	24,035	302,071	413,785
Wilson	114	206,595	308	.....	25	54,986	341,149	525,389

B—TENNESSEE, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	4,326	$20,092,845	10,575	1,196	1,674	$5,254,775	$23,834,262	$37,074,886
Agricultural implements	33	161,030	172	1	5	43,277	59,280	182,116
Bags, paper	1	50,000	10	12	3	6,480	71,300	88,005
Baskets, rattan and willow ware	1	500	.....	1	.....	250	325	1,800
Blacksmithing (see also Wheelwrighting)	722	226,067	756	2	16	134,970	219,086	698,469
Bookbinding and blank-book making	5	56,000	26	21	5	13,850	47,125	92,200
Boots and shoes, including custom work and repairing	197	113,826	308	2	5	88,835	150,845	369,952
Boxes, wooden, packing	3	23,500	32	.....	14	12,905	24,481	46,000
Bread and other bakery products	18	120,100	116	6	9	45,300	214,374	335,917
Brick and tile	90	343,354	1,224	7	322	247,227	139,568	523,113
Brooms and brushes	11	12,165	42	2	7	9,475	29,435	54,925
Buttons	1	1,000	1	1	2	600	2,000	5,000
Carpentering	104	131,898	459	.....	.....	168,227	325,356	642,770
Carriage and wagon materials	3	52,500	44	.....	10	15,000	33,000	77,000
Carriages and wagons (see also Wheelwrighting)	51	715,050	942	2	11	219,998	580,300	1,253,721
Cars, railroad, street, and repairs	3	175,000	190	.....	.....	69,500	161,500	251,000
Cheese and butter (factory)	2	1,800	4	.....	1	300	1,188	1,980
Clothing, men's	14	49,200	111	242	10	87,600	123,300	277,275
Clothing, women's	1	30,000	18	.....	.....	7,000	24,000	40,000
Coffee and spices, roasted and ground	2	19,000	6	.....	.....	2,625	132,450	142,475
Coffins, burial cases, and undertakers' goods	27	40,485	36	.....	.....	10,640	31,600	75,900
Coke	4	200,021	114	.....	.....	38,820	132,220	212,403
Confectionery	10	89,500	87	76	12	35,450	266,500	361,225
Cooperage	52	36,350	172	.....	.....	44,284	55,240	153,275
Corsets	2	3,500	5	3	3	3,336	4,500	11,000
Cotton compressing	3	530,000	173	.....	.....	102,825	152,670	311,750
Cotton goods (see also Mixed textiles)	19	1,184,600	296	543	289	170,507	586,609	934,014
Cotton-ties	1	50,000	25	.....	15	13,684	66,378	101,538
Dentistry, mechanical	2	2,500	1	.....	.....	240	1,000	4,000
Electroplating	1	100	.....	.....	.....	.....	275	875
Fertilizers	2	6,500	3	.....	.....	1,050	7,150	11,000
Flouring- and grist-mill products	990	3,595,585	1,847	.....	2	376,399	9,070,421	10,784,804
Foundery and machine-shop products (see also Iron work, architectural and ornamental)	50	551,950	738	2	26	269,272	610,824	1,191,531
Furnishing goods, men's	1	5,000	12	.....	.....	2,500	10,000	20,000
Furniture (see also Mattresses and spring beds; Upholstering)	85	511,250	643	7	149	231,772	427,637	954,100
Furniture, chairs	7	10,900	16	1	4	3,350	4,650	13,750

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—TENNESSEE, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Grease and tallow	1	$10,000	3			$2,570	$49,586	$67,105
Gunpowder	1	100,000	12			6,000	25,000	40,000
Handles, wooden	1	3,500	6		2	600	1,500	3,750
Instruments, professional and scientific	1	1,200	2			624	225	2,500
Iron and steel	43	3,681,776	2,758	10	309	659,773	1,376,059	2,274,203
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	2,000	3			1,040	1,000	2,750
Kaolin and ground earths	1	44,027	20			6,000	4,914	10,695
Leather, curried	113	154,185	118		2	27,700	452,774	546,427
Leather, tanned	147	470,075	333		12	86,988	1,041,605	1,504,660
Lime	3	13,500	49			10,000	8,350	25,800
Liquors, distilled	63	373,573	136			43,344	353,776	540,729
Liquors, malt	3	66,500	30			9,602	43,637	73,869
Lock- and gun-smithing	12	8,750	12		2	5,275	6,650	21,425
Looking-glass and picture frames	5	15,000	28		4	10,164	18,375	38,675
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	15	117,700	169		24	63,275	150,570	270,405
Lumber, sawed	755	2,004,503	3,577		141	549,222	2,142,885	3,744,905
Marble and stone work	30	82,280	171		2	61,065	81,937	237,596
Masonry, brick and stone	8	31,440	180			56,410	134,715	221,625
Mattresses and spring beds (see also Furniture)	2	4,000	9	1		3,770	5,550	10,000
Mineral and soda waters	5	43,000	48		1	12,602	52,675	123,775
Mixed textiles (see also Cotton goods; Woolen goods)	1	35,000	15	8	5	7,500	52,780	79,000
Musical instruments and materials (not specified)	2	5,500	3			2,000	175	3,500
Oil, cottonseed and cake	9	935,000	644	4	18	163,340	812,000	1,235,000
Painting and paperhanging	12	27,600	76			28,268	34,375	93,468
Paints	1	1,200	3			1,170	1,200	2,730
Paper	1	20,500	5	5	10	3,250	12,000	17,075
Patent medicines and compounds	8	86,500	38	7	6	18,801	50,250	120,300
Photographing	2	3,200	4			3,500	4,260	15,660
Plumbing and gasfitting	12	37,400	110		7	40,225	94,758	174,950
Printing and publishing	30	625,550	368	41	53	248,356	213,026	653,645
Pumps, not including steam pumps	2	155,000	102		3	19,983	120,000	184,500
Saddlery and harness	86	180,166	382	1	31	123,912	308,295	595,135
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	8	183,500	102	1	3	80,100	132,930	268,930
Scales and balances	1	500	3			1,960	1,580	3,500
Sewing machines and attachments	2	1,000	3			1,100	600	2,700
Shingles, split	1	1,000	4			600	400	1,500
Shipbuilding	1	500	5		1	600	4,100	5,000
Show-cases	2	1,650	2		1	1,350	3,930	7,480
Silversmithing	5	2,750	2			1,100	1,125	5,250
Slaughtering and meat-packing, not including retail butchering establishments.	6	105,000	227			47,600	1,019,692	1,376,476
Soap and candles	5	36,200	16			4,645	28,200	43,400
Stencils and brands	2	3,500	1			350	700	3,450
Stone- and earthen-ware	8	16,900	24	2	3	5,294	2,115	12,260
Tinware, copperware, and sheet-iron ware	70	365,750	374	10	7	134,367	346,290	710,813
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	7	105,300	36	12	12	10,250	38,820	66,000
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	7	14,600	31	4	4	6,210	10,180	25,210
Tobacco stemming	5	113,000	60	45	53	22,000	146,000	194,000
Trunks and valises	4	30,500	41		12	17,650	25,700	68,700
Upholstering (see also Furniture)	5	55,250	23	3		11,625	7,758	35,000
Watch and clock repairing	10	13,300	14			12,365	12,795	37,580
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	173	84,545	180		2	32,589	51,275	171,333
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	1	150					100	500
Wooden ware	3	99,430	134		32	41,900	154,300	247,350
Woolen goods (see also Mixed textiles)	106	418,664	249	111	42	67,063	423,054	620,724

A—TEXAS, BY TOTALS OF COUNTIES.

The State	2,996	$9,245,561	11,645	116	398	$3,343,087	$12,956,269	$20,719,928
COUNTIES.								
Anderson	24	47,500	147		1	27,977	50,954	138,105
Angelina	3	6,475	12			927	3,250	6,250
Aransas	2	200,700	126			47,150	254,600	454,915
Archer (a)								
Armstrong (a)								
Atascosa (a)								
Austin	55	71,910	161			29,341	86,202	151,673
Bandera	2	5,060	4			1,200	7,300	10,640
Bastrop	59	79,175	161			17,847	86,249	129,634
Baylor	1	300					300	800
Bee	6	4,800	3			755	2,350	5,700
Bell	45	139,042	93	2		19,942	248,761	321,966
Bexar	72	310,300	301	13	48	137,811	328,526	643,112
Blanco	9	15,250	12			1,517	16,670	25,196
Borden (a)								
Bosque	11	29,300	49			6,730	140,277	161,784
Bowie	25	186,725	185	2	8	47,911	228,027	417,840
Brazoria	1	250	2			50	450	550
Brazos	5	52,500	41	2	1	13,759	52,286	73,733
Briscoe (a)								

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—TEXAS, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Brown	7	$25,049	18	.....	1	$2,865	$109,050	$141,670
Burleson	6	8,200	14	.....	.....	1,810	9,960	12,490
Burnet	19	35,737	38	.....	4	5,791	77,186	97,427
Caldwell	28	52,350	48	.....	1	7,386	106,752	131,789
Calhoun	1	300	2	.....	.....	1,200	1,400	3,000
Callahan	1	300	2	.....	.....	300	3,710	4,411
Cameron	2	16,250	10	.....	.....	5,000	2,660	15,050
Camp	14	25,150	25	.....	.....	3,625	24,608	37,134
Cass	64	146,720	289	.....	6	63,125	201,836	345,916
Chambers	4	2,850	10	.....	.....	1,510	3,520	6,550
Cherokee	32	39,650	79	.....	.....	9,902	72,810	97,956
Childress (a)	.....	.....	.....	.....	.....	.....	.....	.....
Clay	5	24,500	23	.....	.....	5,720	29,050	39,230
Coleman	3	4,200	6	2	.....	3,900	1,700	6,910
Collin	37	130,050	109	.....	1	26,834	218,354	291,931
Collingsworth (a)	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	28	37,825	55	.....	3	14,100	50,100	84,260
Comal	48	168,500	68	8	1	34,815	149,017	231,331
Comanche	18	37,195	29	.....	.....	8,580	109,830	144,792
Concho (a)	.....	.....	.....	.....	.....	.....	.....	.....
Cooke	25	47,525	105	.....	10	26,084	135,044	183,205
Coryell	12	35,000	34	.....	.....	6,700	83,400	100,649
Cottle (a)	.....	.....	.....	.....	.....	.....	.....	.....
Crockett (a)	.....	.....	.....	.....	.....	.....	.....	.....
Crosby (a)	.....	.....	.....	.....	.....	.....	.....	.....
Dallas	126	450,125	527	12	26	221,680	916,288	1,459,362
Dawson (a)	.....	.....	.....	.....	.....	.....	.....	.....
Deaf Smith (a)	.....	.....	.....	.....	.....	.....	.....	.....
Delta	9	11,625	13	.....	.....	1,477	12,270	16,610
Denton	22	65,420	64	.....	.....	11,645	74,576	104,344
De Witt	28	48,450	53	1	4	8,513	63,778	97,286
Dickens (a)	.....	.....	.....	.....	.....	.....	.....	.....
Dimmit	1	200	1	.....	.....	150	1,500	3,000
Donley (a)	.....	.....	.....	.....	.....	.....	.....	.....
Duval (a)	.....	.....	.....	.....	.....	.....	.....	.....
Eastland	9	11,200	20	.....	.....	2,416	28,161	35,343
Edwards (a)	.....	.....	.....	.....	.....	.....	.....	.....
Ellis	30	44,250	103	.....	.....	23,088	148,511	201,238
El Paso	4	25,500	19	.....	.....	5,200	81,630	105,303
Encinal (a)	.....	.....	.....	.....	.....	.....	.....	.....
Erath	14	31,900	49	.....	.....	6,955	53,813	72,158
Falls	12	16,750	29	.....	.....	5,565	11,425	22,300
Fannin	40	126,800	144	.....	11	30,709	148,644	223,229
Fayette	74	118,448	150	.....	.....	23,882	120,048	181,844
Fisher (a)	.....	.....	.....	.....	.....	.....	.....	.....
Floyd (a)	.....	.....	.....	.....	.....	.....	.....	.....
Fort Bend	18	26,850	61	.....	.....	7,942	23,109	43,200
Franklin	15	28,450	62	.....	.....	10,305	29,990	56,550
Freestone	21	33,850	57	.....	.....	6,038	58,240	76,878
Frio (a)	.....	.....	.....	.....	.....	.....	.....	.....
Gaines (a)	.....	.....	.....	.....	.....	.....	.....	.....
Galveston	172	871,750	634	15	36	500,255	1,283,846	2,377,065
Garza (a)	.....	.....	.....	.....	.....	.....	.....	.....
Gillespie	22	37,500	26	.....	.....	4,594	51,171	67,248
Goliad	6	7,200	10	.....	.....	3,134	5,225	12,547
Gonzales	31	64,800	66	.....	3	9,790	55,406	77,063
Gray (a)	.....	.....	.....	.....	.....	.....	.....	.....
Grayson	77	345,900	330	5	8	105,899	393,399	612,024
Gregg	15	117,900	186	.....	1	34,901	99,183	174,788
Grimes	33	127,450	185	1	.....	32,533	116,625	191,301
Guadalupe	16	20,350	19	.....	.....	3,023	39,341	51,244
Hall (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton	13	32,850	41	.....	.....	4,140	28,545	38,207
Hansford (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hardeman (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hardin (a)	.....	.....	.....	.....	.....	.....	.....	.....
Harris	85	683,625	688	7	47	296,369	687,204	1,303,293
Harrison	39	93,275	264	5	9	71,388	149,419	281,111
Hartley (a)	.....	.....	.....	.....	.....	.....	.....	.....
Haskell (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hayes	10	51,300	28	.....	.....	6,235	33,645	47,931
Hemphill (a)	.....	.....	.....	.....	.....	.....	.....	.....
Henderson	14	15,775	53	.....	.....	4,650	22,950	32,344
Hidalgo (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hill	36	36,760	86	.....	3	11,074	101,604	154,685
Hood	5	25,125	12	.....	.....	2,980	48,104	55,641
Hopkins	18	57,450	67	3	3	13,575	100,015	127,910
Houston	26	55,600	72	.....	.....	5,971	67,777	85,954
Howard (a)	.....	.....	.....	.....	.....	.....	.....	.....
Hunt	21	42,450	56	.....	1	9,943	96,033	127,955

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—TEXAS, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Hutchinson (a)								
Jack	12	$20,675	30			$4,700	$24,907	$37,199
Jackson	3	750	2			1,000	1,175	3,500
Jasper	4	2,500	4			300	2,215	3,062
Jefferson	10	271,600	292		27	118,400	286,710	483,000
Johnson	49	61,337	117			24,402	105,072	162,060
Jones (a)								
Karnes	5	4,000	2			375	5,590	8,300
Kaufman	38	85,950	124	1	9	29,006	293,070	399,262
Kendall	2	2,500	3			654	1,341	2,657
Kent (a)								
Kerr	4	15,500	5			1,300	17,317	21,819
Kimble (a)								
King (a)								
Kinney	1	500	1			500	8,225	11,100
Knox (a)								
Lamar	37	74,970	159	4	6	37,241	142,175	226,266
Lampasas	13	28,700	23			3,605	45,000	63,277
La Salle (a)								
Lavaca	33	54,900	72			8,608	55,114	74,739
Lee	23	42,960	38			3,961	41,452	51,819
Leon	4	8,350	22		1	2,250	11,530	17,150
Liberty	17	56,600	147		2	40,718	134,578	217,735
Limestone	31	45,000	160	2	11	30,562	89,193	151,976
Lipscomb (a)								
Live Oak	3	615					750	2,000
Llano (a)								
Lubbock (a)								
Lynn (a)								
McCulloch (a)								
McLennan	41	183,000	203	10	27	61,536	265,861	379,510
McMullen (a)								
Madison (a)								
Marion	10	78,800	240		5	69,870	71,140	164,811
Martin (a)								
Mason	2	765					360	1,300
Matagorda	5	6,000	10			830	3,080	4,820
Maverick	1	1,000	2			300	400	1,500
Medina	14	27,175	17			2,680	62,300	80,492
Menard (a)								
Milam	40	53,335	134	2		9,828	50,110	74,131
Mitchell (a)								
Montague	23	45,243	48			4,715	50,411	65,834
Montgomery	35	168,020	418		7	108,224	278,755	495,990
Morris	11	20,000	38			8,123	15,704	38,150
Motley (a)								
Nacogdoches	26	31,900	47		2	4,309	28,166	39,707
Navarro	21	42,385	78			9,487	70,897	94,338
Newton	16	12,600	34			1,505	20,084	25,324
Nolan (a)								
Nueces	3	29,500	11			2,430	1,040	4,988
Oldham (a)								
Orange	9	212,500	311		3	123,600	307,200	519,900
Palo Pinto	9	15,350	20			3,976	11,315	24,425
Panola	20	26,584	68		2	5,608	78,202	98,962
Parker	16	68,025	53			17,155	207,865	249,223
Pecos (a)								
Polk	4	12,850	29			5,952	17,175	30,600
Potter (a)								
Presidio	1	3,000	7			415	4,150	6,000
Rains	6	4,225	10			2,150	9,550	16,800
Randall (a)								
Red River	73	127,705	221		5	42,627	150,116	253,810
Refugio (a)								
Roberts (a)								
Robertson	16	17,300	41		2	7,745	20,455	41,760
Rockwall	1	2,000	3			153	1,538	1,950
Runnels (a)								
Rusk	28	28,825	95			7,881	35,677	54,175
Sabine	7	6,850	19			2,052	10,970	16,130
San Augustine	13	11,100	38		1	4,200	12,680	24,070
San Jacinto	8	30,500	33		1	11,580	40,230	66,000
San Patricio (a)								
San Saba	7	32,100	20			1,720	33,575	39,175
Scurry (a)								
Shackelford	6	13,950	13			4,044	8,487	19,012
Shelby	22	22,481	60		2	6,135	22,408	37,304
Smith	20	23,275	41		2	7,600	20,533	36,588
Somervell	3	33,700	10	1	3	2,770	33,200	42,500
Starr (a)								

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—TEXAS, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Stephens	6	$8,350	17			$3,150	$3,675	$9,500
Stonewall (a)								
Swisher (a)								
Tarrant	58	152,741	158	2	3	50,832	338,825	476,087
Taylor (a)								
Throckmorton (a)								
Titus	15	8,750	33			3,807	13,645	23,230
Tom Green	1	1,100	1			450	2,094	3,415
Travis	116	485,775	427	9	24	201,808	418,905	833,538
Trinity	12	16,850	58			7,005	44,209	63,822
Tyler	7	9,200	13			800	3,995	6,675
Upshur	23	45,699	136			28,888	104,572	164,212
Uvalde	2	7,000	3			600	12,750	15,014
Van Zandt	21	131,200	62	1	1	17,352	105,706	156,293
Victoria	4	9,900	4			661	9,851	12,040
Walker	24	62,600	191			22,821	103,145	153,564
Waller	8	92,350	60	2	2	10,930	73,895	111,500
Washington	45	65,125	90		12	12,860	58,234	96,099
Webb (a)								
Wharton (a)								
Wheeler (a)								
Wichita (a)								
Wilbarger (a)								
Williamson	11	43,200	43			3,481	63,893	73,794
Wilson	13	17,250	24	3		2,557	9,630	17,910
Wise	26	54,030	52			7,440	63,288	87,413
Wood	51	121,475	247	1	4	45,160	178,397	294,560
Young	9	25,700	15			3,565	83,600	97,500
Zapata	2	300	2			380	1,000	2,200
Zavalla (a)								

a Returned as having no manufactures.

B—TEXAS, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,996	$9,245,561	11,645	116	398	$3,343,087	$12,956,269	$20,719,928
Agricultural implements	13	33,800	133		6	46,750	46,700	143,700
Bags, other than paper	1	3,000	4			2,200	7,000	11,500
Bags, paper	1	4,000	10			1,000	4,000	6,000
Baking and yeast powders (see also Drugs and chemicals)	1	13,000	7			2,000	3,000	6,500
Blacksmithing (see also Wheelwrighting)	467	299,645	688	3	16	180,502	247,464	727,070
Bookbinding and blank-book making	2	1,250	9	1	1	2,350	1,700	6,000
Boots and shoes, including custom work and repairing	163	100,152	293	2		87,223	140,043	372,810
Boxes, fancy and paper	2	250	7	1	4	1,250	1,450	4,500
Bread and other bakery products	26	56,150	60	1	3	31,415	147,046	243,418
Brick and tile (see also Drain and sewer pipe)	113	189,530	1,042	8	135	204,499	105,074	448,418
Brooms and brushes	7	3,300	25	3		5,575	7,520	18,300
Carpentering	107	84,405	352			140,556	331,422	661,370
Carriages and wagons (see also Wheelwrighting)	34	150,700	205		6	92,014	139,000	301,300
Cars, railroad, street, and repairs	1	15,000	5			2,000	2,000	5,500
Cement	1	5,000	3			400	1,000	2,000
Clothing, men's	30	45,970	103	11	4	42,639	70,776	158,331
Coffee and spices, roasted and ground	2	2,500	3			1,240	6,000	9,050
Coffins, burial cases, and undertakers' goods	3	7,000	3			2,000	2,500	6,000
Confectionery	16	85,300	55	5	4	31,830	141,485	241,350
Cooperage	14	25,650	53		1	41,525	94,650	172,800
Cotton compressing	1	40,000	25			5,000	1,500	8,000
Cotton goods	2	50,000	40	10	16	2,466	14,827	21,600
Cutlery and edge tools (see also Hardware; Tools)	1	1,500	5	5		2,560	2,500	12,000
Dentistry, mechanical	2	700	1			800	800	3,500
Drain and sewer pipe (see also Brick and tile)	2	8,500	6			3,600	4,200	13,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	1	2,000	7		2	5,552	6,000	13,827
Fertilizers	1	25,000	25			10,000	80,000	100,000
Flavoring extracts	1	500	1			200	800	1,300
Flouring- and grist-mill products	921	3,082,952	2,602	1	6	368,683	6,371,606	7,617,177
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	30	365,350	349		11	149,212	228,151	532,778
Furnishing goods, men's	1	800	2			400	200	1,000
Furniture (see also Mattresses and spring beds; Upholstering)	41	76,480	98	4	3	35,400	61,225	152,150
Furniture, chairs	4	1,925	2			250	988	2,090
Furs, dressed	1	1,000	2			1,700	1,800	4,000
Hand-stamps	1	350					500	1,250
Hardware (see also Cutlery and edge tools; Tools)	2	1,600	3			1,150	2,150	3,900
Hats and caps, not including wool hats	2	1,850	3	2	1	1,100	2,400	5,500
Ice, artificial	12	342,500	79		7	46,855	45,485	176,000
Iron and steel	1	40,000	140			27,720	23,580	36,000
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	2,000	3			2,500	4,000	8,000
Jewelry	1	10,000	7			8,000	2,000	12,000
Kindling wood	2	2,250	9			1,600	3,000	6,700
Leather, curried	21	22,150	14		1	3,924	46,017	62,535
Leather, tanned	28	31,850	38		1	7,411	39,030	63,750
Lime	3	80,000	54			17,400	13,916	48,204

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—TEXAS, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Liquors, distilled	1	$600	1			$50	$425	$650
Liquors, malt	19	45,400	18			6,241	28,841	47,059
Liquors, vinous (see also Liquors, distilled)	3	17,500	10	1		4,300	2,900	9,000
Lock- and gun-smithing	15	9,025	11		1	4,450	8,135	21,050
Looking-glass and picture frames	2	11,500	4			3,560	3,750	11,800
Lumber, planed (see also Sash, doors, and blinds)	17	143,000	187		4	73,775	295,640	456,000
Lumber, sawed	324	1,660,952	3,136	1	49	732,914	2,096,775	3,673,449
Marble and stone work	9	21,450	42			17,400	26,800	68,100
Masonry, brick and stone	4	2,500	17			1,440	3,100	9,200
Mattresses and spring beds (see also Furniture)	6	14,900	20	2		7,350	10,300	23,400
Mineral and soda waters	11	19,450	18	6		7,670	9,450	28,400
Models and patterns	2	450	2		1	700	500	2,000
Musical instruments, pianos and materials	1	4,000	2			2,000	900	3,500
Oil, cottonseed and cake	4	202,000	151	4	3	36,272	192,441	276,450
Painting and paperhanging	25	44,200	92			50,475	74,400	167,250
Patent medicines and compounds (see also Drugs and chemicals)	6	22,000	21		2	11,450	27,500	64,500
Perfumery and cosmetics	1	500	1			500	300	1,000
Photographing	12	13,200	7	3	1	7,155	4,855	28,415
Pickles, preserves, and sauces	1	800	1			480	1,200	3,050
Plumbing and gasfitting	3	21,500	18		2	17,050	24,400	52,900
Printing and publishing	39	447,900	307	19	88	232,924	207,438	605,000
Pumps, not including steam pumps	1	2,000	3			900	4,000	10,000
Roofing and roofing materials	2	3,500	8			1,500	6,500	13,000
Saddlery and harness	126	286,925	260	2	8	110,576	325,579	587,871
Safes, doors, and vaults, fire-proof	1	600	1			850	500	3,500
Salt	3	92,000	17	1	1	8,150	9,100	29,700
Sash, doors, and blinds (see also Lumber, planed)	8	106,400	81		1	49,800	305,200	416,500
Shingles, split	2	1,150	11			1,050	700	3,900
Shipbuilding	16	23,350	43			30,170	40,340	77,780
Shirts	1	500		5		2,000	2,750	8,250
Show-cases	2	2,500	4			3,500	5,000	16,500
Silversmithing	3	495	1			50	850	2,300
Slaughtering and meat-packing, not including retail butchering establishments.	3	202,200	132			49,800	280,220	486,400
Soap and candles	7	33,200	18		1	7,700	35,000	54,940
Stencils and brands	2	1,400	1		1	1,250	2,200	6,200
Stone- and earthen-ware	6	5,600	19			4,830	2,550	13,270
Tinware, copperware, and sheet-iron ware	86	236,730	211		6	105,174	259,300	491,420
Tobacco, cigars and cigarettes	31	91,300	104	5	1	67,556	99,200	263,810
Tools (see also Cutlery and edge tools; Hardware)	1	600					100	600
Umbrellas and canes	1	500	1			550	200	1,500
Upholstering (see also Furniture)	3	1,125	2	2		700	2,800	5,700
Watch and clock repairing	14	42,200	15			6,450	6,000	22,192
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	83	58,100	94			23,124	44,690	117,475
Wirework	1	2,000	10			1,000	2,500	5,000
Woolen goods	1	97,500	28	8		25,700	44,435	80,500

A—UTAH TERRITORY, BY TOTALS OF COUNTIES.

The Territory	640	$2,656,657	2,042	221	232	$858,863	$2,561,737	$4,324,992
COUNTIES.								
Beaver	26	103,900	121	7	6	49,775	108,958	195,245
Box Elder	28	108,325	116	8	9	35,090	94,102	163,501
Cache	33	131,800	114	1	4	41,287	162,215	243,989
Davis	31	64,150	56	1	3	14,931	98,454	131,116
Emery (a)								
Iron	15	42,000	30		1	8,780	80,094	99,410
Juab	9	14,150	14		6	2,415	16,101	21,831
Kane	13	15,387	19	4	5	4,867	28,340	41,142
Millard	10	23,580	17		1	5,650	28,800	45,090
Morgan	9	27,300	19	1		3,630	19,583	27,387
Pi Ute	1	2,000	2		2	600	3,300	4,500
Rich	3	12,450	5			260	3,620	5,485
Salt Lake	207	1,089,015	845	123	124	477,791	1,005,518	1,933,221
San Juan (a)								
Sanpete	27	63,100	62	1	1	15,085	152,490	195,365
Sevier	14	20,500	23		2	6,650	48,100	63,066
Summit	12	31,700	28			4,120	26,615	37,122
Tooele	21	39,450	34		1	9,390	34,105	55,805
Uintah (a)								
Utah	106	395,350	235	45	32	86,095	337,489	549,971
Wasatch	22	35,500	63		5	10,190	59,692	86,286
Washington	12	69,000	60	23	10	13,749	27,304	55,350
Weber	41	368,000	179	7	20	68,508	226,767	370,110

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—UTAH TERRITORY, BY SPECIFIED INDUSTRIES.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries	640	$2,656,657	2,042	221	232	$858,863	$2,501,737	$4,324,092
Agricultural implements	1	5,600	16			11,232	3,759	16,991
Awnings and tents	3	900	6	4		3,437	7,000	13,800
Baking and yeast powders (see also Drugs and chemicals)	1	500					300	500
Baskets, rattan and willow ware	3	1,300	2			775	750	3,420
Blacksmithing (see also Wheelwrighting)	60	30,775	78		1	33,582	29,084	99,051
Bluing	1	100		1		250	350	1,200
Bookbinding and blank-book making	1	3,000	1	1		1,500	1,800	5,700
Boots and shoes, including custom work and repairing	59	104,860	235	42	44	114,149	173,365	350,547
Brass castings	1	500	1			85	250	550
Bread and other bakery products	10	28,400	17	6	4	11,912	63,420	98,407
Brick and tile	28	121,575	147		41	34,890	19,825	85,392
Brooms and brushes	1	7,000	6		1	2,500	5,000	9,000
Carpentering	33	26,750	47			18,761	30,009	71,868
Carpets, rag	2	750	3	5	4	1,600	2,500	5,650
Carriages and wagons (see also Wheelwrighting)	5	11,400	25		1	14,980	13,515	36,600
Charcoal	4	16,000	53			18,000	27,900	60,280
Cheese and butter (factory)	11	22,402	14		6	2,035	12,095	21,928
Clothing, men's	8	12,610	29	33		20,750	31,894	61,544
Confectionery	4	17,000	9	2	2	6,475	32,888	51,180
Cooperage	3	575	3			541	480	1,566
Cordage and twine	1	300					300	1,000
Cotton goods	1	20,000	16	8	5	2,100	3,472	7,937
Dentistry, mechanical	6	8,100	4	2		2,250	2,850	18,950
Drugs and chemicals (see also Baking and yeast powders)	1	1,200		2		200	1,000	1,800
Flouring- and grist-mill products	85	595,950	157			50,557	1,136,176	1,364,619
Foundery and machine-shop products	11	95,000	72	9	2	46,311	59,110	131,670
Furniture (see also Mattresses and spring beds; Upholstering)	25	55,350	70	4	5	32,465	30,705	94,900
Iron and steel (*a*)	3	150,000						
Iron railings, wrought	1	2,000	4			3,744	3,000	8,100
Jewelry	3	2,600	7			6,783	9,150	19,362
Kaolin and ground earths	1	500	1		1	500	1,000	2,000
Lasts	1	400					75	600
Leather, curried	12	26,300	14			5,556	40,171	59,088
Leather, dressed skins	2	5,700	6			2,112	5,400	12,400
Leather, tanned	13	43,200	22		4	9,768	27,331	47,267
Lime	5	37,300	21		2	7,720	4,560	19,250
Liquors, malt	14	153,500	47		3	20,719	77,011	139,230
Lock- and gun-smithing	1	400	1			250	230	850
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	1	15,000	5			1,000	1,000	3,000
Lumber, sawed	107	272,750	375		10	65,175	238,274	375,164
Marble and stone work	3	4,400	5			3,868	3,300	9,400
Masonry, brick and stone	4	620	2			250	260	2,535
Mattresses and spring beds (see also Furniture)	1	150	1			250	300	800
Mineral and soda waters	2	6,500	6		1	1,512	4,200	7,700
Painting and paperhanging	4	11,500	18	1	6	12,533	8,126	28,630
Paper	1	5,000	4	2		3,000	8,000	12,000
Photographing	5	6,000	8	4	2	5,663	3,170	16,300
Plumbing and gasfitting	2	3,000	8		2	5,400	13,000	21,053
Printing and publishing	7	159,060	118	13	17	94,861	72,054	214,625
Saddlery and harness	22	35,130	49		4	23,753	74,255	118,850
Salt	10	13,400	62	3	8	20,932	4,000	60,280
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	5	42,600	26		1	14,670	22,350	45,500
Saws	1	300					50	600
Soap and candles	2	18,200	4		1	2,498	51,142	58,360
Stencils and brands	1	500					150	800
Stone- and earthen-ware	2	4,000	5			1,800	800	5,000
Tinware, copperware, and sheet-iron ware	9	35,400	29		5	22,550	51,200	93,470
Tobacco, cigars and cigarettes	2	13,500	10		1	6,940	3,500	12,400
Trunks and valises	2	625	1			384	1,000	3,125
Upholstering (see also Furniture)	2	1,150	4			2,600	1,000	4,750
Vinegar	1	10,000	6			3,000	2,000	10,000
Watch and clock repairing	2	350	2			1,100	250	1,300
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	3	3,875	8			2,015	1,450	5,645
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	2	1,200	1			200	400	2,100
Wooden ware	1	50	1			312	435	875
Woolen goods	11	382,000	150	79	48	68,108	147,226	279,424

a Not in operation.

A—VERMONT, BY TOTALS OF COUNTIES.

The State	2,874	$23,265,224	14,438	2,271	831	$5,164,479	$18,330,677	$31,354,366
COUNTIES.								
Addison	167	706,950	536	18	17	135,951	647,005	1,006,921
Bennington	195	3,263,796	1,835	759	298	761,986	2,380,615	4,009,222
Caledonia	174	3,601,234	1,296	34	26	510,542	1,013,671	3,224,139
Chittenden	246	3,265,156	2,406	454	202	918,400	4,513,870	6,244,391
Essex	44	367,400	185		30	50,876	319,419	456,467

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—VERMONT, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Franklin	198	$976,650	639	21	17	$191,495	$883,320	$1,393,002
Grand Isle	8	6,900	11	.....	.....	773	3,588	7,240
Lamoille	126	404,850	319	5	4	60,567	309,168	500,081
Orange	190	694,720	550	50	9	135,717	604,789	959,635
Orleans	207	906,486	710	36	35	163,640	688,915	1,118,795
Rutland	358	2,560,045	1,874	74	59	678,349	1,505,014	3,076,452
Washington	271	1,245,997	798	60	7	271,217	1,243,992	1,920,210
Windham	310	2,288,135	1,346	175	18	603,596	1,616,264	3,219,079
Windsor	380	2,886,905	1,873	585	109	675,370	2,601,047	4,218,732

B—VERMONT, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,874	$23,265,224	14,438	2,271	831	$5,164,479	$18,330,677	$31,354,366
Agricultural implements	35	640,900	462	2	.....	165,894	357,639	718,455
Baskets, rattan and willow ware	4	20,000	54	26	3	8,896	5,450	25,250
Billiard tables and materials	1	1,000	2	.....	1	2,000	2,000	5,000
Blacksmithing (see also Wheelwrighting)	426	317,930	399	.....	4	106,531	187,847	522,575
Bookbinding and blank-book making	1	5,000	7	4	1	3,000	5,000	9,500
Boot and shoe findings	2	23,000	25	17	1	12,258	8,150	24,500
Boots and shoes, including custom work and repairing	111	190,575	335	41	2	107,562	364,590	565,415
Boxes, fancy and paper	1	2,000	2	5	.....	2,155	4,325	8,813
Boxes, wooden, packing	4	51,700	81	.....	15	27,700	154,880	196,800
Bread and other bakery products	11	113,400	71	3	1	30,354	128,530	226,305
Brick and tile (see also Drain and sewer pipe)	25	133,250	216	.....	8	38,610	18,735	83,650
Brooms and brushes	5	41,000	47	14	6	12,281	41,300	66,900
Buttons	2	56,000	48	47	2	27,140	42,014	74,854
Carpentering	26	54,625	101	.....	2	38,551	79,323	158,486
Carriage and wagon materials	8	27,850	30	.....	.....	7,675	7,250	20,400
Carriages and sleds, children's	6	102,000	168	10	12	53,437	76,083	151,851
Carriages and wagons (see also Wheelwrighting)	21	141,800	157	.....	.....	57,040	62,850	174,885
Charcoal	9	145,000	216	.....	.....	63,400	23,500	121,500
Cheese and butter (factory)	85	202,300	126	28	2	22,535	284,422	393,122
Clothing, men's	23	53,550	33	103	.....	40,440	89,013	161,059
Coffee and spices, roasted and ground	2	5,000	5	.....	.....	1,400	40,000	46,500
Coffins, burial cases, and undertakers' goods	12	41,200	36	.....	.....	9,800	43,750	71,920
Confectionery	4	40,000	18	6	.....	8,850	61,700	95,000
Cooperage	73	112,925	177	1	8	36,905	47,109	134,996
Cordage and twine	1	1,500	3	3	.....	1,080	3,000	7,000
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	8	956,096	219	354	181	173,748	555,297	915,864
Cutlery and edge tools (see also Hardware; Tools)	4	19,950	20	.....	.....	7,250	11,835	24,300
Dentistry, mechanical	15	10,700	8	1	.....	3,500	6,525	21,230
Drain and sewer pipe (see also Brick and tile)	1	5,000	4	.....	.....	1,500	3,000	6,000
Drugs and chemicals (see also Patent medicines and compounds)	3	135,000	44	.....	.....	10,800	9,800	28,805
Dyeing and cleaning	1	700	1	.....	.....	100	250	900
Electroplating	1	1,000	2	.....	.....	600	3,000	4,200
Emery wheels	1	8,000	3	.....	.....	536	1,361	7,500
Fancy articles	1	12,000	26	2	.....	4,500	6,000	15,000
Fertilizers	1	1,000	2	.....	.....	500	800	1,650
Files	1	3,800	8	.....	2	3,900	800	5,800
Flouring- and grist-mill products	227	1,152,461	331	.....	.....	81,589	2,602,641	3,038,688
Foundery and machine-shop products	45	1,137,675	578	6	4	243,426	326,770	783,828
Furniture (see also Upholstering)	56	296,150	288	.....	5	91,617	155,452	333,522
Furniture, chairs	15	133,150	159	.....	17	55,950	68,700	160,300
Glass, cut, stained, and ornamented	1	5,000	5	.....	.....	1,600	1,100	4,600
Handles, wooden	11	24,075	48	.....	1	8,150	12,750	32,486
Hardware (see also Cutlery and edge tools; Tools)	1	50,000	25	.....	.....	10,000	20,000	36,000
Hones and whetstones	3	17,500	19	1	.....	6,095	965	12,500
Hosiery and knit goods (see also Cotton goods; Woolen goods)	6	492,000	138	227	18	101,037	359,938	595,270
Iron and steel	4	410,000	190	.....	1	50,035	240,900	392,300
Iron nails and spikes, cut and wrought	1	100,000	21	3	6	10,000	50,000	80,000
Kaolin and ground earths	7	63,500	68	.....	.....	15,800	9,300	45,500
Lasts	3	13,020	19	.....	.....	7,650	2,325	28,200
Leather, curried	24	113,950	63	.....	.....	22,245	457,032	530,337
Leather, tanned	53	433,300	184	.....	1	62,461	838,426	1,084,503
Lime	9	41,050	105	.....	.....	27,328	39,403	92,078
Lock- and gun-smithing	6	7,000	5	.....	.....	2,075	2,330	9,350
Looking-glass and picture frames	4	6,750	11	.....	.....	3,150	4,550	12,850
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	18	854,800	528	.....	19	170,948	2,371,512	2,709,522
Lumber, sawed	688	3,274,250	2,411	.....	100	426,953	2,021,868	3,258,816
Mantels, slate, marble, and marbleized	6	22,000	47	.....	6	21,900	29,500	73,500
Marble and stone work	69	904,575	1,032	.....	4	394,400	535,837	1,303,790
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	7	776,000	361	253	82	190,775	845,910	1,277,903
Musical instruments and materials (not specified)	1	2,000	.....	.....	.....	.....	250	900
Musical instruments, organs and materials	2	803,000	367	35	.....	206,200	304,500	680,800
Needles and pins	1	6,000	10	.....	.....	3,000	2,500	12,000
Painting and paperhanging	9	4,300	13	.....	.....	4,425	4,175	12,925
Paints	2	33,000	35	.....	1	9,508	13,000	25,000
Paper (see also Wood pulp)	13	785,500	283	92	2	189,889	556,667	1,237,484

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—VERMONT, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Patent medicines and compounds (see also Drugs and chemicals)	10	$246,450	48	21	.....	$24,495	$136,825	$208,275
Paving materials	1	250	5	.....	.....	376	125	694
Photographing	9	9,700	9	3	.....	6,375	6,175	21,025
Pickles, preserves, and sauces	3	4,100	9	1	.....	360	3,680	6,250
Plated and britannia ware	1	8,000	15	.....	.....	5,000	10,000	20,000
Plumbing and gasfitting	4	7,900	12	.....	.....	5,773	9,400	19,800
Printing and publishing	18	99,600	101	21	8	42,727	62,086	131,799
Pumps, not including steam pumps	1	10,000	12	.....	.....	2,500	5,000	10,000
Refrigerators	1	7,500	3	.....	.....	2,000	6,000	18,000
Roofing and roofing materials	6	220,000	100	2	.....	36,600	60,900	155,000
Saddlery and harness	101	107,295	127	2	.....	38,008	119,583	230,185
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	35	263,050	282	.....	60	98,445	278,865	447,185
Scales and balances	3	3,051,481	783	.....	.....	410,786	215,215	2,080,474
Screws	2	9,000	4	.....	.....	1,800	800	6,400
Sewing machines and attachments	1	25,000	40	.....	.....	15,000	14,000	40,000
Shipbuilding	3	20,700	12	.....	.....	4,400	9,200	17,800
Shirts	6	14,000	8	97	.....	19,200	44,500	72,100
Shoddy (see also Mixed textiles)	2	15,000	6	9	.....	3,896	37,000	56,000
Silk and silk goods (see also Mixed textiles)	1	2,000	.....	2	.....	125	1,210	2,100
Soap and candles	4	10,000	8	.....	.....	1,950	5,500	11,950
Sporting goods	2	33,800	37	10	2	12,400	21,000	63,000
Springs, steel, car, and carriage	1	6,000	3	.....	.....	1,200	2,000	10,000
Starch	13	31,200	35	.....	.....	2,509	21,554	32,660
Stencils and brands	1	500	1	.....	.....	400	600	2,000
Stone- and earthen-ware	2	60,000	24	.....	.....	12,200	11,000	35,000
Surgical appliances	1	1,000	2	.....	.....	500	200	3,000
Tinware, copperware, and sheet-iron ware	95	291,300	253	6	3	94,966	216,690	429,715
Tobacco, cigars and cigarettes	10	32,150	47	4	1	23,825	43,720	83,955
Tools (see also Cutlery and edge tools; Hardware)	1	4,000	3	.....	.....	1,200	500	4,000
Toys and games	5	31,500	45	1	1	10,910	27,069	52,171
Upholstering (see also Furniture)	1	500	1	.....	.....	150	700	1,400
Upholstering materials	2	3,000	4	1	.....	1,700	2,500	7,500
Veneering	1	20,000	30	6	14	6,000	6,000	30,000
Vinegar	2	7,000	8	.....	.....	550	2,400	6,000
Washing-machines and clothes-wringers	1	28,000	8	.....	.....	3,984	36,157	46,050
Watch and clock repairing	11	13,800	15	.....	.....	6,100	5,000	21,350
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	186	230,690	227	.....	.....	60,205	89,215	251,672
Window blinds and shades	3	55,000	38	.....	10	21,000	67,000	123,000
Wood pulp	6	79,000	53	.....	.....	17,595	3,343	61,850
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	30	194,440	261	12	79	87,600	87,126	240,882
Wooden ware	17	52,900	88	12	5	24,897	32,350	75,180
Woolen goods (see also Mixed textiles)	44	2,320,161	1,171	783	130	544,138	2,012,490	3,217,807

A—VIRGINIA, BY TOTALS OF COUNTIES.

The State	5,710	$26,968,990	28,779	6,144	5,261	$7,425,261	$32,883,933	$51,780,992
COUNTIES.								
Accomac	47	60,750	134	16	1	21,735	58,090	112,291
Albemarle	112	278,200	315	34	22	69,908	310,211	486,990
Alexandria	120	659,390	683	12	32	189,475	494,747	914,289
Alleghany	19	1,065,800	167	1	6	67,688	121,495	229,603
Amelia	33	80,600	75	.....	.....	9,908	82,552	114,394
Amherst	33	134,990	126	.....	1	13,602	116,465	146,368
Appomattox	19	45,400	47	4	1	6,527	52,346	71,427
Augusta	208	978,276	499	9	23	97,864	668,833	932,612
Bath	8	83,300	5	.....	.....	716	19,505	22,584
Bedford	120	244,716	358	101	220	63,263	389,696	559,228
Bland	6	16,750	4	.....	.....	1,250	18,020	21,964
Botetourt	106	390,330	235	28	6	64,266	216,855	307,484
Brunswick	33	50,700	66	.....	2	5,608	83,595	105,250
Buchanan (a)	.....	.....	.....	.....	.....	.....	.....	.....
Buckingham	44	75,250	85	.....	3	10,122	95,804	125,012
Campbell	164	1,020,720	1,623	530	715	478,264	1,622,071	2,510,591
Caroline	43	114,300	129	.....	34	18,349	83,343	124,026
Carroll	63	51,800	83	.....	.....	10,361	77,934	112,248
Charles City	16	26,400	52	.....	.....	6,612	32,275	53,221
Charlotte	40	66,275	90	.....	.....	8,675	99,666	129,606
Chesterfield	50	475,680	469	177	161	154,427	470,605	754,695
Clarke	41	55,200	91	2	.....	12,485	95,175	139,413
Craig	17	19,698	14	1	.....	1,592	32,590	41,259
Culpeper	67	93,855	140	.....	8	22,175	167,090	232,084
Cumberland	45	62,825	71	.....	2	9,000	139,385	188,009
Dinwiddie	146	1,863,740	2,282	1,245	742	609,043	3,320,453	4,694,147
Elizabeth City	43	79,735	196	113	37	39,145	87,814	160,458
Essex	37	91,150	161	25	26	21,265	105,465	166,270
Fairfax	47	239,500	114	.....	.....	24,745	195,765	267,916
Fauquier	69	77,040	88	.....	2	11,602	96,768	148,268
Floyd	105	75,360	97	.....	4	16,943	130,341	180,329
Fluvanna	37	44,380	84	.....	2	9,955	69,320	100,975
Franklin	73	97,766	141	9	18	12,862	149,552	203,745
Frederick	105	790,034	477	245	18	149,880	774,282	1,201,802
Giles	41	93,705	177	.....	2	12,638	54,978	82,163

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—VIRGINIA, BY TOTALS OF COUNTIES—Continued.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Gloucester	16	$46,550	48		1	$7,816	$54,590	$75,818
Goochland	29	77,810	69	1	1	7,599	100,522	128,276
Grayson	46	57,825	41		2	6,978	83,918	106,134
Greene	19	34,000	31			4,100	51,758	64,937
Greensville	27	68,975	92	1	1	10,416	57,248	92,067
Halifax	101	156,270	248	16	41	33,089	272,403	368,927
Hanover	49	92,355	154	20	18	18,740	91,620	137,909
Henrico	626	6,991,316	9,386	2,878	1,988	3,038,624	12,279,415	20,997,194
Henry	56	251,825	320	61	166	44,994	256,186	397,320
Highland	8	13,200	12		2	2,335	31,876	39,545
Isle of Wight	30	143,450	154		1	25,134	87,590	143,977
James City	14	28,000	58			7,222	42,186	63,127
King and Queen	33	44,975	62			6,390	54,975	77,087
King George	9	16,350	20			2,059	28,910	37,225
King William	22	47,125	104		3	16,965	89,106	128,300
Lancaster	12	33,200	69			4,712	25,660	40,661
Lee	48	60,563	60			6,466	76,304	98,578
Loudoun	171	265,425	279		2	45,737	295,700	433,140
Louisa	50	117,450	104	2	4	12,670	136,026	183,284
Lunenburg	15	20,750	29			2,496	34,310	44,616
Madison	62	85,950	114	3	3	15,635	126,484	168,234
Mathews	15	23,050	26			4,922	33,533	47,864
Mecklenburg	47	81,475	90		1	9,275	184,065	223,011
Middlesex	23	26,750	63		1	10,175	48,703	73,982
Montgomery	48	83,800	79		1	14,054	92,265	141,962
Nansemond	20	58,050	87			18,189	59,995	101,362
Nelson	40	81,940	57			11,604	96,167	129,387
New Kent	22	57,435	79			10,224	57,920	90,803
Norfolk	145	929,051	1,400	65	54	481,986	1,298,225	2,194,137
Northampton	12	21,200	56			6,550	19,071	34,845
Northumberland	42	33,050	82			18,490	38,579	67,810
Nottoway	32	52,400	76		11	9,459	69,758	100,285
Orange	32	56,150	42		4	6,441	87,545	112,622
Page	55	660,750	345	2	16	94,236	234,978	378,343
Patrick	6	32,500	31	2		3,657	45,531	55,266
Pittsylvania	156	1,006,282	1,457	351	566	391,649	1,330,028	2,133,081
Powhatan	24	44,450	49			4,291	51,885	67,310
Prince Edward	30	50,200	87			12,453	79,020	118,632
Prince George	10	39,400	64			7,976	30,930	49,067
Princess Anne	20	32,460	41		1	6,615	42,100	63,445
Prince William	18	44,675	48			7,012	51,319	73,306
Pulaski	34	203,985	212	2	2	15,284	95,129	136,380
Rappahannock	47	90,025	106	3		17,659	151,327	193,329
Richmond	7	23,100	15			2,307	20,930	27,737
Roanoke	105	264,250	295	54	83	67,060	317,445	488,038
Rockbridge	93	491,760	137	6	5	28,654	227,510	319,776
Rockingham	169	557,261	348	4	6	64,482	605,054	831,190
Russell	23	45,600	34			5,470	33,801	51,880
Scott	47	36,552	51			6,811	110,170	136,882
Shenandoah	197	628,165	462	1	50	95,122	506,447	701,380
Smyth	74	1,272,750	352	34	28	61,187	246,428	453,010
Southampton	44	58,525	130		2	16,937	81,190	130,249
Spotsylvania	81	423,650	345	56	26	90,497	664,784	903,541
Stafford	4	6,700	6			473	10,725	12,893
Surry	16	82,850	130		1	15,210	64,785	103,320
Sussex	22	46,100	80			13,666	53,238	87,500
Tazewell	54	98,150	82	3		10,835	110,280	145,569
Warren	53	317,150	147	16	7	38,625	260,868	396,763
Warwick (a)								
Washington	112	219,020	206	6	40	44,922	234,182	384,308
Westmoreland	7	17,400	32			4,150	23,776	36,000
Wise	9	6,220	6			498	27,240	36,605
Wythe	98	382,530	482	5	35	113,652	242,425	425,350
York	12	30,200	30			9,475	34,100	54,450

a Returned as having no manufactures.

B—VIRGINIA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	5,710	$26,968,990	28,779	6,144	5,261	$7,425,261	$32,883,933	$51,780,992
Agricultural implements	51	536,030	510		11	162,634	244,377	602,959
Bagging, flax, hemp, and jute	1	40,000	15	2	5	6,500	25,000	32,500
Bags, other than paper	1	12,000	4	10	26	6,000	18,000	35,000
Bags, paper	3	12,000	1	39	14	5,200	14,300	23,000
Baskets, rattan and willow ware	1	150	1			400	100	600
Blacksmithing (see also Wheelwrighting)	638	213,657	830		15	134,455	188,706	602,627
Bookbinding and blank-book making	1	10,000	12	7		8,580	4,500	18,000
Boot and shoe uppers	2	550	2	1		650	3,800	7,000
Boots and shoes, including custom work and repairing	289	153,839	532	46	11	117,869	260,491	575,180
Boxes, cigar	4	6,600	16	14	5	6,168	22,500	37,100

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—VIRGINIA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Boxes, fancy and paper	3	$18,000	52	87	102	$48,596	$26,210	$107,410
Boxes, wooden, packing	15	124,300	180	.....	18	66,570	155,235	284,966
Brass castings	2	4,500	7	.....	2	2,620	11,000	18,000
Bread and other bakery products	51	131,700	222	31	20	81,661	442,190	644,566
Brick and tile	84	290,085	1,180	.....	245	188,072	86,420	398,789
Bridges	2	5,500	19	.....	.....	3,400	15,550	19,800
Brooms and brushes	4	18,350	48	.....	5	9,458	33,700	57,800
Carpentering	171	145,620	717	2	27	227,395	403,215	850,444
Carriage and wagon materials	4	23,000	28	.....	.....	6,150	10,744	23,050
Carriages and wagons (see also Wheelwrighting)	43	258,700	404	.....	11	128,769	243,400	508,400
Cement	1	15,000	6	.....	.....	1,000	1,810	5,500
Cheese and butter (factory)	4	33,700	8	.....	.....	950	6,786	10,621
Clothing, men's	57	221,202	258	481	2	147,149	272,716	584,077
Coffins, burial cases, and undertakers' goods	23	18,960	24	.....	.....	7,249	13,485	35,750
Coffee and spices, roasted and ground	6	49,500	39	1	1	14,460	144,000	244,800
Coke	2	30,000	.....	.....	.....	.....	.....	.....
Confectionery	25	91,372	100	7	7	35,283	144,246	221,830
Cooperage	75	77,751	463	.....	15	73,430	146,921	279,964
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	1,400	3	.....	.....	1,300	1,200	5,200
Cotton goods (see also Mixed textiles)	8	1,190,100	274	580	281	169,789	640,391	1,040,962
Dentistry, mechanical	3	1,600	1	.....	.....	180	1,400	6,000
Drugs and chemicals (see also Patent medicines and compounds)	20	281,000	344	2	5	63,535	280,740	438,030
Dyeing and cleaning	6	5,350	13	7	1	5,100	10,600	24,600
Engraving, wood	1	500	3	.....	.....	2,000	200	4,000
Fertilizers	17	415,400	293	3	.....	46,970	424,000	624,300
Flouring- and grist-mill products	1,385	5,791,137	2,200	3	2	409,639	10,574,211	12,210,272
Food preparations (see page 39)	1	15,000	16	3	1	5,300	36,000	52,000
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	56	767,400	1,401	1	80	306,997	663,167	1,361,291
Fruits and vegetables, canned and preserved	10	43,700	210	207	69	25,700	95,700	145,500
Furniture (see also Upholstering)	118	225,700	317	11	14	102,564	157,770	401,282
Furniture, chairs	7	3,375	7	.....	.....	750	1,530	5,400
Furs, dressed	1	2,000	2	2	.....	900	8,500	15,000
Gloves and mittens (see also Woolen goods)	6	55,400	41	231	.....	28,825	20,700	70,100
Grease and tallow	2	15,000	6	.....	.....	1,800	37,500	52,000
Hairwork	4	7,500	5	36	.....	8,200	16,900	33,000
Instruments, professional and scientific	1	5,000	10	.....	1	2,640	12,000	16,500
Iron and steel	44	4,329,713	2,300	2	121	665,482	1,496,151	2,585,999
Iron bolts, nuts, washers, and rivets	1	30,000	40	.....	60	30,000	180,000	240,000
Iron forgings	2	61,000	61	.....	.....	20,000	112,080	214,160
Iron railing, wrought	1	150	1	.....	.....	250	500	1,500
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	2	32,000	25	.....	2	10,000	19,700	42,050
Jewelry	1	13,000	16	.....	.....	5,000	8,000	15,000
Kaolin and ground earths	5	50,500	71	.....	16	22,225	17,055	49,100
Kindling wood	2	1,150	8	.....	.....	1,100	2,200	4,800
Leather, curried	123	89,750	91	.....	.....	13,893	173,051	292,989
Leather, tanned	163	653,973	328	.....	1	80,251	700,333	1,011,830
Lime	9	44,100	99	.....	.....	25,400	22,486	78,510
Liquors, distilled	34	175,540	37	1	.....	8,860	75,553	114,895
Liquors, malt	2	253,500	51	.....	.....	16,375	73,672	187,807
Liquors, vinous (see also Liquors, distilled)	3	6,000	12	4	2	1,350	3,230	6,600
Lithographing (see also Printing and publishing)	2	24,600	18	3	13	13,125	40,150	56,823
Lock- and gun-smithing	10	7,620	15	.....	.....	5,345	7,600	22,250
Looking-glass and picture frames	7	8,950	28	.....	9	10,400	21,850	50,500
Lumber, planed (see also Sash, doors, and blinds)	9	67,200	120	.....	2	37,420	189,950	284,000
Lumber, sawed	907	2,122,925	3,922	.....	89	540,231	1,983,777	3,434,103
Marble and stone work	24	39,260	95	.....	.....	35,299	40,953	110,525
Masonry brick and stone	10	13,100	104	.....	7	27,250	13,554	56,750
Mineral and soda waters	3	9,200	14	.....	4	5,350	7,900	23,000
Mixed textiles (see also Cotton goods; Woolen goods)	2	83,000	28	17	.....	16,000	58,000	108,500
Musical instruments, organs and materials	1	500	3	.....	.....	1,000	500	2,000
Nets and seines	1	6,000	.....	10	10	750	3,000	4,700
Oil, cottonseed and cake	1	3,000	8	.....	.....	1,200	2,500	8,000
Oil, essential	7	8,100	31	.....	1	4,680	9,345	20,800
Oil, linseed	1	1,000	1	.....	.....	120	100	700
Oil, lubricating	3	12,000	7	.....	1	990	11,800	20,500
Oil, neat's-foot	1	1,200	2	.....	.....	200	208	500
Painting and paperhanging	20	25,940	74	.....	1	25,491	39,563	92,843
Paints	2	1,500	6	.....	.....	1,160	2,000	5,500
Paper	3	170,000	87	26	2	40,000	128,014	201,000
Patent medicines and compounds (see also Drugs and chemicals)	12	39,425	41	1	.....	11,025	27,975	58,450
Photographing	17	25,750	39	1	2	18,712	14,200	61,000
Pickles, preserves, and sauces	1	20,000	5	25	10	5,000	15,000	35,000
Pipes, tobacco	1	12,000	2	3	1	390	500	1,700
Plumbing and gasfitting	15	38,725	71	.....	8	34,780	65,200	141,550
Printing and publishing (see also Lithographing)	45	344,900	486	15	33	237,918	211,854	624,975
Pumps, not including steam pumps	3	570	3	.....	.....	900	1,100	4,100
Regalia and society banners and emblems	1	1,500	1	3	.....	1,000	3,000	7,000
Saddlery and harness	84	107,710	184	.....	9	72,183	171,655	328,778
Salt	1	1,000,000	76	.....	.....	14,219	39,000	127,678
Sash, doors, and blinds (see also Lumber, planed)	15	130,000	183	.....	.....	67,909	249,667	400,835
Saws	1	12,000	15	.....	.....	5,320	2,800	12,000
Shipbuilding	65	185,960	146	.....	.....	75,526	74,578	181,024
Shirts	1	100	1	5	.....	320	300	1,000
Silversmithing	2	850	.....	.....	.....	.....	640	1,300
Slaughtering and meat-packing, not including retail butchering establishments.	4	89,000	53	.....	.....	13,750	967,900	1,054,500

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—VIRGINIA, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Soap and candles	4	$28,000	21	1		$8,300	$25,400	$43,000
Stationery goods	2	8,500	9	2		2,700	6,000	12,000
Stencils and brands	2	800	3		1	980	1,300	3,150
Stone- and earthen-ware	15	16,850	29		3	6,155	6,515	26,597
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	104	223,215	370	1	7	134,078	315,598	608,150
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	143	3,551,100	6,729	3,671	3,514	1,859,447	7,705,717	13,231,038
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	56	182,080	385	21	83	115,230	210,468	483,953
Tobacco stemming	27	435,184	369	470	202	81,215	767,973	1,074,005
Trunks and valises	2	9,000	24			8,400	18,000	41,000
Type founding	1	5,000	6	1	3	3,000	2,000	10,000
Umbrellas and canes	1	200					500	000
Upholstering (see also Furniture)	4	2,800	6	2		2,750	2,330	7,450
Upholstering materials	1	2,000	13			1,200	5,100	7,300
Washing-machines and clothes-wringers	1	2,500	5			600	1,000	2,000
Watch and clock repairing	24	41,200	39		3	21,987	14,330	58,525
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	328	207,722	506		10	90,963	146,432	407,768
Windmills	1	7,000	15			5,000	20,000	30,000
Wirework	2	1,500	3		1	630	2,775	5,200
Wooden ware	1	50,000	60		15	23,000	38,000	71,000
Woolen goods (see also Gloves and mittens; Mixed textiles)	48	456,750	251	95	19	71,720	383,080	577,968

A—WASHINGTON TERRITORY, BY TOTALS OF COUNTIES.

The Territory	261	$3,202,497	1,110	25	12	$532,226	$1,967,469	$3,250,134
COUNTIES.								
Chehalis	5	15,200	8			2,424	12,250	18,892
Clallam	1	500	1			1,580	1,800	3,500
Clarke	12	15,000	14			6,195	12,988	20,000
Columbia	10	60,100	39	8	3	12,625	69,326	108,050
Cowlitz	5	18,800	5			1,200	9,700	15,100
Island	11	112,800	60			17,950	176,300	273,430
Jefferson	6	223,967	57			32,956	169,957	228,984
King	29	402,970	174			102,891	252,636	469,235
Kitsap	14	1,482,900	276			110,275	554,400	814,600
Klikitat	25	49,825	29		1	12,360	41,175	77,050
Lewis	9	37,500	22			5,980	46,578	67,247
Mason (a)								
Pacific	3	60,300	21		3	8,350	34,400	54,000
Pierce	6	243,300	126		4	53,411	192,051	288,720
San Juan	2	25,000	22	2		10,000	8,350	28,000
Skamania (a)								
Snohomish	3	1,800					250	1,700
Spokane	9	9,225	7			2,300	7,250	10,100
Stevens	4	6,300	4			1,014	3,113	6,005
Thurston	36	140,150	66	15	1	34,890	66,085	144,400
Wahkiakum (a)								
Walla Walla	42	249,400	145			88,607	251,058	406,780
Whatcom	1	4,000	4			1,650	11,000	16,000
Whitman	15	30,000	18			8,943	34,825	63,000
Yakima	13	13,960	12			7,625	11,977	31,695

a Returned as having no manufactures.

B—WASHINGTON TERRITORY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	261	$3,202,497	1,110	25	12	$532,226	$1,967,469	$3,250,134
Bagging, flax, hemp, and jute	1	5,000	1			450	1,200	2,000
Blacksmithing (see also Wheelwrighting)	47	55,225	62			37,029	63,220	160,175
Bookbinding and blank-book making	1	1,600		1		360	600	1,500
Boots and shoes, including custom work and repairing	20	15,810	29			19,342	28,600	67,210
Boxes, wooden, packing	1	10,000	10			3,500	3,000	10,000
Bread and other bakery products	2	10,350	3			4,000	5,450	12,000
Brick and tile	2	3,000	16			2,430	1,150	6,000
Carpentering	16	16,095	19			9,500	53,550	78,980
Carpets, rag	1	100					175	500
Carriages and wagons (see also Wheelwrighting)	3	7,700	12			6,820	7,500	20,500
Cheese and butter (factory)	2	16,467	8			1,600	11,794	18,820
Clothing, men's	1	500					500	700
Coffee and spices, roasted and ground	1	1,500					3,200	5,000
Coffins, burial cases, and undertakers' goods	2	4,000	3			500	1,800	4,000
Cooperage	4	11,500	77		3	32,385	13,450	56,000
Confectionery	2	1,750	2			600	8,700	13,800
Drugs and chemicals	1	800					600	1,500
Flouring- and grist-mill products	9	42,300	23			7,125	87,810	114,080
Foundery and machine-shop products	6	31,800	33			21,600	24,500	54,775
Fruits and vegetables, canned and preserved	1	700		2		300	100	500

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—WASHINGTON TERRITORY, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Furniture	13	$51,500	39			$19,065	$27,625	$88,780
Furniture, chairs	1	1,000	2			1,000	400	2,200
Gloves and mittens (see also Woolen goods)	2	1,650	3	7	1	3,150	3,400	9,800
Leather, curried	2	5,750	2			1,225	24,500	29,500
Leather, tanned	2	14,250	4			3,075	19,200	27,000
Lime	2	25,000	22	2		10,000	8,350	28,000
Liquors, malt	18	101,500	39			12,247	46,430	83,011
Lock- and gun-smithing	2	600					150	1,175
Lumber, planed (see also Sash, doors, and blinds)	3	24,000	18			6,609	7,000	29,000
Lumber, sawed	37	2,456,450	495		4	200,539	1,188,075	1,734,742
Marble and stone work	2	1,600	1			600	2,100	4,500
Mineral and soda waters	1	3,000	2			550	4,000	7,000
Printing and publishing	3	9,500	10	5		6,000	2,700	13,500
Saddlery and harness	14	72,500	34			23,950	83,600	156,880
Sash, doors, and blinds (see also Lumber, planed)	5	58,500	25			16,700	16,730	61,500
Shipbuilding	11	33,000	62			51,298	121,300	184,500
Soap and candles	1	1,200	2			500	4,000	5,600
Stone- and earthen-ware	1	1,000	2			500	500	1,500
Tinware, copperware, and sheet-iron ware	9	56,500	24			19,677	29,900	65,100
Tobacco, cigars and cigarettes	2	2,200	5		1	2,750	4,200	8,400
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	6	5,600	3			1,310	3,750	9,500
Woolen goods (see also Gloves and mittens)	1	40,000	18	8	3	4,000	52,000	70,000

A—WEST VIRGINIA, BY TOTALS OF COUNTIES.

The State	2,375	$13,883,390	12,900	346	1,065	$4,313,965	$14,027,388	$22,867,126
COUNTIES.								
Barbour	53	67,405	72	3	3	10,037	90,893	128,763
Berkeley	104	530,945	227	1	3	54,939	435,500	630,112
Boone	4	5,400	6			875	14,200	17,063
Braxton	22	84,240	75		10	8,214	31,180	51,074
Brooke	47	206,775	221	18	31	49,158	184,479	312,073
Cabell	58	163,275	214	9	11	60,242	225,140	360,937
Calhoun	3	8,500	6		1	1,550	4,605	8,094
Clay (a)								
Doddridge	51	65,786	142			32,706	167,729	256,792
Fayette	39	554,300	248		1	91,130	308,861	512,764
Gilmer	17	28,010	23			3,878	42,005	53,617
Grant	25	39,625	38	1		4,784	50,365	65,482
Greenbrier	51	186,385	89	3	7	15,765	100,078	147,331
Hampshire	54	150,957	84	4	5	13,133	149,658	195,777
Hancock	54	256,475	235		8	87,794	106,725	276,018
Hardy	41	114,612	86		2	8,513	45,750	69,572
Harrison	86	221,626	202	6	1	40,337	293,049	418,598
Jackson	69	101,780	136	9	3	35,485	238,340	305,332
Jefferson	113	449,335	348	1	6	85,645	490,614	704,615
Kanawha	73	327,480	436	15	24	102,871	312,030	488,882
Lewis	68	111,430	150		3	35,342	160,586	247,180
Lincoln (a)								
Logan	2	7,000	3			578	10,680	12,963
McDowell (a)								
Marion	93	330,175	313	6	11	79,314	432,906	615,396
Marshall	87	1,035,526	1,105		105	372,938	1,146,821	1,871,656
Mason	67	1,081,575	890	1	57	207,812	478,862	848,986
Mercer	1	300					2,000	2,500
Mineral	36	98,668	92	3	5	31,461	107,045	173,633
Monongalia	73	157,850	161	2	3	30,877	198,134	281,073
Monroe	32	103,400	77	6		18,597	129,933	185,578
Morgan	16	118,320	122		1	46,600	451,698	648,407
Nicholas	24	26,650	37	9	2	2,484	18,112	26,235
Ohio	250	4,897,483	4,697	196	667	2,202,550	5,254,675	9,335,780
Pendleton	26	45,050	33	4		5,405	69,860	87,892
Pleasants	30	64,775	72		2	17,504	121,391	174,142
Pocahontas	24	24,875	19		3	3,335	34,240	45,544
Preston	108	409,555	697	8	13	150,657	336,341	568,397
Putnam	8	20,500	39		2	9,050	31,345	52,483
Raleigh	7	15,300	17			3,350	24,695	35,066
Randolph	20	27,650	22			2,860	36,295	49,487
Ritchie	48	146,647	129			33,118	150,752	230,255
Roane	23	28,415	47			7,249	56,460	78,179
Summers	21	54,320	76		2	13,029	55,248	85,561
Taylor	75	496,150	193	15	15	50,093	256,716	367,314
Tucker	5	7,000	10			860	3,660	5,608
Tyler	47	185,410	174	18	14	23,345	172,301	238,942
Upshur	38	75,225	63	1		10,309	42,391	71,322
Wayne	22	32,000	78		12	13,774	96,112	129,812
Webster	1	1,500	3			400	1,025	2,140
Wetzel	52	198,575	224		15	63,092	275,508	429,903
Wirt	17	58,600	79	2	5	17,999	112,647	159,773
Wood	81	510,555	395	10	12	146,927	466,759	778,074
Wyoming (a)								

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—WEST VIRGINIA, BY SPECIFIED INDUSTRIES.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries	2,375	$13,883,390	12,900	346	1,065	$4,313,965	$14,027,388	$22,867,126
Agricultural implements	8	73,050	63			18,105	17,535	60,340
Bagging, flax, hemp, and jute	1	7,000	3	2		1,000	1,000	3,500
Baking and yeast powders (see also Drugs and chemicals)	1	3,000	1	1		500	15,000	20,000
Baskets, rattan and willow ware	3	2,200	3			1,580	1,100	4,700
Blacksmithing (see also Wheelwrighting)	278	99,475	235		1	47,455	83,806	257,095
Bone-, ivory-, and lamp-black	1	5,000	5			2,400	5,000	15,000
Bookbinding and blank-book making	1	300	2			550	350	1,100
Boots and shoes, including custom work and repairing	146	94,345	159	3		44,508	89,540	202,488
Boxes, fancy and paper	1	6,000	1	10		2,000	3,950	8,000
Brass castings	1	1,500	2			1,400	3,300	5,200
Bread and other bakery products	5	15,800	8			3,825	19,100	26,900
Brooms and brushes	3	9,100	36			4,640	22,740	30,750
Brick and tile	47	242,950	384	1	61	111,391	39,961	218,710
Carpentering	40	62,525	140		1	48,193	113,188	210,450
Carriage and wagon materials	4	25,000	38		1	13,350	10,610	36,701
Carriages and wagons (see also Wheelwrighting)	8	251,000	217		1	69,160	166,486	341,025
Clothing, men's	47	119,150	218	33	15	71,790	153,950	312,784
Cheese and butter (factory)	7	7,550	8	3		1,104	6,378	10,238
Coffee and spices, roasted and ground	1	5,000	3	5		1,456	7,835	11,523
Coffins, burial cases, and undertakers' goods	7	9,800	10			2,175	3,650	8,700
Coke	12	330,000	159		4	48,942	138,964	216,588
Confectionery	6	12,050	19	2		6,202	52,500	68,464
Cooperage	49	66,876	278		52	100,767	152,806	306,147
Cordage and twine	1	600	2			250	400	1,000
Dentist's materials	1	3,000	3			600	1,200	3,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	10	87,100	54		1	21,745	66,210	180,196
Dyeing and finishing textiles	1	30,000	8			6,500	42,800	54,000
Fertilizers	2	13,000	23		2	3,760	11,800	17,800
Files	1	350	1			200	90	700
Flouring- and grist-mill products	472	1,777,297	742	1	1	140,508	3,384,797	3,942,818
Food preparations (see page 39)	1	4,000	4			1,560	7,088	10,000
Foundery and machine-shop products	35	388,300	405		1	158,474	168,921	466,862
Fruits and vegetables, canned and preserved	1	1,000	6			500	1,200	2,200
Furniture (see also Mattresses and spring beds)	37	82,300	166		2	55,486	50,957	154,068
Glass	4	550,522	615	100	231	311,650	208,064	748,500
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	2	4,000	2	7		950	3,250	7,500
Glue	1	2,000	4		2	1,085	800	3,000
Hardware	1	110,000	60		40	27,500	63,000	190,000
Handles, wooden	1	1,500	10		2	2,375	2,000	7,250
Hosiery and knit goods (see also Gloves and mittens; Woolen goods)	1	5,000	2		2	700	1,700	2,600
Iron and steel	20	3,913,616	3,780		341	1,541,816	3,484,625	6,054,032
Iron nails and spikes, cut and wrought	1	60,000	15	10	18	15,000	30,000	110,000
Lamps and reflectors	1	20,000	16	8	6	13,000	36,000	75,000
Leather, curried	30	229,535	112			45,810	536,755	725,010
Leather, tanned	93	515,855	296	1	4	99,338	1,089,620	1,451,528
Lime	2	6,800	4			450	6,060	9,500
Liquors, distilled	2	201,000	26			8,808	113,420	169,230
Liquors, malt	9	221,017	95			36,434	168,741	280,966
Lock- and gun-smithing	2	1,000					175	1,760
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	15	284,100	149		2	58,566	237,800	353,550
Lumber, sawed	472	1,668,920	2,057		126	459,945	1,375,372	2,431,857
Marble and stone work	13	20,450	50			20,135	20,500	60,334
Masonry, brick and stone	4	2,076	38			12,190	6,019	23,400
Mattresses and spring beds (see also Furniture)	1	200	1			50	200	600
Painting and paperhanging	4	2,200	11			4,566	6,567	14,050
Paper	3	160,000	74	1	3	25,200	145,900	211,000
Patent medicines and compounds (see also Drugs and chemicals)	2	8,500	2		2	502	10,600	16,200
Plumbing and gasfitting	6	54,015	45			23,288	58,113	99,453
Printing and publishing	18	137,000	152	15	35	74,432	46,764	185,750
Pumps, not including steam pumps	2	13,000	14		1	6,300	9,700	20,000
Roofing and roofing materials	3	1,200	6		1	1,400	6,000	11,100
Saddlery and harness	74	73,870	95		1	28,494	38,210	170,825
Salt	15	910,500	702		34	160,227	192,113	380,369
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	3	43,750	38			11,556	23,600	54,500
Shipbuilding	10	55,000	99			51,510	162,300	231,130
Shirts	4	1,200		40		9,200	20,240	33,890
Soap and candles	2	5,000	7		7	3,460	2,626	8,124
Slaughtering and meat-packing, not including retail butchering establishments.	6	100,161	30			13,050	273,840	307,500
Stencils and brands	1	2,000	1			600	1,125	3,550
Stone- and earthen-ware	6	25,100	56	2		16,111	9,208	22,700
Tinware, copperware, and sheet-iron ware	51	100,185	122		5	46,423	118,086	219,136
Tobacco, cigars and cigarettes	67	167,815	300	5	27	111,739	258,830	452,993
Vinegar	1	500	1			150	300	500
Watch and clock repairing	2	2,200	1			225	800	1,500
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	64	41,915	87		1	20,383	27,210	78,400
Whips	1	36,000	90			16,000	40,000	60,000
Wirework	1	900					1,000	1,500
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	1	1,000	3			200	100	800
Woolen goods (see also Gloves and mittens)	55	293,170	226	96	31	44,161	245,843	356,986

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

A—WISCONSIN, BY TOTALS OF COUNTIES.

Counties.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State	7,674	$73,821,802	48,255	6,241	2,613	$18,814,917	$85,796,178	$128,255,480
Adams	21	39,250	29	1	.....	4,717	57,236	73,570
Ashland	5	95,000	75	.....	8	15,960	65,990	101,725
Barron	28	103,810	79	7	4	16,778	114,142	172,117
Bayfield	4	32,500	30	.....	11	11,596	32,984	59,400
Brown	190	1,342,605	1,543	7	49	585,167	1,086,493	3,413,227
Buffalo	51	171,475	88	.....	9	23,768	155,645	226,250
Burnett	9	22,200	14	.....	2	2,291	14,920	22,376
Calumet	137	349,566	258	6	3	56,687	418,916	607,086
Chippewa	28	765,775	367	2	12	103,955	658,768	901,581
Clark	62	333,420	226	1	7	58,654	337,151	501,591
Columbia	143	460,890	278	41	2	100,216	525,887	845,952
Crawford	71	312,900	130	1	8	41,175	324,799	467,503
Dane	290	1,015,775	1,043	57	23	440,773	1,373,784	2,234,841
Dodge	285	2,374,532	1,041	69	23	306,007	1,884,318	2,636,731
Door	21	258,500	155	.....	20	43,212	276,452	392,187
Douglas	3	54,000	31	.....	.....	11,550	53,700	79,000
Dunn	79	602,775	595	10	43	103,764	741,026	1,164,713
Eau Claire	50	2,770,500	1,106	16	46	344,821	2,191,479	3,079,705
Fond du Lac	297	2,330,048	1,527	90	82	580,082	2,524,110	3,704,325
Grant	158	419,710	276	8	5	99,801	488,531	740,945
Green	191	484,925	382	44	5	129,308	584,421	887,772
Green Lake	85	347,250	300	47	5	107,508	499,527	714,194
Iowa	117	280,920	196	2	.....	56,503	424,141	615,114
Jackson	78	570,300	286	7	.....	74,593	556,014	774,833
Jefferson	238	1,290,955	988	64	90	365,667	1,741,003	2,548,068
Juneau	72	1,157,264	425	18	15	132,932	978,991	1,339,341
Kenosha	91	1,094,542	605	4	61	340,640	1,285,583	1,874,116
Kewaunee	79	246,470	220	3	13	55,167	321,283	467,086
La Crosse	133	3,148,860	1,204	61	72	493,392	2,203,816	3,184,447
La Fayette	85	173,326	140	1	.....	34,718	233,452	336,182
Langlade	2	5,000	6	.....	.....	700	5,500	8,550
Lincoln	6	89,700	92	7	.....	28,436	196,000	262,470
Manitowoc	268	1,138,565	1,183	59	69	385,574	1,664,237	2,444,883
Marathon	127	1,404,865	861	32	36	283,081	1,260,926	1,856,934
Marinette	23	4,576,750	562	1	21	269,612	1,431,750	2,094,514
Marquette	55	249,550	105	19	5	31,657	206,235	290,951
Milwaukee	886	19,847,664	16,416	3,936	956	7,083,520	29,543,456	44,494,549
Monroe	76	385,750	244	15	10	73,395	488,223	687,687
Oconto	52	1,566,850	502	.....	7	142,801	896,813	1,247,563
Outagamie	157	1,644,428	934	100	105	424,147	1,851,355	2,869,832
Ozaukee	137	555,875	306	2	15	103,719	866,803	1,219,005
Pepin	25	61,375	30	.....	.....	8,306	89,635	122,185
Pierce	95	522,850	230	2	5	63,835	705,576	924,426
Polk	26	180,750	130	1	7	36,600	206,225	293,242
Portage	92	815,740	593	12	17	163,221	1,014,351	1,447,867
Price	4	33,100	21	.....	.....	8,406	54,325	75,200
Racine	224	4,728,608	3,157	195	269	1,438,836	3,901,619	7,138,447
Richland	111	237,975	182	8	3	43,830	348,844	509,533
Rock	255	2,129,831	1,698	388	121	793,715	2,600,761	4,347,333
Saint Croix	112	740,197	293	5	9	107,469	1,105,203	1,488,192
Sauk	157	540,164	375	24	8	110,232	809,330	1,158,887
Shawano	40	125,200	107	.....	1	22,036	147,482	212,882
Sheboygan	354	1,460,757	1,467	145	93	508,907	2,749,605	3,987,502
Taylor	10	152,850	95	6	5	31,450	207,015	290,500
Trempealeau	65	211,525	108	2	.....	29,478	369,723	462,415
Vernon	61	149,736	103	.....	1	28,370	223,656	311,614
Walworth	155	954,519	612	16	3	237,945	829,872	1,406,389
Washington	235	618,180	377	16	15	97,809	669,470	1,030,868
Waukesha	181	618,150	369	38	65	135,753	760,863	1,100,111
Waupaca	147	505,191	356	5	12	94,585	693,440	972,954
Waushara	54	124,600	74	15	.....	18,554	220,813	289,353
Winnebago	321	3,963,441	2,652	624	166	1,066,121	5,735,595	7,923,002
Wood	60	892,078	438	1	31	129,755	797,456	1,110,662

B—WISCONSIN, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	7,674	$73,821,802	48,255	6,241	2,613	$18,814,917	$85,796,178	$128,255,480
Agricultural implements	108	3,747,095	1,999	.....	68	874,667	1,373,547	3,742,069
Artificial feathers and flowers	1	6,000	1	49	.....	4,320	5,000	12,500
Artificial limbs	1	3,000	2	.....	.....	1,800	2,500	7,000
Bags, paper	1	6,000	5	3	1	2,600	40,000	50,000
Baking and yeast powders (see also Drugs and chemicals)	2	1,800	6	2	.....	2,355	6,000	11,720
Baskets, rattan and willow ware	9	117,700	161	15	181	65,960	56,675	158,800
Blacksmithing (see also Wheelwrighting)	1,007	928,021	1,145	1	17	366,063	594,742	1,581,417
Bookbinding and blank-book making	15	34,000	79	58	21	44,482	40,751	115,336
Boot and shoe uppers	2	5,000	4	6	1	3,021	10,100	18,115
Boots and shoes, including custom work and repairing	802	1,191,464	1,923	144	88	674,758	1,704,728	3,025,062

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—WISCONSIN, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Boxes, cigar	3	$11,000	26	26	2	$11,000	$34,400	$58,000
Boxes, fancy and paper	2	6,000	14	12	9	3,000	9,000	21,500
Boxes, wooden, packing	15	46,265	85	48	7	32,341	65,477	121,100
Brass castings	7	110,800	142	2	2	51,592	78,436	170,114
Bread and other bakery products	82	223,401	219	30	36	87,040	471,177	697,289
Brick and tile (see also Drain and sewer pipe)	119	560,872	1,205	8	182	231,351	161,400	607,609
Bridges	3	21,700	41	.....	.....	17,412	46,013	82,102
Brooms and brushes	16	23,750	78	6	1	23,315	34,874	85,125
Carpentering	186	322,437	1,278	4	18	498,148	946,038	1,721,507
Carpets, rag	7	5,400	19	26	.....	4,950	14,875	25,850
Carriage and wagon materials	13	285,000	366	1	31	132,260	207,800	418,020
Carriages and sleds, children's	1	2,000	3	1	3	2,000	1,000	6,000
Carriages and wagons (see also Wheelwrighting)	156	2,771,212	2,481	20	86	1,135,443	2,403,638	4,350,454
Cement	1	350,000	70	.....	.....	16,000	13,000	70,000
Charcoal	11	51,900	95	.....	.....	31,165	53,940	103,225
Cheese and butter (factory)	414	613,643	497	62	2	98,920	1,036,357	1,501,087
Clothing, men's	212	2,380,403	2,475	2,637	56	1,208,752	2,847,660	4,883,797
Clothing, women's	4	64,000	34	163	.....	29,900	109,000	147,160
Coffee and spices, roasted and ground	10	258,621	127	19	15	90,550	695,042	935,640
Coffins, burial cases, and undertakers' goods	6	59,300	49	1	4	15,491	9,950	36,437
Confectionery	9	149,254	117	32	21	45,798	386,162	488,446
Cooperage	198	429,160	1,292	.....	88	518,008	757,266	1,563,208
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	5	42,850	24	.....	.....	12,792	27,370	52,892
Cordage and twine	5	24,800	29	.....	.....	9,700	18,600	35,600
Corsets	1	5,000	7	60	13	25,000	15,000	50,000
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	1	200,000	61	149	56	67,209	194,556	328,389
Cutlery and edge tools (see also Hardware; Tools)	4	14,700	13	1	.....	6,150	14,210	26,700
Dentistry, mechanical	14	12,225	15	1	2	9,900	19,400	54,650
Drain and sewer pipe (see also Brick and tile)	1	10,000	14	.....	.....	5,776	7,171	21,545
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	14	62,972	31	15	1	14,361	76,879	118,568
Dyeing and cleaning	3	9,800	18	7	8	6,785	3,400	22,580
Electroplating	1	500	2	.....	.....	700	450	2,150
Engraving and die-sinking	1	1,500	12	.....	.....	3,000	1,500	7,365
Engraving, wood	2	1,500	5	.....	.....	2,600	750	5,800
Fertilizers	2	40,000	35	.....	.....	11,600	11,000	29,000
Files	3	6,800	16	.....	.....	5,175	1,135	9,816
Flavoring extracts	1	100	2	.....	.....	420	570	1,700
Flax, dressed	4	15,800	41	.....	.....	13,964	12,900	31,700
Flouring- and grist-mill products	705	9,199,735	2,418	.....	3	861,302	24,306,982	27,639,430
Food preparations (see page 39)	3	40,000	6	.....	5	4,550	35,500	55,000
Foundery and machine-shop products (see also Steam-fittings and heating apparatus).	129	2,502,252	2,542	6	61	1,168,257	1,910,106	3,965,652
Furnishing goods, men's	3	7,000	7	9	1	1,890	17,000	28,850
Furniture (see also Mattresses and spring beds; Upholstering)	177	815,424	1,065	15	44	409,209	500,462	1,225,933
Furniture, chairs	10	596,080	933	187	136	381,856	367,368	951,240
Furs, dressed	4	65,500	15	38	6	25,600	91,300	139,000
Galvanizing	1	20,000	12	.....	.....	6,000	18,000	27,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	6	24,850	13	68	.....	11,800	22,650	48,100
Glue	3	30,000	36	8	.....	9,472	22,500	41,600
Grease and tallow	1	400	1	.....	.....	100	125	352
Gunpowder	1	35,000	14	.....	.....	7,000	45,000	60,000
Hairwork	8	11,800	1	21	.....	4,850	10,475	23,000
Hand-knit goods	5	26,000	2	538	52	14,500	45,500	83,000
Handles, wooden	2	6,000	10	.....	.....	3,000	6,200	15,700
Hardware (see also Cutlery and edge tools; Tools)	10	128,150	199	1	37	79,110	112,760	270,445
Hardware, saddlery	1	10,000	5	1	.....	2,700	17,000	28,000
Hats and caps, not including wool hats	4	36,000	10	22	2	8,500	23,928	42,000
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	4	10,010	6	20	2	3,364	9,125	18,817
Ink	1	3,500	6	.....	.....	1,000	2,000	7,000
Iron and steel	9	2,843,218	2,088	.....	65	1,004,931	3,830,667	6,580,391
Iron doors and shutters	1	1,875	3	.....	.....	1,549	1,800	4,500
Iron nails and spikes, cut and wrought	1	50,000	14	.....	12	15,000	25,000	46,000
Jewelry	5	15,100	19	.....	.....	8,716	32,000	48,800
Lamps and reflectors	1	4,000	6	.....	6	2,400	10,000	15,000
Lead, bar, pipe, sheet, and shot	1	4,000	6	.....	.....	1,600	11,100	13,000
Leather, curried	61	1,299,425	657	.....	1	281,412	3,769,914	4,496,729
Leather, dressed skins	10	78,700	61	1	1	25,999	81,465	128,476
Leather, tanned	73	1,697,825	815	.....	.....	337,211	3,367,360	4,324,433
Lightning rods	2	5,000	5	.....	.....	2,000	3,500	10,000
Lime	28	123,960	166	1	2	38,773	85,975	185,000
Liquors, distilled	6	394,000	44	.....	.....	18,400	205,296	302,213
Liquors, malt	203	7,253,205	1,680	.....	.....	823,124	3,536,438	6,312,173
Lithographing (see also Printing and publishing)	4	69,125	116	2	13	57,751	79,640	166,860
Lock- and gun-smithing	9	19,400	12	.....	.....	3,200	9,000	20,150
Looking-glass and picture frames	5	13,975	12	.....	.....	7,822	20,700	37,970
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	27	256,350	258	4	14	75,873	322,650	519,378
Lumber, sawed	704	19,824,059	7,748	250	467	2,257,218	12,471,473	17,952,347
Malt	3	140,000	31	.....	.....	15,070	278,500	316,000
Marble and stone work	72	297,710	366	.....	4	155,803	207,879	504,718
Masonry, brick and stone	22	40,300	182	.....	2	73,335	74,125	178,800
Matches	1	325,000	50	320	.....	56,200	454,800	532,932

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—WISCONSIN, BY SPECIFIED INDUSTRIES—Continued.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
Mattresses and spring beds (see also Furniture)	9	$33,600	41	5	5	$15,297	$37,718	$70,016
Mineral and soda waters	23	75,200	67	6	11	19,612	47,595	104,825
Mixed textiles (see also Cotton goods; Woolen goods)	2	100,805	25	23	9	19,048	56,493	106,243
Models and patterns	2	1,000	2	.....	.....	1,080	900	3,620
Musical instruments, organs and materials	2	4,500	4	.....	.....	1,600	3,000	6,500
Musical instruments, pianos and materials	2	10,600	8	.....	2	4,250	4,500	12,750
Oil, linseed	3	166,000	30	.....	.....	14,480	253,400	320,400
Painting and paperhanging	72	85,900	324	.....	6	113,567	148,367	337,452
Paints	3	36,500	17	.....	.....	9,400	50,000	78,000
Paper (see also Wood pulp)	13	943,000	401	165	20	235,955	773,150	1,277,736
Patent medicines and compounds (see also Drugs and chemicals)	6	13,050	10	.....	.....	2,822	9,019	30,800
Perfumery and cosmetics	1	5,000	2	4	.....	1,200	9,000	14,000
Photographing	29	42,200	30	7	1	17,243	19,441	67,715
Pickles, preserves, and sauces	3	24,000	26	6	6	7,150	31,600	49,500
Plated and britannia ware	1	60,000	52	15	.....	35,000	20,000	55,000
Plumbing and gasfitting	11	58,200	105	.....	1	48,700	80,700	159,400
Printing and publishing (see also Lithographing)	82	729,800	827	93	88	429,777	337,290	1,096,510
Pumps, not including steam pumps	27	39,625	54	.....	1	16,585	35,626	82,245
Refrigerators	4	11,000	22	.....	.....	12,100	21,800	44,550
Roofing and roofing materials	4	110,000	76	15	.....	40,460	73,160	141,100
Saddlery and harness	344	494,085	573	1	50	197,249	574,384	1,064,235
Safes, doors, and vaults, fire-proof	2	14,000	12	.....	.....	5,850	8,600	19,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	83	1,616,700	1,837	17	128	636,281	1,715,145	2,975,687
Scales and balances	3	29,500	32	.....	2	10,600	16,900	56,600
Shipbuilding	24	208,700	474	.....	.....	223,573	268,303	576,305
Shirts	4	3,600	7	29	.....	8,990	8,790	25,650
Show-cases	2	6,750	8	.....	.....	4,550	7,400	14,000
Slaughtering and meat-packing, not including retail butchering establishments.	13	959,000	1,003	.....	29	203,805	5,898,483	6,533,926
Soap and candles	15	173,500	89	6	12	38,965	272,100	396,740
Springs, steel, car, and carriage	1	4,000	8	.....	.....	4,500	3,500	11,000
Starch	2	40,000	32	12	9	14,000	34,500	56,550
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	1	1,000	4	.....	.....	1,044	3,145	5,587
Stencils and brands	1	1,200	1	.....	.....	600	1,000	2,700
Stereotyping and electrotyping (see also Type founding)	1	400	3	.....	.....	600	400	2,000
Stone- and earthen-ware	14	85,900	80	.....	4	20,611	25,405	78,850
Straw goods	1	85,000	125	275	.....	50,000	125,000	250,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	279	533,075	556	2	12	226,628	498,195	996,608
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	3	331,000	200	6	20	78,500	786,645	978,281
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	152	424,750	1,074	44	95	445,504	575,377	1,346,925
Tools (see also Cutlery and edge tools; Hardware)	2	16,000	32	.....	.....	11,500	7,100	30,000
Toys and games	3	8,150	17	2	4	6,450	12,125	22,500
Trunks and valises	8	249,500	371	.....	60	139,220	231,100	463,600
Type founding (see also Stereotyping and electrotyping)	2	25,000	23	3	15	19,011	19,000	45,000
Upholstering (see also Furniture)	9	14,800	50	.....	.....	25,059	104,850	156,970
Upholstering materials	1	6,000	7	.....	.....	2,000	3,400	7,200
Vinegar	12	94,000	53	.....	.....	26,715	54,900	178,945
Watch and clock repairing	31	26,700	24	.....	1	11,004	15,350	46,050
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	466	472,735	562	.....	7	169,873	267,827	720,872
Whips	2	4,200	4	6	.....	2,550	7,000	12,200
Windmills	9	119,400	172	.....	.....	65,555	87,500	215,325
Window blinds and shades	1	4,000	8	.....	.....	3,600	4,000	8,200
Wirework	9	26,850	56	.....	.....	15,160	29,690	68,285
Wood preserving	1	100,000	24	.....	.....	7,000	20,000	40,000
Wood pulp	3	64,000	47	.....	1	16,564	21,948	76,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	7	13,200	23	.....	5	6,946	10,782	29,430
Wooden ware	5	106,500	172	.....	10	69,900	106,000	219,260
Woolen goods (see also Gloves and mittens; Mixed textiles)	48	1,349,954	426	378	43	214,993	892,793	1,480,069

A—WYOMING TERRITORY, BY TOTALS OF COUNTIES.

The Territory	57	$364,673	380	.....	11	$187,798	$601,214	$898,494
COUNTIES.								
Albany	14	251,203	223	.....	10	101,430	459,912	591,880
Carbon	9	19,600	29	.....	.....	8,600	24,492	41,955
Crook (a)	.....	.....	.....	.....	.....	.....	.....	.....
Johnson (a)	.....	.....	.....	.....	.....	.....	.....	.....
Laramie	28	77,870	117	.....	1	76,787	109,457	253,356
Sweetwater	6	16,000	11	.....	.....	981	7,353	11,303
Uinta (a)	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

TABLE IV.—MANUFACTURES IN EACH STATE AND TERRITORY: 1880.

B—WYOMING TERRITORY, BY SPECIFIED INDUSTRIES.

Mechanical and manufacturing industries.	No. of establishments.	Capital.	Average number of hands employed.			Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries	57	$364,673	380	.....	11	$187,798	$601,214	$898,494
Awnings and tents	1	150	1	.....	.....	642	1,000	2,000
Blacksmithing (see also Wheelwrighting)	9	21,100	33	.....	1	21,015	12,400	50,700
Boots and shoes, including custom work and repairing	12	7,370	14	.....	.....	9,580	15,450	41,316
Brick and tile	2	1,500	28	.....	.....	5,300	1,400	8,500
Carpentering	5	5,600	22	.....	.....	16,578	33,500	59,000
Carriages and wagons (see also Wheelwrighting)	1	3,850	8	.....	.....	8,020	6,300	16,860
Flouring- and grist-mill products	1	7,000	3	.....	.....	150	3,740	4,700
Iron and steel	1	212,603	174	.....	10	79,650	403,568	491,345
Jewelry	1	1,000	4	.....	.....	6,240	5,000	15,000
Liquors, malt	6	35,000	16	.....	.....	6,403	24,326	43,293
Lock- and gun-smithing	1	4,000	1	.....	.....	100	2,000	3,000
Lumber, sawed	7	26,700	38	.....	.....	6,380	27,350	40,000
Photographing	1	2,000	2	.....	.....	1,020	2,000	6,000
Saddlery and harness	4	15,500	21	.....	.....	15,500	16,720	43,000
Salt	1	3,000	2	.....	.....	1,460	1,460	8,760
Sash, doors, and blinds	1	10,000	5	.....	.....	5,000	30,000	40,000
Tinware, copperware, and sheet-iron ware	2	2,300	4	.....	.....	2,760	12,000	17,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	1	6,000	4	.....	.....	2,000	3,000	7,000