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

A—ALABAMA, 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	2,070	$9,668,008	8,368	842	809	$2,500,504	$8,545,520	$13,565,504
Autauga	44	330,675	217	50	72	96,460	352,517	576,606
Baldwin	23	198,205	449	45	25	131,660	109,250	344,450
Barbour	60	227,822	253	1	24	61,378	372,824	490,183
Bibb	17	175,500	147	.....	12	39,812	59,678	141,109
Blount	35	45,500	57	.....	.....	6,420	78,602	103,791
Bullock	18	35,600	61	.....	6	10,006	46,345	60,558
Butler	50	116,700	106	.....	3	25,245	164,130	233,522
Calhoun	55	682,741	640	.....	27	215,279	283,424	528,644
Chambers	38	65,240	71	.....	4	13,610	120,547	158,189
Cherokee	59	614,370	570	.....	3	121,728	182,758	342,813
Chilton	10	58,800	97	.....	.....	36,500	167,500	241,400
Choctaw	22	31,982	26	.....	1	4,505	20,184	42,716
Clarke	38	32,500	39	.....	3	5,170	58,407	75,216
Clay	31	36,450	28	.....	.....	4,089	83,281	101,414
Cleburne	23	23,250	18	.....	1	3,601	42,002	52,711
Coffee	23	20,700	37	.....	.....	4,051	64,096	77,781
Colbert	37	107,700	66	13	24	16,624	60,307	96,188
Conecuh	15	19,300	25	.....	4	2,775	24,071	32,922
Coosa	31	59,900	51	.....	.....	5,790	40,963	57,276
Covington	7	8,120	5	.....	.....	1,200	17,993	21,892
Crenshaw	19	20,825	30	.....	.....	4,555	38,812	51,275
Cullman	16	31,950	59	2	.....	12,755	20,171	41,758
Dale	16	35,850	40	5	1	7,799	71,520	98,680
Dallas	32	270,860	263	58	40	82,779	309,085	468,632
De Kalb	21	57,220	31	.....	.....	3,905	38,879	47,170
Elmore	38	502,750	203	200	150	91,550	469,698	656,997
Escambia	11	37,000	45	.....	1	13,850	64,500	118,560
Etowah	30	155,340	170	.....	5	48,790	239,943	375,165
Fayette	5	8,700	5	.....	.....	595	19,115	23,232
Franklin	5	4,850	7	.....	.....	601	2,050	5,150
Geneva	12	10,300	24	.....	.....	6,915	25,950	41,471
Greene	10	17,350	23	.....	.....	4,139	35,650	43,996
Hale	38	32,690	56	.....	.....	8,063	64,718	91,915
Henry	35	44,355	64	.....	.....	6,765	24,390	38,032
Jackson	34	54,900	63	.....	.....	11,271	89,171	122,800
Jefferson	36	1,420,125	301	.....	.....	96,314	361,879	757,741
Lamar	30	40,450	40	.....	.....	5,580	72,035	85,033
Lauderdale	47	107,720	108	51	26	23,172	123,008	177,785
Lawrence	32	39,220	34	.....	.....	5,865	63,430	82,876
Lee	37	101,800	103	12	5	23,010	114,112	157,386
Limestone	60	75,575	93	1	13	13,185	85,758	126,484
Lowndes	22	32,050	55	.....	.....	8,479	56,335	78,213
Macon	15	37,425	39	.....	.....	5,113	62,143	75,608
Madison	100	310,550	194	67	20	61,726	271,004	422,145
Marengo	32	56,700	73	.....	19	17,557	81,505	118,137
Marion	9	41,850	21	28	15	9,979	43,320	64,810
Marshall	9	14,075	10	.....	.....	1,340	50,055	63,914
Mobile	125	960,658	950	66	77	348,413	987,502	1,655,437
Monroe	20	17,800	32	.....	.....	6,371	21,850	39,405
Montgomery	88	392,650	601	7	30	187,091	720,089	1,130,248
Morgan	34	62,950	76	.....	2	13,365	110,885	165,349
Perry	16	30,350	73	2	12	10,187	48,673	70,135
Pickens	19	27,675	41	10	7	9,211	39,099	53,766
Pike	35	45,195	71	2	.....	15,555	120,749	163,262
Randolph	48	111,625	97	22	48	30,469	132,068	190,960
Russell	27	49,900	130	.....	6	25,098	48,196	96,751
Saint Clair	28	26,385	39	.....	.....	5,770	29,987	44,183
Shelby	45	801,505	395	.....	23	209,408	269,782	561,500
Sumter	27	32,975	47	.....	.....	10,387	65,545	95,820
Talladega	41	234,500	254	.....	10	86,826	223,194	327,501
Tallapoosa	17	36,445	27	.....	1	7,150	54,266	71,610
Tuscaloosa	34	255,310	160	200	84	100,045	193,683	363,419
Walker	24	34,650	32	.....	2	4,104	33,842	45,760
Washington	10	24,300	176	.....	2	40,915	92,127	162,302
Wilcox	37	58,775	61	.....	1	11,840	69,081	90,590
Winston	8	10,825	9	.....	.....	1,144	13,778	14,730

B—ALABAMA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,070	$9,668,008	8,368	842	809	$2,500,504	$8,545,520	$13,565,504
Agricultural implements	20	13,075	35	.....	1	7,510	8,806	29,014
Blacksmithing (see also Wheelwrighting)	210	72,760	274	.....	9	62,152	63,118	224,011
Bookbinding and blank-book making	2	2,300	2	.....	.....	1,100	2,000	5,000
Boots and shoes, including custom work and repairing	80	43,445	118	2	2	37,323	55,327	142,856
Bread and other bakery products	11	26,025	29	4	4	9,908	42,820	76,300

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

B—ALABAMA, 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.			
Brick and tile	38	$78,525	428		139	$68,397	$53,225	$159,952
Brooms and brushes	3	2,500	14			3,870	7,885	15,055
Carpentering	51	56,720	287			93,770	165,500	337,450
Carriages and wagons (see also Wheelwrighting)	22	69,600	157	1	2	61,593	82,347	200,100
Clothing, men's	4	3,600	13	5		9,555	15,400	35,000
Coffins, burial cases, and undertakers' goods	3	8,500	4			1,268	7,900	12,300
Coke	4	135,500	64			38,500	76,018	148,026
Confectionery	5	12,200	27	1	1	10,045	57,550	98,500
Cooperage	5	1,780	10			3,350	1,875	8,547
Cotton goods	18	1,386,500	444	731	467	283,198	848,511	1,352,099
Dentistry, mechanical	2	2,500	1			200	700	4,200
Flouring- and grist-mill products	807	1,803,514	1,337	4	25	211,243	3,787,711	4,315,174
Foundery and machine-shop products	18	297,358	241		14	101,809	107,605	293,691
Furniture (see also Mattresses and spring beds; Upholstering)	14	42,850	90	7	8	26,450	36,050	84,100
Furniture, chairs	2	775	3	1		415	400	2,200
Ice, artificial	3	39,200	15			3,905	1,575	13,659
Iron and steel	14	3,309,196	1,581		45	571,713	601,073	1,452,856
Kaolin and ground earths	1	2,400	6			1,400	2,400	4,800
Leather, curried	63	32,354	48		2	8,201	88,033	130,123
Leather, tanned	82	86,876	129		7	24,658	127,742	212,545
Lime	2	7,000	75			22,200	18,500	56,000
Liquors, distilled	1	3,000	3			510	3,221	5,170
Lock- and gun-smithing	7	3,550	1		1	430	2,000	8,200
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	5	30,000	29		2	8,950	47,700	62,800
Lumber, sawed	354	1,545,655	1,611		36	424,156	1,608,635	2,649,634
Marble and stone work	5	17,475	29			10,250	13,050	34,500
Mattresses and spring beds (see also Furniture)	4	1,800	9			2,401	6,764	14,000
Mineral and soda waters	1	5,000	4			1,500	4,800	10,000
Oil, cottonseed and cake	2	82,000	150			42,500	158,000	247,982
Painting and paperhanging	4	5,850	16			5,400	7,000	18,000
Photographing	1	1,500		1		600	1,200	2,500
Plumbing and gasfitting	1	4,000	4			2,500	5,000	10,000
Printing and publishing	19	77,100	84	3	4	40,920	65,546	141,175
Rice cleaning and polishing	2	300	1			300	800	2,000
Saddlery and harness	19	39,450	53	1	2	24,065	68,680	130,290
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	8	84,500	85		1	26,840	47,200	99,100
Scales and balances	1	100	1			156	300	800
Shipbuilding	1	25,000	25			22,500	25,000	60,000
Stone- and earthen-ware	13	5,095	41		4	7,261	3,098	19,850
Tar and turpentine, not including farm products	26	100,300	622	74	28	160,500	85,225	372,050
Tinware, copperware, and sheet-iron ware	24	28,200	62		1	24,459	48,100	99,125
Tobacco, cigars and cigarettes	7	9,300	20		2	10,416	8,650	22,500
Upholstering (see also Furniture)	1	500		2		400	300	1,500
Watch and clock repairing	3	1,600			1	150	970	2,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	62	30,630	73		1	10,360	24,050	73,525
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	1	150					100	600
Woolen goods	14	28,000	13	5		3,037	49,361	63,745

A—ARIZONA TERRITORY, BY TOTALS OF COUNTIES.

The Territory	66	$272,600	216	2	2	$111,180	$380,023	$618,365
COUNTIES.								
Apache	3	4,600	7	2		978	7,805	12,655
Maricopa	5	60,000	23			10,830	93,252	108,180
Mohave (a)								
Pima	28	89,650	110			62,970	149,886	271,378
Pinal	19	61,700	49		1	25,787	70,615	132,367
Yavapai	11	56,650	27		1	10,615	58,465	93,785
Yuma (a)								

a Returned as having no manufactures.

B—ARIZONA TERRITORY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	66	$272,600	216	2	2	$111,180	$380,023	$618,365
Blacksmithing	16	21,500	38			28,400	19,550	72,300
Boots and shoes, including custom work and repairing	3	6,100	4			3,100	10,000	18,000
Bread and other bakery products	2	1,200	2			1,000	1,550	3,700
Brick and tile	1	2,500	10			4,500	2,250	9,600
Carpentering	7	3,500	48			24,250	56,750	93,800
Cheese and butter (factory)	2	2,100	4	2		600	2,760	6,395
Confectionery	1	300	1			750	1,500	3,650
Flouring- and grist-mill products	8	94,000	27			9,615	141,103	165,357
Liquors, malt	9	35,550	6			2,140	7,824	14,345
Lumber, sawed	13	102,450	77		2	33,375	131,786	215,918
Saddlery and harness	1	300	1			500	500	1,500
Tinware, copperware, and sheet-iron ware	3	3,100	3			2,950	4,450	13,800

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

A—ARKANSAS, 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	1,202	$2,953,130	4,307	90	160	$925,358	$4,392,080	$6,756,159
Arkansas	6	10,050	14			1,280	5,540	9,600
Ashley	14	31,125	42			4,365	66,005	71,297
Baxter	16	15,325	31			3,005	13,915	24,210
Benton	35	56,150	72		8	11,179	205,409	235,399
Boone	29	36,805	66			9,623	204,968	242,344
Bradley	9	9,555	17		1	2,224	24,962	40,812
Calhoun	3	2,600	3			500	2,000	3,500
Carroll	10	12,995	18			1,200	11,785	16,310
Chicot	2	15,000	22			4,675	18,500	31,500
Clark	30	49,800	97		4	12,006	90,759	129,315
Clay	15	35,875	73	2	5	14,590	68,345	102,770
Columbia	12	16,850	16		1	1,404	10,991	15,665
Conway	14	25,300	61		9	7,931	29,535	47,612
Craighead	5	16,000	20			1,725	12,925	16,400
Crawford	12	27,900	24	1		2,771	28,025	37,672
Crittenden	4	7,100	14			1,750	5,215	9,175
Cross	4	7,200	5			375	7,600	8,772
Dallas	9	10,150	16			545	11,995	14,344
Desha	1	3,000	2			100	550	1,000
Dorsey	12	9,300	21			2,105	19,845	28,300
Drew	20	42,600	49		6	7,698	21,464	41,317
Faulkner	8	12,700	18			2,300	62,250	74,590
Franklin	9	19,050	20			3,292	28,535	38,405
Fulton	6	17,850	8			550	20,700	34,610
Garland	18	53,300	67	1	1	7,882	39,387	61,900
Grant	3	5,800	12		2	450	2,575	4,250
Greene	23	26,525	57		2	4,260	21,685	35,860
Hempstead	26	53,275	98		10	16,208	79,055	115,477
Hot Spring	14	32,950	43			5,461	32,395	50,810
Howard	8	19,450	42		1	8,807	54,625	79,194
Independence	22	62,606	60	6		10,085	74,041	94,605
Izard	21	17,325	49		2	5,759	34,164	51,146
Jackson	9	23,100	41		2	4,610	12,100	17,250
Jefferson	21	84,350	157			46,680	96,755	228,434
Johnson	24	32,525	62			10,865	46,382	72,331
La Fayette	7	6,950	11			2,132	7,044	10,198
Lawrence	12	66,100	58	2		9,611	43,486	66,082
Lee	9	47,550	28			4,135	33,121	50,233
Lincoln	7	8,750	11		1	1,880	7,619	12,875
Little River	4	9,500	30		2	1,550	7,150	14,250
Logan	18	25,300	44			5,612	53,722	84,837
Lonoke	5	20,400	10			3,015	18,130	25,300
Madison	24	27,925	49			6,020	105,892	125,678
Marion	11	20,800	26			2,627	22,120	33,863
Miller	11	39,650	52			17,002	121,790	160,300
Mississippi	9	14,325	26			1,350	7,175	13,345
Monroe	11	62,490	40		4	9,225	38,830	64,525
Montgomery	8	17,000	12			825	4,686	7,292
Nevada	18	23,100	63			13,346	33,513	67,384
Newton	6	9,525	4			272	4,227	5,244
Ouachita	5	11,500	20	3	3	6,025	28,650	41,085
Perry	9	21,800	40			4,932	28,300	38,272
Phillips	56	151,035	256	1	1	64,125	196,950	372,003
Pike	8	58,150	25	9	12	5,451	26,826	41,901
Poinsett	1	2,000	2			100	750	1,000
Polk	15	13,800	51			4,342	51,710	66,554
Pope	38	69,975	94		1	9,806	70,298	108,481
Prairie	11	23,300	38			7,225	14,570	28,670
Pulaski	98	602,499	958	56	50	378,058	1,057,978	1,859,198
Randolph	16	39,300	30			3,416	52,835	63,965
Saint Francis	12	11,600	51		8	5,359	23,882	39,277
Saline	17	75,850	87			16,624	57,545	94,767
Scott	9	15,425	29			4,185	37,555	49,833
Searcy	4	4,100	9			924	22,625	27,575
Sebastian	45	95,325	177	2	9	35,260	132,131	210,030
Sevier	6	6,300	9			850	4,339	7,250
Sharp	13	21,700	27			2,774	15,986	25,006
Stone	5	3,750	7			303	5,110	6,421
Union	17	18,100	21			1,825	22,898	29,288
Van Buren	16	54,650	27			3,269	39,133	49,470
Washington	103	197,990	229	4	4	44,122	339,337	476,752
White	40	79,950	122	3	10	13,776	87,561	134,844
Woodruff	1	5,000	8			700	2,350	4,000
Yell	43	78,630	109		1	15,996	96,274	146,935

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

B—ARKANSAS, 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	1,202	$2,953,130	4,807	90	160	$925,358	$4,392,080	$6,756,159
Agricultural implements	11	9,085	24			5,541	8,414	23,860
Baking and yeast powders	2	4,500	6		1	2,450	5,000	15,500
Blacksmithing (see also Wheelwrighting)	181	76,621	216		1	49,330	67,067	210,105
Bookbinding and blank-book making	1	5,000	3	5		2,500	3,500	7,000
Boots and shoes, including custom work and repairing	30	13,735	32			11,790	18,304	50,057
Brass castings	1	2,500	1			160	550	1,200
Bread and other bakery products	3	2,050	4			1,590	5,300	8,700
Brick and tile	32	38,700	339		36	53,775	36,000	117,370
Brooms and brushes	2	1,184	11	15	12	765	928	1,978
Carpentering	34	21,195	171			56,455	86,945	199,625
Carriage and wagon materials	1	3,000	13			2,000	500	3,000
Carriages and wagons (see also Wheelwrighting)	14	56,450	100			40,855	71,250	145,075
Clothing, men's	7	7,800	10	3		11,000	12,700	35,500
Clothing, women's	1	5,000	2	10		2,000	5,000	10,000
Coffins, burial cases, and undertakers' goods	1	800	1			700	1,550	3,000
Confectionery	3	1,900	4			1,600	6,300	11,800
Cooperage	5	8,800	27			13,450	7,600	29,000
Corsets	1	150		3		550	850	1,000
Cotton goods	2	75,000	10	17	27	7,330	33,305	50,000
Dentistry, mechanical	2	550	2			400	600	2,400
Flouring- and grist-mill products	350	810,915	740		4	97,614	1,970,317	2,249,289
Foundery and machine-shop products	12	67,050	100			43,725	52,400	152,500
Furniture (see also Mattresses and spring beds)	18	42,300	59	2	3	20,800	31,445	85,305
Hones and whetstones	2	6,500	11			1,750	2,421	5,550
Ice, artificial	1	25,000	5			5,000	5,500	12,000
Leather, curried	4	2,417	3			942	5,470	7,650
Leather, tanned	6	7,683	8			2,097	5,797	12,300
Liquors, distilled	11	22,100	16			1,965	14,202	22,105
Lock- and gun-smithing	1	1,000	2			1,200	560	3,500
Lumber, planed	3	3,175	18		1	5,300	20,885	33,100
Lumber, sawed	319	1,067,840	1,690		54	237,394	1,070,395	1,793,848
Marble and stone work	3	790	2			225	900	2,600
Masonry, brick and stone	2	2,500	35			19,000	20,500	49,000
Mattresses and spring beds (see also Furniture)	1	1,080	3	1		2,500	2,500	6,000
Mineral and soda waters	2	3,100	6			1,750	4,500	7,700
Oil, cottonseed and cake	4	275,000	237			79,400	378,000	590,000
Patent medicines and compounds	2	3,500	7			4,500	7,500	15,000
Photographing	2	800	3	1		325	1,100	3,100
Plumbing and gasfitting	2	12,500	13		2	7,000	30,000	51,000
Printing and publishing	6	29,800	51	2	6	23,530	15,750	77,800
Saddlery and harness	21	50,100	53			21,731	66,803	126,550
Shipbuilding	3	2,500	25			3,600	21,700	28,000
Shirts	1	750		8		2,080	500	5,000
Slaughtering and meat-packing, not including retail butchering establishments.	2	4,500	10			3,800	61,175	85,680
Stone- and earthen-ware	4	2,700	4			350	440	2,800
Tinware, copperware, and sheet-iron ware	20	29,075	54			22,952	55,020	106,650
Tobacco, cigars and cigarettes	4	10,750	24	2	6	16,371	40,400	78,992
Trunks and valises	1	1,000	4			2,400	9,500	15,000
Watch and clock repairing	7	16,680	8			3,900	7,000	17,200
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	29	28,375	54			14,681	22,825	56,650
Woolen goods	25	85,550	62	21	7	13,226	85,972	127,430

A—CALIFORNIA, BY TOTALS OF COUNTIES.

The State	5,885	$61,243,784	38,327	3,022	1,400	$21,065,905	$72,607,709	$116,218,973
COUNTIES.								
Alameda	177	2,401,332	2,245	13	22	1,066,472	3,536,348	5,338,975
Alpine	6	2,950	7			6,200	6,450	17,500
Amador	43	158,100	132			80,623	106,217	341,535
Butte	102	606,160	398		9	150,993	481,656	853,531
Calaveras	25	54,350	32			13,852	44,032	83,950
Colusa	71	188,335	139		1	64,099	269,703	445,009
Contra Costa	24	902,300	154		5	59,576	293,020	511,026
Del Norte	20	158,200	63		1	27,760	82,153	149,125
El Dorado	15	79,400	35			16,813	51,222	95,686
Fresno	26	228,944	146	2		31,519	148,590	234,087
Humboldt	72	1,198,825	777			257,916	527,485	990,127
Inyo	16	52,750	33			11,776	60,207	90,320
Kern	13	79,850	93		1	24,157	112,000	154,060
Lake	35	100,043	76	1		20,380	132,443	196 400
Lassen	21	37,650	45			12,088	41,490	74,820
Los Angeles	172	941,780	656	9	41	285,338	1,011,379	1,668,450
Marin	135	410,950	796		9	172,652	504,796	924,666
Mariposa	11	53,050	53			12,139	16,957	39,500
Mendocino	60	1,614,903	972		2	253,504	425,605	1,004,488
Merced	24	156,300	94	6	1	41,206	148,204	239,577

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

A—CALIFORNIA, 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.			
Modoc	32	$94,050	100	.....	1	$26,648	$91,314	$162,454
Mono	34	204,495	247	.....	.....	130,716	281,161	569,707
Monterey	8	20,200	18	.....	.....	4,778	38,539	57,863
Napa	117	969,760	424	5	11	155,192	790,407	1,227,463
Nevada	50	379,100	231	.....	2	110,936	306,165	543,531
Placer	45	456,450	250	.....	.....	97,939	219,990	414,142
Plumas	54	154,350	97	.....	1	26,526	68,903	149,448
Sacramento	171	1,758,590	916	10	46	565,340	2,982,639	4,204,174
San Benito	24	199,940	79	1	.....	22,409	164,374	219,283
San Bernardino	36	161,750	93	3	3	29,255	76,869	171,889
San Diego	36	79,977	67	1	.....	24,183	75,280	138,330
San Francisco	2,971	35,368,139	23,662	3,588	1,192	14,928,534	47,978,072	77,824,299
San Joaquin	93	1,784,175	737	7	55	406,430	2,372,134	3,203,030
San Luis Obispo	28	65,325	39	.....	.....	23,909	122,400	178,272
San Mateo	24	304,875	131	.....	.....	26,545	66,113	125,117
Santa Barbara	25	140,350	53	1	.....	13,551	133,192	177,246
Santa Clara	302	2,157,866	1,332	237	25	621,082	1,548,909	2,886,312
Santa Cruz	113	2,341,925	734	10	2	299,680	1,053,706	1,925,370
Shasta	46	236,450	112	1	3	36,000	125,078	229,271
Sierra	48	172,600	149	.....	.....	49,068	135,972	252,670
Siskiyou	56	158,350	103	.....	1	41,261	140,557	253,630
Solano	60	965,800	296	.....	.....	179,735	2,227,885	2,760,530
Sonoma	212	1,140,695	556	17	11	208,163	753,725	1,252,745
Stanislaus	5	39,500	21	.....	.....	6,364	42,205	59,202
Sutter	8	8,250	6	.....	.....	1,150	3,878	8,840
Tehama	12	1,273,700	245	.....	10	106,252	804,334	1,078,431
Trinity	22	49,600	40	.....	.....	11,946	43,300	85,116
Tulare	33	131,500	76	1	.....	32,740	250,508	350,069
Tuolumne	36	200,300	101	.....	2	54,301	188,313	304,915
Ventura	17	72,250	40	2	1	12,205	73,088	116,734
Yolo	62	200,250	163	.....	1	53,025	307,293	449,414
Yuba	37	527,050	317	7	1	150,259	1,081,090	1,385,624

B—CALIFORNIA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	5,885	$61,243,784	38,311	3,922	1,460	$21,065,905	$72,607,709	$116,218,973
Agricultural implements	21	389,500	286	.....	9	149,995	334,035	586,338
Artificial feathers and flowers (see also Millinery and lace goods)	4	2,550	2	1	.....	962	2,700	5,850
Awnings and tents	6	34,300	7	7	3	8,175	19,750	37,242
Axle-grease	2	11,500	7	.....	.....	4,080	18,800	33,000
Babbitt metal and solder	1	3,000	1	.....	.....	320	15,000	18,000
Bags, other than paper	5	600,000	672	50	14	233,585	1,715,000	2,102,500
Bags, paper	2	27,500	10	.....	.....	5,524	60,300	83,528
Baking and yeast powders (see also Drugs and chemicals)	4	48,000	24	3	.....	16,575	97,490	142,345
Baskets, rattan and willow ware	9	9,325	20	5	3	6,560	4,865	21,200
Bells	1	2,000	2	.....	.....	1,800	2,000	6,500
Belting and hose, leather	4	85,000	31	.....	.....	18,565	73,100	117,780
Billiard tables and materials	5	102,000	39	.....	.....	24,632	45,618	98,360
Blacking	3	3,500	3	.....	.....	1,809	2,250	7,400
Blacksmithing (see also Wheelwrighting)	632	742,853	1,066	1	20	519,082	632,138	1,908,969
Bookbinding and blank-book making	15	111,000	122	55	33	112,578	173,730	386,140
Boot and shoe cut stock	2	1,600	4	8	.....	2,500	3,140	8,985
Boot and shoe findings	4	10,700	11	1	.....	8,080	30,800	44,750
Boot and shoe uppers	5	6,700	9	1	.....	5,536	15,030	31,980
Boots and shoes, including custom work and repairing	535	1,296,685	2,704	189	101	1,303,426	2,351,470	4,581,099
Boxes, cigar	6	130,635	149	35	10	72,940	75,165	206,200
Boxes, fancy and paper	4	24,500	18	42	9	20,165	20,450	50,550
Boxes, wooden, packing	14	206,250	291	30	42	137,100	315,380	600,700
Brass castings	10	155,200	191	2	6	121,400	285,520	384,850
Bread and other bakery products	160	534,655	529	16	49	372,171	1,611,080	2,416,398
Brick and tile (see also Drain and sewer pipe; Terra-cotta ware)	50	378,650	838	.....	1	210,035	157,625	516,261
Bridges	8	99,000	344	.....	.....	172,970	374,000	694,000
Brooms and brushes	24	78,300	132	1	3	49,151	87,850	173,300
Calcium lights	1	1,000	2	.....	.....	1,000	200	2,200
Carpentering	261	497,850	1,372	1	2	985,664	1,888,508	3,563,131
Carpets, rag	2	1,100	.....	.....	.....	.....	500	1,200
Carriage and wagon materials	2	40,000	14	.....	.....	13,000	59,000	85,000
Carriages and wagons (see also Blacksmithing; Wheelwrighting)	87	594,523	600	1	2	379,629	460,095	1,163,618
Cars, railroad, street, and repairs	1	2,000	25	.....	.....	1,500	25,000	30,000
Cement	2	31,000	13	.....	.....	3,000	3,700	11,000
Cheese and butter (factory)	216	1,039,365	357	20	14	70,434	339,934	500,434
Clothing, men's	146	1,177,604	1,155	623	21	959,534	2,318,655	3,992,209
Clothing, women's	29	425,270	35	633	7	221,267	660,232	1,152,600
Coffee and spices, roasted and ground	28	504,896	230	6	10	113,032	1,123,153	1,424,878
Coffins, burial cases, and undertakers' goods	18	101,150	63	.....	.....	45,153	65,225	189,560
Confectionery	48	241,400	130	38	18	83,723	472,876	721,797
Cooperage	49	485,375	316	.....	20	213,656	354,170	721,034
Cordage and twine	3	500,700	145	.....	18	57,215	402,115	545,230
Cordials and sirups	9	72,200	44	.....	.....	28,610	134,590	208,000
Corsets	4	4,300	.....	9	1	3,000	3,550	12,200
Cutlery and edge tools (see also Hardware; Tools)	11	104,500	54	.....	1	39,623	37,150	119,339

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

B—CALIFORNIA, 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			
Dentistry, mechanical	30	$19,980	18			$9,470	$14,535	$69,725
Drain and sewer pipe (see also Brick and tile; Terra-cotta ware)	2	15,800	6			2,800	2,800	13,200
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	39	309,625	150	2	3	91,639	206,601	623,041
Dyeing and cleaning	13	32,925	29	15	1	21,871	17,719	59,666
Electrical apparatus and supplies	3	82,100	22			20,600	17,162	52,140
Electric lights	1	25,000	4			2,500	650	8,400
Electroplating	11	21,750	11	3	1	6,542	18,773	35,935
Engraving and die-sinking	13	4,320	5			3,288	2,430	20,340
Engraving, wood	8	995	2			425	3,940	17,100
Explosives and fireworks	3	80,000	14	6		12,280	45,000	80,500
Fancy articles	2	5,600	5		1	2,890	3,480	11,200
Fertilizers	3	145,000	35			21,588	66,600	106,160
Files (see also Saws)	2	6,000	5			4,200	1,550	9,100
Flags and banners	3	16,000	5	11	2	7,000	13,200	35,600
Flavoring extracts	7	20,500	16	7	1	8,664	38,100	59,300
Flouring- and grist-mill products	150	4,363,285	877	4	7	514,602	11,067,847	12,701,477
Food preparations (see page 39)	9	54,275	36	1	4	22,698	84,292	169,875
Foundery and machine-shop products (see also Steam fittings and heating apparatus).	105	3,040,189	2,346		38	1,528,523	2,403,229	4,797,232
Foundery supplies	1	3,000	1			320	1,860	2,480
Fruits and vegetables, canned and preserved	12	1,152,000	585	507	81	201,413	832,952	1,389,798
Furnishing goods, men's	12	362,350	121	189		126,265	500,540	744,245
Furniture (see also Mattresses and spring beds; Upholstering)	89	1,266,800	956	21	22	505,089	1,003,555	1,857,010
Furniture, chairs	6	4,400	25		2	7,420	7,375	20,100
Furs, dressed	6	102,250	17	101		31,429	158,000	224,400
Galvanizing	1	750	3			1,470	3,900	6,800
Glass	1	75,000	80		33	45,924	48,070	140,000
Glass, cut, stained, and ornamented	5	77,450	36			22,100	66,900	103,000
Gloves and mittens (see also Woolen goods)	12	132,800	85	185		77,250	134,225	265,100
Glue	5	25,000	27		2	13,012	23,040	56,000
Gold and silver, reduced and refined, not from the ore	1	2,000	5			2,500	4,500	8,000
Grease and tallow	3	107,000	19			14,240	364,400	417,200
Gunpowder (see also High explosives)	1	1,000,000	76			37,200	137,800	390,000
Hairwork	13	15,750	11	20		12,517	17,250	50,084
Handles, wooden	1	1,500	2		1	585	300	1,500
Hand-stamps	5	13,000	16			14,830	13,532	51,430
Hardware (see also Cutlery and edge tools; Tools)	1	10,000	3			2,000	2,000	5,000
Hardware, saddlery	1	150					115	550
Hats and caps (not including wool hats)	10	48,925	25	40		33,816	42,117	95,078
High explosives (see also Gunpowder)	7	1,434,000	190			86,500	780,416	1,705,868
Housefurnishing goods	2	13,800	13			8,265	14,500	36,995
Ice, artificial	5	77,000	24			12,750	16,432	44,204
Ink	3	61,000	15			9,450	59,000	97,500
Instruments, professional and scientific	8	18,050	17		1	9,948	17,088	44,712
Iron and steel	1	1,000,000	284		35	177,722	535,500	780,000
Iron bolts, nuts, washers, and rivets	2	107,000	25		1	19,000	40,000	75,000
Iron forgings	4	42,000	40		1	27,702	47,081	91,310
Iron pipe, wrought	2	10,500	10			5,604	19,200	20,080
Iron railing, wrought	2	2,000	2			1,550	5,400	14,100
Ivory and bone work	2	3,100	8			7,225	12,475	26,200
Jewelry	12	283,500	128		11	100,597	159,753	315,115
Jewelry and instrument cases	1	10,000	12			6,500	5,000	15,000
Kindling wood	2	600	7		4	1,650	1,500	8,000
Lamps and reflectors	1	20,000	3			3,000	6,000	12,000
Lapidary work	7	4,425	9	1	3	11,695	16,670	39,120
Lasts	2	6,500	8			7,100	2,160	13,150
Lead, bar, pipe, sheet, and shot	2	100,000	130			87,952	826,500	948,000
Leather curried	63	427,350	229		2	132,629	1,683,021	2,001,850
Leather, dressed skins	2	78,000	52			21,248	401,500	453,000
Leather, tanned	77	1,746,750	615	1	11	344,017	2,746,263	3,738,723
Lime	4	210,000	83			34,200	54,250	137,350
Liquors, distilled	37	1,223,024	104		8	51,653	424,252	637,298
Liquors, malt	185	2,800,515	1,201			570,624	2,144,119	3,862,431
Liquors, vinous (see also Liquors, distilled)	45	639,600	383		26	72,307	292,075	622,087
Lithographing (see also Printing and publishing)	7	122,000	84		9	63,391	77,200	193,712
Lock- and gun-smithing	46	43,625	38		1	21,814	20,696	82,859
Looking-glass and picture frames	23	231,200	80	2	11	59,150	137,553	285,703
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	26	352,385	268			164,848	530,228	850,395
Lumber, sawed	251	6,454,718	3,423		11	1,095,736	2,242,503	4,428,950
Malt	2	55,000	17			14,500	58,800	84,400
Mantels, slate, marble, and marbleized	1	20,000	23			11,700	10,000	25,000
Marble and stone work	67	332,650	339		1	231,817	319,004	710,546
Masonry, brick and stone	25	76,150	192		1	136,127	182,708	392,409
Matches	4	35,600	58		5	23,000	164,800	213,600
Mattresses and spring beds (see also Furniture)	13	126,300	64	2	2	37,076	98,475	168,337
Millinery and lace goods (see also Artificial feathers and flowers)	19	137,600	13	198	2	78,932	305,900	456,300
Millstones	1	30,000	30			37,440	65,000	120,000
Mineral and soda waters	18	69,875	46		1	29,315	50,307	121,045
Mirrors	2	120,000	12			10,400	55,000	79,000
Mixed textiles (see also Silk and silk goods; Woolen goods)	2	9,500	11	14	10	9,700	11,395	22,350
Models and patterns	7	8,900	15		1	9,532	3,856	23,966

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

B—CALIFORNIA, 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.			
Mucilage and paste	1	$1,500	3			$1,440	$2,770	$6,000
Musical instruments and materials (not specified)	4	2,550	7			3,660	1,150	8,400
Musical instruments, organs and materials	2	7,000	3			5,000	3,000	12,000
Musical instruments, pianos and materials	6	50,000	27			18,425	41,725	92,700
Oil, essential	1	1,000			2	300	1,000	4,000
Oil, linseed	1	400,000	60			30,000	400,000	461,000
Painting and paperhanging	155	109,750	490	1	16	294,870	244,949	760,596
Paints (see also Varnish)	6	320,300	92	1		41,576	300,239	406,326
Paper (see also Wood pulp)	6	610,000	156	5	3	87,622	241,015	386,197
Patent medicines and compounds (see also Drugs and chemicals)	22	69,800	59	6	13	22,487	97,350	198,900
Perfumeries and cosmetics	3	13,000	11	11	16	12,400	27,300	61,906
Photographic apparatus	1	300					200	1,000
Photographing	42	146,050	114	28	4	106,932	87,326	328,086
Pickles, preserves, and sauces	6	20,300	11		2	6,524	21,675	43,200
Pipes, tobacco	1	500	1			936	720	2,400
Plumbing and gasfitting	113	266,450	342	1	26	229,009	414,504	829,604
Printing and publishing (see also Lithographing)	171	1,838,255	1,408	107	114	1,272,412	1,054,355	3,148,978
Pumps, not including steam pumps	2	6,500	2			945	5,720	9,500
Regalia and society banners and emblems	1	6,000	3	4		1,500	3,000	6,000
Roofing and roofing materials	17	69,650	151			91,521	121,320	273,275
Rubber and elastic goods	1	7,500	3			2,000	6,600	10,000
Saddlery and harness	191	627,350	621	12	23	305,575	587,623	1,170,865
Safes, doors, and vaults, fire-proof	3	36,500	14			8,590	13,808	32,835
Salt	25	375,650	188			50,620	19,495	121,650
Salt, ground	1	85,000	8	2	2	6,800	40,000	60,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	33	944,050	862		45	442,560	831,466	1,541,266
Saws	6	87,185	29		4	22,348	40,390	83,026
Shipbuilding	62	1,806,923	594			589,564	959,349	1,797,639
Shirts	26	88,300	182	173	1	85,338	154,990	304,850
Show-cases	6	4,320	8			5,088	10,875	23,800
Silk and silk goods (see also Mixed textiles)	5	164,300	20	106	25	41,400	80,995	159,175
Silversmithing	1	800					150	900
Silverware	3	116,000	24		6	20,550	37,500	87,000
Slaughtering and meat-packing, not including retail butchering establishments.	51	2,130,200	467		20	341,488	6,149,623	7,953,914
Soap and candles	32	547,600	226	14	16	129,780	886,706	1,193,404
Spectacles and eyeglasses	2	350					630	2,000
Sporting goods	1	200	1			150	135	500
Springs, steel, car and carriage	1	40,600	12			7,000	11,000	24,000
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	1	1,000					120	720
Stationery goods	1	300,000	40	2		25,000	47,500	135,960
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	1	700	1			500	450	1,500
Stencils and brands	6	6,425	10	1		5,894	2,960	17,592
Stereotyping and electrotyping (see also Type founding)	1	10,000	4			3,000	2,318	8,682
Stone- and earthen-ware	7	62,500	29	1		17,025	15,750	54,500
Straw goods	8	33,500	33	72	3	38,600	26,450	85,200
Sugar and molasses, beet	2	215,000	150			39,131	104,724	162,988
Sugar and molasses, refined	2	1,600,000	280			190,000	5,517,000	5,932,000
Surgical appliances	5	4,925	2			1,976	2,400	11,672
Taxidermy	2	500					1,850	3,800
Terra-cotta ware (see Brick and tile; Drain and sewer pipe)	1	25,000	75			75,000	10,000	98,000
Tinware, copperware, and sheet-iron ware (see also Stamped ware)	186	797,675	632	1	75	402,996	852,051	1,622,632
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	10,000	4			2,500	4,500	10,000
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	176	1,831,503	3,238	110	203	956,639	2,060,275	3,947,353
Tools (see also Cutlery and edge tools; Hardware)	4	13,100	11			9,365	17,300	38,150
Toys and games	1	600					600	3,100
Trunks and valises	7	106,631	43		4	29,312	84,500	166,568
Type founding (see also Stereotyping and electrotyping)	2	109,000	21	9	10	16,409	32,455	56,321
Umbrellas and canes	5	21,000	5	11		9,616	26,800	54,550
Upholstering (see also Furniture)	66	211,177	141	9	1	96,037	256,507	459,042
Upholstering materials	5	48,750	30	10	4	13,385	33,550	66,550
Varnish (see also Paints)	2	42,500	12			8,300	45,000	67,000
Vinegar	2	65,000	22	3		18,800	53,250	92,000
Watch and clock repairing	121	114,310	92	2	5	71,913	61,939	260,140
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	146	177,100	245		3	117,146	145,965	412,967
Whips	1	12,000	11	2	7	7,000	8,000	25,000
Windmills	11	70,300	53		2	18,800	36,100	73,410
Window blinds and shades	10	92,100	43	2		23,909	74,200	141,840
Wirework	7	275,368	72		7	42,665	196,910	298,776
Wooden ware	2	55,000	70		2	17,000	35,000	65,000
Wood pulp	1	40,000	13			1,000	225	1,825
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds.)	18	16,025	30		3	21,006	29,290	75,876
Woolen goods (see also Gloves and mittens; Mixed textiles)	9	1,676,500	708	108	19	334,318	997,539	1,634,858
Zinc	1	100	1			225	900	1,800

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

A—COLORADO, 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	599	$4,311,714	4,652	266	156	$2,314,427	$8,806,762	$14,260,159
Arapahoe	259	2,301,850	2,550	264	130	1,574,438	5,715,215	9,367,749
Bent	1	1,000	1			650	950	3,000
Boulder	31	171,050	116		1	58,243	532,320	681,358
Chaffee	6	23,800	21		3	4,340	23,450	34,725
Clear Creek	23	63,875	72			30,600	138,762	205,267
Conejos	2	21,000	17			5,200	41,920	57,300
Costilla	2	4,800	18			885	22,800	29,000
Custer	22	71,300	135		4	32,617	212,538	297,075
Douglas	4	48,400	51			6,200	35,210	52,850
Elbert	5	6,200	7			750	4,150	8,400
El Paso	22	152,700	161	1	3	32,483	134,908	215,640
Fremont	10	85,000	145			36,568	140,300	222,252
Gilpin	12	61,950	48			43,011	94,202	173,325
Grand	1	2,000	2			80	575	800
Gunnison	8	26,500	77			3,210	23,115	35,300
Hinsdale	4	22,000	30			10,368	27,473	52,450
Huerfano	12	26,650	57			4,300	42,285	62,540
Jefferson	22	395,950	306	1	9	151,118	436,480	744,600
Lake	82	328,680	430		2	227,814	481,361	1,015,048
La Plata (a)								
Larimer	25	87,250	70		3	17,314	350,015	443,495
Las Animas	17	234,000	156			48,756	154,237	293,895
Ouray	6	9,350	23			3,300	11,425	23,450
Park	7	57,600	35			5,626	29,444	42,095
Pueblo	5	41,300	17			8,488	92,506	115,100
Rio Grande	2	26,000	3		1	1,593	20,140	27,075
Routt (a)								
Saguache	4	15,000	11			2,725	22,120	28,550
San Juan	2	5,500	4			600	3,031	4,280
Summit	3	21,000	20			3,150	15,650	22,450
Weld (a)								

a Returned as having no manufactures.

B—COLORADO, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	599	$4,311,714	4,652	266	156	$2,314,427	$8,806,762	$14,260,159
Awnings and tents	2	19,500	13	62		15,000	95,000	135,000
Baking and yeast powders (see also Drugs and chemicals)	1	200	1	1	1	626	500	1,200
Blacksmithing (see also Wheelwrighting)	47	92,805	155		5	99,895	79,725	287,085
Boots and shoes, including custom work and repairing	44	84,825	156		2	61,796	123,925	262,518
Brass castings	1	500	3			2,700	3,000	7,500
Bread and other bakery products	16	97,200	100	6	11	82,800	355,900	574,552
Brick and tile	46	362,600	797		33	267,410	194,003	605,028
Brooms and brushes	1	3,800	3		1	1,800	15,000	30,000
Carpentering	40	90,400	261		1	243,920	585,800	1,050,400
Carriages and wagons (see also Wheelwrighting)	10	281,000	133		2	112,000	209,000	475,000
Charcoal	25	17,864	75			23,930	27,006	81,873
Cheese and butter (factory)	2	11,000	6			1,050	5,902	9,225
Clothing, men's	9	6,000	14	16		21,225	34,850	76,850
Clothing, women's	3	18,300		130	5	60,200	92,150	176,500
Coffee and spices, roasted and ground	1	30,000	3	5		4,500	17,500	27,000
Coke	1	150,000	75			13,500	30,100	90,000
Confectionery	6	7,900	23	1	4	17,250	20,700	49,550
Cutlery and edge tools	1	200	1			750	500	2,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	3	10,800	8	1		5,000	15,500	38,500
Dyeing and cleaning	2	1,450	2			500	1,025	3,200
Fertilizers	1	500	2			900	600	2,500
Flavoring extracts	1	2,000	3			180	500	1,300
Flouring- and grist-mill products	34	496,500	193			94,351	2,126,522	2,534,644
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	17	242,000	332		10	226,020	564,330	1,037,522
Fruits and vegetables, canned and preserved	1	10,000	8	2	5	8,000	60,000	100,000
Furniture (see also Mattresses and spring beds; Upholstering)	8	71,400	52	3	2	42,800	48,000	158,850
Furs, dressed	1	1,000	3	2		3,500	3,000	8,000
Gloves and mittens	1	500	2	1		2,000	1,500	4,500
Hairwork	3	3,300		10		4,125	6,600	15,200
Iron and steel	1	100,000	125			7,000	131,700	225,000
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	5,000	8			3,600	6,000	15,000
Jewelry and instrument cases	1	5,000	2			1,800	2,000	5,000
Kaolin and ground earths	1	10,000	8			2,000	1,750	6,000
Leather, curried	3	16,700	13	1		8,500	53,250	90,550
Leather, dressed skins	1	2,500	3			300	3,000	4,175
Leather, tanned	3	16,700	13	1		9,000	38,300	55,800
Lime	5	6,300	17			8,200	11,500	27,600
Lithographing (see also Printing and publishing)	1	10,000	23			12,222	18,000	40,000
Liquors, malt	23	527,100	134		5	62,096	230,695	418,902
Lock- and gun-smithing	3	2,600	11			3,700	2,200	10,500

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

B—COLORADO, 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.			
Looking-glass and picture frames	1	$1,000	2			$1,800	$1,500	$3,500
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	5	168,500	178			124,500	997,000	1,276,000
Lumber, sawed	96	481,200	870		7	112,931	700,294	1,051,295
Marble and stone work	6	22,500	66			25,200	23,750	66,200
Masonry, brick and stone	1	800	6			6,000	3,500	12,800
Mattresses and spring beds (see also Furniture)	1	1,000	2			2,100	1,000	6,500
Mineral and soda waters	6	22,100	20			12,130	20,380	55,575
Painting and paperhanging	1	250	3			1,000	250	2,500
Paper	1	25,000	14	1	5	6,600	10,350	27,300
Patent medicines and compounds (see also Drugs and chemicals)	1	700	2	1	1	2,000	1,000	4,200
Pickles, preserves, and sauces	1	10,000	5			4,000	8,000	20,000
Plumbing and gasfitting	2	3,600	4			3,000	12,300	20,800
Printing and publishing (see also Lithographing)	5	181,450	157	12	19	135,570	95,750	307,500
Roofing and roofing materials	1	2,000	4			1,000	7,000	10,500
Saddlery and harness	29	119,870	94	2	12	67,745	149,000	320,850
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	1	90,000	135			67,000	350,000	580,000
Slaughtering and meat-packing, not including retail butchering establishments.	14	166,000	82		5	51,100	926,065	1,082,600
Soap and candles	2	53,000	15	3	3	14,315	37,500	64,320
Stencils and brands	2	6,650	22			12,500	16,000	51,000
Stereotyping and electrotyping	1	2,000	4			3,000	2,000	8,500
Tinware, copperware, and sheet-iron ware	22	60,450	74		10	49,040	114,150	242,100
Tobacco, cigars and cigarettes	9	14,150	23	3		16,578	33,500	77,025
Trunks and valises	2	7,500	13		1	12,000	23,000	60,000
Upholstering (see also Furniture)	1	3,000	19	1		10,400	10,000	25,000
Vinegar	4	13,750	10		3	4,300	13,300	25,500
Watch and clock repairing	10	25,550	13		1	11,130	18,800	50,880
Wheelwrighting (see also Blacksmithing; Carriages, and wagons)	10	10,850	31			17,784	10,600	43,000
Whips	1	2,000	2	1	2	2,600	3,650	12,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	1	500	1			468	500	2,500

A—CONNECTICUT, BY TOTALS OF COUNTIES.

The State	4,488	$120,480,275	75,619	28,851	8,445	$43,501,518	$102,183,341	$185,697,211
COUNTIES.								
Fairfield	745	17,702,544	13,198	4,547	645	7,627,224	14,532,142	28,426,883
Hartford	880	27,600,534	14,280	4,978	1,687	8,456,684	18,501,403	34,608,909
Litchfield	413	5,988,254	4,126	829	542	2,190,516	5,363,539	9,433,075
Middlesex	267	5,871,711	3,400	787	400	1,750,072	3,589,772	6,979,847
New Haven	1,174	30,275,692	24,703	9,511	1,508	15,074,297	33,416,360	59,536,504
New London	508	13,330,800	7,621	2,885	1,287	3,969,101	10,627,184	18,782,130
Tolland	213	5,593,765	3,406	2,018	733	1,826,206	8,201,538	13,907,573
Windham	288	14,026,975	4,789	3,296	1,643	2,607,418	7,951,408	14,022,290

B—CONNECTICUT, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	4,488	$120,480,275	75,619	28,851	8,445	$43,501,518	$102,183,341	$185,697,211
Agricultural implements	21	832,500	552	2	11	218,514	317,644	719,627
Ammunition	3	724,000	418	453		303,519	1,108,852	1,706,852
Artificial limbs (see also Surgical appliances)	1	250					100	850
Awnings and tents	4	4,200	9	2		3,260	9,700	17,000
Bags, paper	3	92,500	16	75	5	33,594	141,500	208,800
Baking and yeast powders (see also Drugs and chemicals)	1	5,000	3			375	400	1,000
Baskets, rattan and willow ware	9	32,150	26	6		7,868	6,810	23,975
Bells	6	115,870	137	14	9	55,515	91,765	251,024
Belting and hose, leather	6	548,500	178	15		84,200	778,000	944,000
Belting and hose, rubber	1	200,000	240	2	2	110,000	663,000	850,000
Billiard tables and materials	1	100,000	200			62,206	100,000	400,000
Blacking	1	2,000	2	1		450	1,500	3,000
Blacksmithing (see also Wheelwrighting)	381	284,375	528		5	223,674	219,063	790,114
Bone-, ivory-, and lamp-black	1	6,000	4			2,400	3,200	6,500
Bookbinding and blank-book making	15	115,500	119	49	4	69,440	87,762	209,322
Boot and shoe findings	1	1,000	1			50	500	1,200
Boot and shoe uppers	1	1,000	1			520	850	2,500
Boots and shoes	128	689,390	1,130	390	20	574,250	1,394,828	2,372,293
Boots and shoes, rubber	3	1,000,000	1,060	965	87	671,574	2,527,501	4,175,997
Boxes, cigar	7	10,700	16	4	1	5,475	14,250	33,020
Boxes, fancy and paper	34	224,600	206	734	32	265,737	389,788	840,645
Boxes, wooden, packing	15	63,400	72	4		28,242	126,150	174,216
Brass and copper, rolled	15	6,712,000	3,302	673	251	2,137,674	7,041,091	10,985,471
Brass castings	17	337,000	484	172	12	289,445	572,722	1,077,700
Brass ware	10	479,782	501	301	129	348,682	684,475	1,134,884
Bread and other bakery products	91	327,275	526	69	34	298,741	1,031,093	1,585,987
Brick and tile (see also Drain and sewer pipe)	48	328,350	511	9	21	132,476	91,022	299,194
Bridges	2	51,500	46			13,000	32,000	70,700
Brooms and brushes	20	47,940	59	12	6	26,980	71,530	143,065
Buttons	26	512,500	471	651	115	376,332	498,451	1,110,653

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

B—CONNECTICUT, 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.			
Carpentering	250	$555,444	1,929	1	6	$838,353	$1,832,418	$3,101,452
Carpets, other than rag (see also Woolen goods)	2	3,085,000	695	703	256	565,654	1,446,199	2,500,550
Carpets, rag	3	3,950	6	4	.....	3,499	2,061	7,660
Carriage and wagon materials	32	667,099	439	29	20	244,714	346,288	824,611
Carriages and sleds, children's	3	16,600	14	.....	.....	6,024	7,822	20,246
Carriages and wagons (see also Wheelwrighting)	124	1,367,900	1,621	14	13	853,602	1,191,016	2,605,591
Charcoal	15	2,805	32	.....	2	6,940	7,885	23,005
Cheese and butter (factory)	16	36,775	29	4	.....	11,360	87,820	134,440
Cleansing and polishing preparations	1	1,500	4	.....	.....	400	300	930
Clock cases and materials (see also Watch and clock materials)	2	6,000	44	2	.....	15,000	19,000	50,500
Clocks	15	1,816,400	1,994	301	281	1,206,073	1,386,361	3,016,717
Clothing, men's	121	763,092	893	735	67	546,624	1,161,112	2,210,159
Clothing, women's	10	2,500	25	15	.....	6,960	42,240	54,960
Cloth finishing	1	7,500	5	5	3	2,100	7,518	12,810
Coffee and spices, roasted and ground	9	145,000	45	12	2	20,800	302,000	383,500
Coffins, burial cases, and undertakers' goods	17	243,017	150	42	3	82,199	162,627	390,339
Combs	1	10,000	10	8	.....	8,000	6,500	17,000
Confectionery	28	75,150	81	32	15	45,737	174,345	308,203
Cooperage	13	24,100	50	.....	.....	18,773	29,951	60,850
Cordage and twine	4	18,000	13	4	4	4,250	23,488	32,680
Cork cutting	1	10,000	2	3	.....	1,200	10,000	14,000
Corsets	22	906,900	394	3,844	136	827,400	1,949,159	3,322,350
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	97	21,104,200	6,363	5,619	2,956	3,750,017	8,757,022	17,050,126
Cutlery and edge tools (see also Hardware; Tools)	54	1,610,000	2,362	171	126	1,232,013	967,147	2,704,708
Dentistry, mechanical	17	21,400	16	.....	1	8,248	14,525	49,075
Drain and sewer pipe (see also Brick and tile)	3	47,068	22	.....	.....	8,500	13,000	26,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	9	227,400	115	1	.....	53,340	219,440	344,164
Dyeing and cleaning	12	29,100	30	20	.....	17,328	11,160	43,626
Dyeing and finishing textiles	2	230,000	242	34	26	120,270	364,490	464,800
Dyestuffs and extracts	4	307,000	232	.....	.....	144,900	1,294,140	1,560,900
Electrical apparatus and supplies	2	230,000	28	.....	.....	18,500	40,000	100,000
Electroplating	6	183,200	167	16	10	100,400	116,900	320,100
Emery wheels	1	10,000	4	.....	.....	1,200	3,500	10,000
Engraving and die-sinking	4	7,300	17	.....	3	7,200	4,350	18,300
Engraving, steel	1	2,500	1	1	.....	807	534	1,967
Engraving, wood	3	45,700	31	10	.....	23,219	4,611	37,714
Envelopes	2	325,000	65	155	8	88,000	635,000	821,000
Explosives and fireworks	3	62,000	35	35	18	34,938	138,100	222,600
Fancy articles	7	27,000	26	10	3	17,309	34,550	74,300
Felt goods (see also Woolen goods)	2	405,754	135	39	.....	53,535	313,325	429,496
Fertilizers	17	365,000	179	1	.....	78,222	306,225	446,450
Files (see also Saws)	10	23,150	41	.....	6	20,805	11,595	49,075
Fire-arms	12	3,485,834	2,202	85	102	1,309,367	753,386	2,470,398
Flavoring extracts	2	8,500	7	.....	5	1,750	4,500	12,000
Flouring- and grist-mill products	294	1,092,824	361	.....	.....	117,722	2,540,908	2,904,134
Food preparations (see page 39)	2	28,000	11	9	.....	10,000	67,000	135,000
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	146	4,878,826	4,620	47	114	2,313,379	2,812,902	6,330,509
Fruits and vegetables, canned and preserved	2	55,000	25	55	15	9,590	52,700	72,400
Furniture (see also Mattresses and spring beds; Upholstering)	53	506,675	486	14	12	219,385	310,604	686,168
Furs, dressed	5	33,000	12	63	.....	13,386	37,474	66,782
Gas and lamp fixtures	2	620,000	745	150	20	407,500	450,000	1,000,000
Glass	1	130,000	130	2	28	65,000	70,000	160,000
Glass, cut, stained, and ornamented	1	5,000	5	5	10	1,800	1,500	3,800
Gold and silver leaf and foil	2	38,000	19	7	.....	10,500	83,538	106,445
Grease and tallow	7	21,800	20	.....	.....	8,516	123,720	156,500
Gunpowder	2	635,000	102	.....	.....	55,119	300,815	381,625
Hairwork	2	2,500	1	4	.....	1,850	2,300	6,000
Handles, wooden	5	14,700	18	.....	1	6,300	6,700	25,300
Hand-stamps	1	1,000	3	.....	.....	1,000	1,000	3,000
Hardware (see also Cutlery and edge tools; Tools)	93	7,852,622	7,073	648	523	3,569,494	4,410,709	10,374,293
Hardware, saddlery	4	129,000	152	103	15	116,600	257,500	570,000
Hat and cap materials	10	262,500	325	71	20	140,809	501,403	753,551
Hats and caps, not including wool hats	33	842,400	2,269	852	34	1,423,981	1,049,520	4,407,993
Hones and whetstones	1	1,000	1	.....	.....	300	300	1,500
Hooks and eyes	3	170,000	99	32	18	61,583	129,000	251,800
Hosiery and knit goods (see also Cotton goods; Woolen goods)	14	1,966,431	659	1,187	365	664,293	1,013,949	2,432,271
Housefurnishing goods	3	40,000	22	8	.....	13,836	30,000	55,000
Ink	1	500	1	.....	.....	234	635	1,200
Iron and steel	19	2,682,000	669	.....	22	331,184	1,341,225	1,998,698
Iron bolts, nuts, washers, and rivets	17	1,225,350	806	73	82	427,013	936,050	1,662,131
Iron forgings	12	445,000	266	.....	15	141,489	282,225	512,620
Iron nails and spikes, cut and wrought	1	60,000	30	14	.....	30,000	80,000	120,000
Iron railings, wrought	1	4,000	4	.....	.....	925	2,110	5,335
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	10,000	14	.....	.....	2,100	8,000	12,000
Ivory and bone work	9	305,800	219	32	8	109,373	322,460	498,141
Jewelry	1	65,000	25	.....	1	21,554	27,530	67,680
Jewelry and instrument cases	2	1,700	6	6	1	2,000	2,150	5,200
Kaolin and ground earths	6	80,000	73	1	.....	26,100	132,000	101,500
Kindling wood	2	2,000	6	.....	.....	1,925	3,500	6,750
Lamps and reflectors	5	49,000	82	1	2	35,300	46,800	102,800
Leather, curried	8	29,300	16	.....	.....	6,863	70,170	86,950
Leather, dressed skins	4	75,000	64	.....	3	35,250	385,200	460,000
Leather, tanned	11	50,600	49	.....	.....	16,062	107,005	146,750
Lime	6	62,000	65	.....	.....	22,630	49,500	88,700
Liquors, distilled	4	61,000	7	.....	.....	2,075	10,135	20,075

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

B—CONNECTICUT, 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, malt	19	$461,600	114			$55,484	$315,702	$533,753
Lithographing (see also Printing and publishing)	3	150,000	53	2	11	27,328	43,526	99,835
Lock- and gun-smithing	3	3,700	4			2,300	1,800	7,800
Looking-glass and picture frames	16	44,100	36	1	1	18,793	45,740	81,610
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	6	53,700	52			22,210	73,930	111,425
Lumber, sawed	300	657,300	699		8	178,336	641,569	1,076,455
Mantels, slate, marble, and marbleized	2	5,700	10		2	5,600	10,100	18,500
Marble and stone work	63	522,850	322		4	164,432	139,203	419,948
Masonry, brick and stone	59	146,705	723		2	313,124	397,949	841,493
Matches	5	152,000	77	85		51,817	354,454	465,692
Mats and matting	1	4,500	2			1,100	5,000	8,000
Mattresses and spring beds (see also Furniture)	9	149,000	64		6	29,016	134,754	242,315
Millinery and lace goods	3	40,000	22	56		22,300	59,900	98,000
Mineral and soda waters	8	24,900	17	2		4,003	14,350	29,950
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods)	43	3,203,234	1,721	952	275	988,848	3,145,246	5,919,505
Models and patterns	10	11,300	37		1	28,115	10,575	60,665
Musical instruments and materials (not specified)	1	250,000	105	15		62,500	168,900	240,000
Musical instruments, organs and materials	7	238,000	419	4	1	199,737	302,126	604,937
Musical instruments, pianos and materials	3	257,000	290	12		142,057	182,018	386,583
Needles and pins	13	636,500	252	194	46	183,903	389,585	804,085
Nets and seines	2	55,000	30	36		26,112	60,365	115,865
Oil, cottonseed and cake	1	2,800					500	575
Oil, neat's-foot	1	5,500	5			3,200	18,000	30,000
Oleomargarine	1	2,000	30			7,931	125,000	150,000
Painting and paperhanging	88	109,535	398		3	180,946	228,012	546,118
Paints (see also Varnish)	5	30,500	28	1	1	16,350	54,175	104,940
Paper (see also Envelopes; Wood pulp)	65	3,168,931	1,173	478	51	656,000	2,761,316	4,337,550
Patent medicines and compounds (see also Drugs and chemicals)	13	171,000	36	11		16,132	130,501	213,144
Paving materials	1	1,500	12			2,500	700	4,000
Perfumery and cosmetics	1	3,000	1			400	4,500	7,500
Photographic apparatus	1	40,000	50	6		19,572	26,128	50,000
Photographing	48	76,200	62	17	2	37,597	44,281	154,395
Plated and britannia ware	22	3,573,225	2,304	519	80	1,636,097	2,878,792	6,080,076
Plumbing and gasfitting	37	146,600	195		6	102,745	216,157	392,600
Printing and publishing (see also Lithographing)	70	1,445,900	666	113	34	449,835	341,670	1,111,188
Printing materials	1	1,500	2			1,200	500	2,500
Pumps, not including steam pumps	5	40,000	11		2	3,616	12,169	21,727
Roofing and roofing materials	3	11,100	40			19,292	83,521	112,500
Rubber and elastic goods	12	681,600	328	262	32	233,445	1,203,661	1,710,761
Rules, ivory and wood	1	50,000	40		3	16,000	10,500	50,000
Saddlery and harness	100	183,860	343	43	17	178,673	390,370	727,352
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	34	578,700	535	1	8	224,193	577,392	929,451
Saws	2	1,000	5			2,350	900	5,500
Scales and balances	1	3,000	2			600	1,000	2,500
Screws	4	256,000	97	15	8	56,734	87,000	210,700
Sewing machines and attachments	5	6,490,650	2,055	27	6	1,158,000	802,959	2,969,741
Shipbuilding	94	334,300	500			256,840	430,425	707,660
Shirts	18	515,700	89	982		276,054	330,677	698,605
Shoddy (see also Mixed textiles)	8	86,000	93	38	8	35,345	261,200	347,560
Silk and silk goods (see also Mixed textiles)	28	4,436,500	785	1,990	653	1,026,530	3,311,206	5,881,000
Slaughtering and meat-packing, not including retail butchering establishments.	12	304,000	418		5	206,959	4,189,151	4,669,540
Soap and candles	21	140,450	76	14	4	34,547	210,415	309,578
Sporting goods	8	249,500	59	30		33,950	59,560	123,500
Springs, steel, car and carriage	9	250,750	298			167,116	341,698	622,841
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	1	100,000	75	30	80	55,000	200,000	300,000
Starch	1	1,500	4			450	3,375	5,000
Stationery goods	3	20,000	9	2		3,486	4,092	10,058
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	8	541,500	352			201,492	410,351	757,422
Stencils and brands	1	5,000	2			468	320	1,300
Stereotyping and electrotyping	3	20,000	15		1	5,840	7,245	20,008
Stone- and earthen-ware	7	79,800	91		6	42,075	17,500	101,700
Straw goods	3	230,000	239	371		137,338	203,387	419,270
Surgical appliances (see also Artifical limbs)	1	500	2			1,445	500	2,325
Tinware, copperware, and sheet-iron ware (see also Stamped ware)	112	369,590	420	31	2	205,687	438,839	827,162
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	3,000	3			400	1,500	2,400
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	125	266,525	407	53	23	218,148	326,815	787,333
Toys and games	9	79,400	69	32	14	31,430	66,187	140,200
Tools (see also Cutlery and edge tools; Hardware)	25	1,217,500	945	15	47	500,710	673,060	1,031,295
Trunks and valises	3	16,800	20	4	7	3,650	13,800	21,750
Umbrellas and canes	4	50,360	57	7	6	33,120	68,500	110,800
Upholstering (see also Furniture)	7	7,025	14	6		6,651	8,455	20,262
Upholstering materials	2	15,800	17			15,136	12,300	41,200
Varnish (see also Paints)	2	105,000	12			18,850	85,000	162,000
Vinegar	3	15,000	3			500	825	3,700
Washing-machines and clothes-wringers	2	201,000	62	5		40,500	100,540	251,000
Watch and clock materials (see also Clock cases and materials)	9	65,050	85	4	4	42,120	94,642	161,926
Watch and clock repairing	13	52,000	26			14,318	5,000	30,300
Watch cases	1	3,000	2			1,000	4,000	6,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	130	166,225	187			65,901	87,595	246,924
Window blinds and shades	4	54,365	26	5	3	12,035	47,254	74,031

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

B—CONNECTICUT, 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.			
Wire	4	$232,000	252	80		$142,064	$285,439	$565,981
Wire work	10	268,400	237	33	17	103,147	160,900	324,500
Wood pulp	1	4,000	8			2,384	1,200	5,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	39	158,300	227	5	19	100,214	97,974	274,643
Wooden ware	1	300	1			250	200	900
Woolen goods (see also Carpets, other than rag; Felt goods; Mixed textiles; Wool hats; Worsted goods).	78	7,907,452	4,319	1,940	688	2,342,935	10,176,987	16,892,284
Wool hats (see also Woolen goods)	3	625,000	272	211	56	188,202	532,976	1,003,892
Worsted goods (see also Woolen goods)	3	232,000	267	156	67	172,256	1,258,655	1,597,227

A—DAKOTA TERRITORY, BY TOTALS OF COUNTIES.

The Territory	251	$771,428	854	8	6	$339,375	$1,523,761	$2,373,970
COUNTIES.								
Aurora (a)								
Barnes (a)								
Beadle (a)								
Billings (a)								
Bonhomme	7	7,725	13		1	1,905	6,213	13,588
Boreman (a)								
Brookings	6	6,200	9			3,860	3,200	14,280
Brown (a)								
Brulé (a)								
Buffalo (a)								
Burleigh	18	64,350	86	3	1	32,480	132,588	204,457
Campbell (a)								
Cass	13	40,050	50	3		26,000	58,437	117,316
Charles Mix (a)								
Clark (a)								
Clay	18	35,250	32		1	7,871	113,500	145,935
Codington	8	3,000	10			3,250	5,900	16,650
Custer	1	550	9			350	3,850	4,850
Davison (a)								
Day (a)								
Deuel (a)								
Douglas (a)								
Emmons (a)								
Faulk (a)								
Foster (a)								
Grand Forks	4	7,350	12			2,425	6,700	13,315
Grant	1	165					500	650
Hamlin (a)								
Hand (a)								
Hanson	1	8,000	4			2,400	24,000	30,000
Howard (a)								
Hughes (a)								
Hutchinson	4	26,200	5			1,365	53,650	73,086
Kidder (a)								
Kingsbury (a)								
Lake (a)								
La Moure (a)								
Lawrence	56	186,100	292		1	137,266	309,844	587,035
Lincoln	8	28,100	19			9,000	30,500	44,750
Lyman	2	4,000	9			1,240	4,600	7,840
McCook (a)								
Meyer (a)								
Miner (a)								
Minnehaha	15	123,450	47			15,105	223,031	283,709
Moody (a)								
Morton (a)								
Mountraille (a)								
Pembina	2	2,150	7			715	3,250	5,000
Pennington	10	6,800	25		2	11,625	18,917	45,210
Ramsey	2	4,500	3			1,094	3,976	7,130
Ransom	1	1,500	1			60	250	500
Richland (a)								
Rusk (a)								
Shannon	4	2,000	6			5,000	3,800	9,700
Spink (a)								
Stanley	7	6,350	10			4,190	6,833	16,372
Stevens	4	8,200	12			1,930	4,300	9,800
Stutsman (a)								
Sully (a)								
Todd (a)								
Traill	1	2,000	1			307	3,074	3,719
Turner	7	18,450	7			962	45,061	53,060
Union	16	57,050	60			12,910	225,106	295,773
Wallette (a)								
Walworth (a)								
Williams (a)								
Yankton	35	121,938	125	2		55,906	232,531	569,585

a Returned as having no manufactures.

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

B—DAKOTA 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	251	$771,428	854	8	6	$339,375	$1,523,761	$2,373,970
Blacksmithing (see also Wheelwrighting)	37	26,305	53		1	23,745	30,830	89,988
Boots and shoes, including custom work and repairing	21	31,750	48			27,600	36,265	84,490
Bread and other bakery products	1	1,500	3			2,500	6,000	10,000
Brick and tile	14	25,600	108			33,622	16,366	60,685
Brooms and brushes	3	780	6			840	1,406	3,610
Carpentering	9	8,750	40			18,500	79,800	121,200
Carriages and wagons (see also Wheelwrighting)	4	11,500	15			8,200	9,500	25,300
Cheese and butter (factory)	4	10,200	3			210	1,002	2,260
Clothing, men's	10	14,300	26	8		15,009	21,337	53,600
Confectionery	1	500	1			100	1,500	2,000
Flouring- and grist-mill products	30	301,665	86			37,372	842,298	1,040,958
Foundery and machine-shop products	4	23,838	22			15,103	11,000	32,800
Furniture (see also Upholstering)	3	3,300	2			250	800	3,700
Jewelry	4	17,000	15			17,300	13,200	40,500
Liquors, malt	10	64,400	20			8,604	31,640	57,160
Lumber, planed (see also Sash, doors, and blinds)	1	10,000	10			9,000	7,000	20,000
Lumber, sawed	39	113,750	286		4	54,974	281,875	435,792
Mineral and soda waters	1	1,500			1	60	600	2,000
Photographing	1	500	1			900	300	2,700
Saddlery and harness	19	31,350	32			17,476	54,300	97,100
Sash, doors, and blinds (see also Lumber, planed)	3	9,000	11			8,400	10,100	28,000
Tinware, copperware, and sheet-iron ware	20	39,150	35			19,500	46,800	98,400
Tobacco, cigars and cigarettes	1	3,000	13			6,000	10,000	18,000
Upholstering (see also Furniture)	1	1,000	1			600	400	1,600
Watch and clock repairing	1	10,000	4			4,500	500	6,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	9	10,700	13			9,010	8,933	30,127

A—DELAWARE, BY TOTALS OF COUNTIES.

The State	746	$15,655,822	10,250	1,426	962	$4,267,349	$12,828,461	$20,514,438
COUNTIES.								
Kent	204	982,839	1,037	503	171	257,352	1,171,943	1,731,032
New Castle	399	14,144,083	8,543	770	734	3,862,501	11,097,635	17,805,608
Sussex	143	528,300	670	153	57	147,496	558,883	977,798

B—DELAWARE, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	746	$15,655,822	10,250	1,426	962	$4,267,349	$12,828,461	$20,514,438
Agricultural implements	12	67,400	66			20,524	19,621	57,776
Bags, paper	1	500	4			600	800	1,800
Baskets, rattan and willow ware	8	60,725	106	29	18	26,950	42,700	110,725
Belting and hose, leather	1	30,000	10			3,500	38,000	44,576
Blacksmithing (see also Wheelwrighting)	67	91,590	157		3	53,125	49,600	148,003
Bookbinding and blank-book making	2	4,000	4	3		2,050	3,800	7,000
Boots and shoes, including custom work and repairing	23	29,950	41	2		13,870	15,210	45,714
Boot and shoe cut stock	1	1,000	3	21		1,500	1,600	3,500
Boot and shoe uppers	1	6,000	3	2		2,000	10,000	18,000
Bread and other bakery products	20	128,000	54	12	15	27,220	108,280	175,565
Brick and tile	15	102,400	230		77	55,216	33,683	125,610
Brooms and brushes	2	1,800	5			1,450	2,675	4,500
Carpentering	34	54,200	179			61,352	180,280	313,255
Carriage and wagon materials	10	130,500	114		8	50,250	65,500	161,000
Carriages and wagons (see also Wheelwrighting)	15	452,270	397	1	12	137,250	272,098	500,567
Cars, railroad, street, and repairs	2	589,100	760		100	319,915	775,000	1,185,688
Cheese and butter (factory)	3	18,200	4	3	1	610	4,620	7,710
Clothing, men's	10	77,150	56	43	1	27,549	51,900	97,900
Coffee and spices, roasted and ground	1	3,000			1	500	5,000	7,000
Coffins, burial cases, and undertakers' goods	10	22,600	15			6,850	13,050	29,500
Confectionery	3	49,000	16	2		5,600	18,000	35,000
Cooperage	2	19,000	8			2,500	6,500	12,000
Coppersmithing (see Tinware, copperware, and sheet-iron ware)	1	8,000	7			2,000	9,000	14,800
Cotton goods (see also Mixed textiles)	10	929,570	393	419	223	232,727	632,205	1,057,257
Dentists' materials	1	20,000	9			5,000	10,000	18,000
Dyestuffs and extracts	2	17,000	19			4,000	7,100	15,400
Fertilizers	17	753,000	270			91,558	442,316	657,250
Flouring- and grist-mill products	81	761,015	219		1	72,231	1,165,103	1,341,026
Foundery and machine-shop products	17	788,100	752		49	266,618	330,732	704,225
Fruits and vegetables, canned and preserved	33	396,379	428	643	188	99,621	453,503	634,940
Furniture (see also Upholstering)	6	43,500	25	2	1	10,000	13,800	39,800
Grease and tallow	1	15,000	4			3,000	98,000	124,000
Gunpowder	1	1,000,000	248	2		115,778	127,586	243,365
Iron and steel	9	1,431,469	818		49	344,476	1,214,050	2,347,177
Iron bolts, nuts, washers, and rivets	1	10,000	20		2	6,550	28,044	37,100

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

B—DELAWARE, 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	3	$51,000	53			$16,590	$57,043	$83,782
Iron pipe, wrought	1	925,000	618			245,278	1,491,476	2,000,000
Jute and jute goods	1	25,000	8	20	18	9,358	31,306	46,422
Kindling wood	4	6,800	15			3,075	4,150	12,500
Leather, curried	4	14,800	12			3,981	57,125	67,300
Leather, dressed skins	16	926,500	848	61	73	388,064	1,350,860	1,886,597
Leather, tanned	3	2,800	4			650	4,700	7,000
Liquors, distilled	1	800	1			75	415	700
Liquors, malt	2	95,000	15			7,370	38,950	66,998
Looking-glass and picture frames	3	1,900	2		1	1,850	2,400	6,500
Lumber, planed (see also Wood, turned and carved)	7	51,800	54		7	12,600	63,650	90,600
Lumber, sawed	86	259,250	378		13	40,694	243,375	411,060
Marble and stone work	4	28,500	24			8,700	10,700	23,900
Masonry, brick and stone	10	21,370	78		2	22,975	104,290	172,590
Matches	1	250,000	200			44,000	446,727	550,000
Mats and matting	1	5,000	3			2,000	17,000	20,000
Mineral and soda waters	1	5,000	8			2,500	1,000	6,000
Mixed textiles (see also Cotton goods; Woolen goods)	2	20,000	27	11	4	12,476	20,915	50,220
Musical instruments, organs and materials	1	2,500	2			200	200	1,000
Painting and paperhanging	6	3,825	17			4,362	8,275	16,648
Paints	1	60,000	10		1	5,200	20,000	30,000
Paper	4	2,508,000	179	67	6	112,666	582,154	737,905
Printing and publishing	2	18,000	12		1	5,580	6,500	14,500
Pumps, not including steam pumps	1	5,000	4			2,000	3,000	8,000
Roofing and roofing materials	3	10,500	16			8,344	11,500	29,500
Rubber and elastic goods	1	150,000	15		3	5,000	40,000	66,662
Saddlery and harness	17	30,500	34		2	14,570	34,400	68,700
Saws	1	60,000	5		15	6,000	10,000	23,000
Shipbuilding	18	935,200	1,576			900,322	964,275	2,162,503
Shirts	1	2,000	2	5	1	1,800	6,000	12,000
Slaughtering and meat-packing, not including retail butchering establishments.	2	160,000	26			11,200	179,368	198,000
Soap and candles	3	14,800	12		1	5,180	13,400	22,670
Sporting goods	1	10,000	10	5	2	5,600	15,000	25,000
Springs, steel, car and carriage	2	15,000	36		2	11,600	45,500	65,500
Stone- and earthen-ware	3	12,000	6		1	1,100	2,350	8,500
Sugar and molasses, beet	1	100,000	50			3,140	6,404	8,584
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	21	134,600	71		9	34,658	95,463	180,152
Tobacco, cigars and cigarettes	23	32,300	50	13	14	24,420	34,840	78,453
Tools	1	160,000	100			52,000	65,000	130,000
Upholstering (see also Furniture)	1	300		1		150	300	1,500
Upholstering materials	2	5,000	11			1,050	2,800	5,000
Watch and clock repairing	1	400					100	600
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	49	70,300	127		6	44,340	35,750	114,350
Wood, turned and carved (see also Lumber, planed)	1	800	5			1,500	750	4,000
Wooden ware	1	300	1			375	500	1,500
Woolen goods (see also Mixed textiles; Worsted goods)	5	352,559	171	59	31	108,504	448,285	665,253

A—DISTRICT OF COLUMBIA.

The District	971	$5,552,526	5,496	1,389	261	$3,924,612	$5,365,400	$11,882,316

B—DISTRICT OF COLUMBIA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	971	$5,552,526	5,496	1,389	261	$3,924,612	$5,365,400	$11,882,316
Artificial limbs	1	1,600	1			930	600	1,725
Awnings and tents	3	2,050	4	6		3,581	4,643	13,924
Bags, paper	1	800	1	1		234	1,310	3,000
Baskets, rattan and willow ware	1	100	1			218	150	750
Blacksmithing (see also Wheelwrighting)	77	31,165	113		1	45,408	39,474	146,219
Bluing	1	550	1			220	300	850
Bookbinding and blank-book making	4	4,200	9	1	2	4,332	2,280	10,731
Boots and shoes, including custom work and repairing	73	49,220	66	1	2	31,111	42,225	127,107
Boxes, cigar	2	1,100	2	2	3	1,450	2,476	9,164
Boxes, fancy and paper	1	100	1			78	180	520
Brass castings	3	132,038	61			22,087	67,152	96,769
Bread and other bakery products	63	120,340	164	7	8	73,148	400,608	606,236
Brick and tile (see also Terra-cotta ware)	16	330,600	576		120	123,161	62,575	314,298
Brooms and brushes	1	500	3			1,000	3,000	6,000
Cheese and butter (factory)	1	10,000	8			3,300	36,500	44,920
Carpentering	58	48,145	245		8	135,626	247,006	486,702
Carpets, rag	1	75					200	600
Carriages and wagons (see also Wheelwrighting)	25	173,792	149		5	69,496	53,277	183,205
Cars, railroad, street, and repairs	1	30,000	25			17,450	10,000	29,097
Clothing, men's	35	104,550	157	68	2	98,778	178,302	376,065

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

B—DISTRICT OF COLUMBIA, 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.			
Clothing, women's	1	$4,000	1	50		$14,000	$12,000	$30,000
Coffee and spices, roasted and ground	3	17,600	14			6,356	84,680	100,020
Coffins, burial cases, and undertakers' goods	14	61,425	32			19,631	41,440	92,640
Confectionery	27	85,575	80	24	2	40,131	122,263	221,902
Cooperage	3	6,700	28			11,300	10,770	25,770
Cordage and twine	1	500	3			1,404	2,000	5,100
Dentistry, mechanical	6	4,975	6			2,632	5,600	19,200
Drugs and chemicals (see also Patent medicines and compounds)	5	54,000	25		1	10,190	31,836	63,025
Dyeing and cleaning	2	11,000	7	3		4,072	1,800	10,350
Electroplating	2	550	1		1	578	330	2,028
Engraving and die-sinking	3	3,900	5		1	1,965	3,900	12,375
Engraving, steel	2	1,217,000	452	456	4	696,698	135,811	879,166
Engraving, wood	1	100	1			1,600	300	3,000
Fertilizers	3	95,000	87			29,600	156,250	207,250
Files	2	700	1			624	850	2,150
Flouring- and grist-mill products	9	230,400	40			21,508	1,071,600	1,172,375
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	10	236,000	198		9	75,102	155,098	358,166
Fruits and vegetables, canned and preserved	2	4,000	7	8		1,120	2,132	6,000
Furniture (see also Mattresses and spring beds; Upholstering)	10	46,125	72			39,385	39,005	113,375
Furniture, chairs	1	500	1			350	600	2,000
Glass	1	25,000						
Glass, cut, stained, and ornamented	1	500	2			750	300	1,500
Gloves and mittens	1	1,500	2			650	1,000	3,000
Grease and tallow	3	25,000	7			3,422	47,918	69,400
Hairwork	12	6,600		27		3,276	6,500	14,800
Ink	1	300	1			78	400	1,200
Instruments, professional and scientific	5	36,100	14	2	1	13,724	7,750	37,561
Iron and steel	1	89,600	18			7,528	2,264	10,970
Iron railing, wrought	5	3,275	11			3,912	4,685	13,403
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	2	12,000	35			20,000	17,500	50,000
Jewelry	11	19,600	21		2	12,444	11,310	37,593
Kindling wood	6	18,465	28		7	11,114	21,969	40,650
Leather, curried	1	500	1			25	645	880
Leather, dressed skins	1	4,000	5			3,500	17,000	30,000
Leather, tanned	1	9,500	2			400	3,365	4,284
Lime	5	19,100	24			11,950	17,424	51,648
Liquors, malt	10	208,300	60		4	30,186	162,739	275,232
Lithographing (see also Printing and publishing)	5	33,200	40		3	23,164	16,860	52,334
Lock- and gun-smithing	6	11,700	10			5,595	3,745	13,516
Looking-glass and picture frames	10	15,000	32			16,308	28,706	65,227
Lumber, planed (see also Wood, turned and carved)	10	96,200	86		5	40,920	124,925	192,792
Lumber, sawed	1	25,000	25			6,000	34,000	50,000
Mantels, slate, marble, and marbleized	2	28,000	78		2	28,900	56,080	112,000
Marble and stone work	25	113,745	137		1	60,490	91,806	198,609
Masonry, brick and stone	31	10,500	190			68,750	90,050	200,976
Mattresses and spring beds (see also Furniture)	3	8,250	6	2		2,000	12,640	17,440
Mineral and soda waters	3	19,200	24		8	13,432	10,100	33,700
Models and patterns	7	7,200	12			6,838	2,605	16,440
Musical instruments and materials (not specified)	1	2,000	2			1,036	200	2,400
Oil, neat's-foot	2	2,250	5			1,560	19,025	23,486
Paints	2	11,000	25			6,080	10,600	20,400
Painting and paperhanging	37	16,600	101		2	50,044	49,387	143,471
Paper	1	35,000	20	8		7,497	44,520	70,400
Patent medicines and compounds (see also Drugs and chemicals)	5	5,600	9			7,098	7,200	20,454
Paving materials	5	56,000	259			99,500	171,250	316,500
Perfumery and cosmetics	1	1,200	4	3		1,820	3,750	7,500
Photographing	16	34,750	34	5		16,291	10,515	55,551
Plumbing and gasfitting	31	47,750	129		6	66,104	102,799	225,193
Printing and publishing (see also Lithographing)	28	971,800	1,026	638	28	1,478,880	827,519	2,896,312
Saddlery and harness	26	30,400	45			19,471	38,157	80,349
Shirts	2	4,310	3	19		9,740	15,850	30,350
Soap and candles	5	60,966	22		1	7,735	41,678	66,503
Spectacles and eyeglasses	2	1,000	2			570	900	5,700
Stationery goods	2	2,300	3		1	2,485	2,856	10,311
Stereotyping and electrotyping (see also Type founding)	1	1,500	7			2,458	800	5,682
Stone- and earthen-ware	1	200	1			150	150	650
Taxidermy	1	5,000	6			6,100	2,000	25,020
Terra-cotta ware (see also Brick and tile)	2	146,550	24			14,000	8,000	43,000
Tinware, copperware, and sheet-iron ware	42	66,965	87		3	44,857	96,472	192,081
Tobacco, cigars and cigarettes	43	25,959	81		8	31,628	45,692	118,318
Type founding (see also Stereotyping and electrotyping)	1	5,000	2			1,600	3,000	6,600
Umbrellas and canes	5	1,150	3	3	1	785	2,070	6,218
Upholstering (see also Furniture)	10	18,550	25	5	1	12,341	27,016	56,191
Vinegar	1	6,000	4			2,500	4,000	13,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	10	6,565	7		1	2,252	3,230	11,323
Watch and clock repairing	32	17,460	40		5	24,361	6,345	42,360
Wirework	1	300	1		2	360	360	1,170
Wood, turned and carved (see also Lumber, planed)	1	100					250	800

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

A—FLORIDA, 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	426	$3,210,680	4,564	558	382	$1,270,875	$3,040,119	$5,546,448
Alachua	27	74,050	80			20,300	59,246	103,534
Baker (a)								
Bradford	2	30,000	30			11,500	35,500	68,400
Brevard	1	1,000	2			300	1,025	1,800
Calhoun (a)								
Clay	6	3,725	18			919	3,850	7,032
Columbia	19	56,850	86	1	13	15,257	99,444	144,445
Dade (a)								
Duval	44	373,850	572	15	10	175,094	296,317	582,650
Escambia	15	767,000	446		2	177,430	516,030	868,785
Franklin	4	550	1			1,300	2,100	3,400
Gadsden	7	13,000	9			2,800	18,140	26,456
Hamilton	6	12,300	27		3	3,432	11,100	19,015
Hernando	1	300	1			800	4,000	5,000
Hillsborough	6	13,100	29		16	4,950	25,550	41,400
Holmes	1	1,200	2			300	1,420	2,500
Jackson	12	20,000	22	1		3,045	51,101	61,409
Jefferson	21	22,430	32			4,445	20,145	31,507
Lafayette	4	2,600	2			300	5,250	6,101
Leon	18	33,400	75	2	10	13,877	67,832	95,195
Levy	27	99,400	124		15	48,580	76,040	170,056
Liberty (a)								
Madison	16	350,225	257			70,308	108,000	343,510
Manatee	4	4,200	10		1	4,100	6,200	12,000
Marion	15	66,200	38			7,582	27,900	46,381
Monroe	76	465,100	1,454	489	263	378,773	572,807	1,360,785
Nassau	13	151,800	315		6	75,650	252,931	398,289
Orange	12	24,500	50		2	8,740	39,175	62,000
Polk	1	2,000	3		1	500	2,850	4,000
Putnam	9	30,450	51		14	7,000	44,240	70,500
Saint John's (a)								
Santa Rosa	9	399,500	268		18	100,600	301,825	522,500
Sumter	6	12,000	28		5	5,329	19,450	32,200
Suwannee	17	100,600	424	50	3	102,475	110,066	251,370
Taylor	5	8,300	7			904	11,860	14,325
Volusia	4	15,100	9			2,050	12,100	21,944
Wakulla	1	1,000	3			600	1,800	3,200
Walton	13	29,950	38			6,575	32,025	47,565
Washington	4	25,000	51			15,000	58,800	110,000

a Returned as having no manufactures.

B—FLORIDA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	426	$3,210,680	4,564	558	382	$1,270,875	$3,040,119	$5,546,448
Blacksmithing (see also Wheelwrighting)	26	23,800	57		1	16,641	21,675	56,085
Boots and shoes, including custom work and repairing	2	650					575	1,650
Boxes, wooden, packing	4	4,600	10			2,400	1,600	6,700
Bread and other bakery products	2	2,000	7			3,420	13,900	20,780
Brick and tile	9	7,850	104		3	12,458	9,750	28,100
Carpentering	9	18,200	56		1	22,707	25,200	88,400
Carriages and wagons (see also Wheelwrighting)	2	3,000	14			3,748	5,400	13,500
Confectionery	2	2,500	2	2	2	1,944	1,800	5,700
Cotton goods	1	11,000	19	2	10	5,000	18,095	25,000
Flouring- and grist-mill products	94	224,655	140	2		22,257	287,950	337,780
Foundery and machine-shop products	1	2,500	8			3,300	1,100	6,000
Furniture	3	1,675	3			650	1,215	3,200
Lumber, planed (see also Sash, doors, and blinds)	1	7,000	15			5,460	8,000	17,000
Lumber, sawed	135	2,219,550	1,945		85	562,249	1,867,213	3,060,291
Marble and stone work	1	10,000	5			1,622	3,000	5,500
Painting and paperhanging	1	100	3			500	2,000	4,000
Printing and publishing	3	8,000	18		2	6,000	5,250	16,000
Rice cleaning and polishing	2	900	5		1	470	5,800	8,607
Saddlery and harness	2	1,400	3			1,644	700	3,500
Sash, doors, and blinds (see also Lumber, planed)	1	25,000	12		8	5,000	30,000	40,000
Shipbuilding	48	30,750	46			33,580	43,250	85,050
Soap and candles	1	300	2			315	500	1,000
Starch	1	3,500	6			1,800	2,000	6,000
Stone- and earthen-ware	1	1,000	2		2	350	150	850
Tar and turpentine, not including farm products	10	109,500	530	50		129,400	104,500	295,500
Taxidermy	1	2,000	4			1,200	1,000	4,000
Tinware, copperware, and sheet-iron ware	2	700	4			1,400	900	3,600
Tobacco, cigars and cigarettes	51	461,750	1,495	407	261	409,616	555,107	1,347,555
Umbrellas and canes	1	1,000	7			2,000	580	4,000
Upholstering materials	1	2,500	14	5	5	1,575	9,600	12,800
Watch and clock repairing	3	19,000	15		1	9,244	8,300	27,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	5	4,800	9			2,925	4,000	11,300

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

A—GEORGIA, 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	3,593	$20,672,410	18,937	3,619	2,319	$5,266,152	$24,143,939	$36,440,948
Appling	16	156,100	252	.....	.....	45,682	80,500	217,750
Baker	4	8,700	5	.....	.....	282	2,771	3,738
Baldwin	20	55,350	118	.....	5	16,922	94,195	130,543
Banks	19	30,250	41	.....	1	4,093	43,955	55,437
Bartow	63	400,730	285	25	27	57,872	312,897	474,417
Berrien	20	83,425	102	.....	.....	31,597	93,591	157,040
Bibb	51	651,800	818	203	134	301,022	936,196	1,724,125
Brooks	29	47,890	63	10	20	6,738	76,259	107,640
Bryan	4	35,000	289	.....	.....	40,500	53,557	118,300
Bulloch	9	18,500	20	.....	.....	1,309	13,930	19,450
Burke	23	43,100	50	.....	.....	9,014	61,140	76,855
Butts	11	39,500	19	.....	.....	3,135	81,372	96,195
Calhoun	11	14,875	37	.....	2	2,985	70,590	78,307
Camden	6	228,000	75	.....	13	29,352	226,600	348,333
Campbell	43	64,950	111	.....	5	12,754	162,330	205,902
Carroll	75	100,450	177	2	3	20,367	144,263	209,353
Catoosa	13	88,325	33	.....	1	5,099	142,416	171,338
Charlton	6	21,700	169	.....	.....	32,132	21,370	93,715
Chatham	129	1,176,970	1,103	109	97	460,847	2,402,506	3,483,866
Chattahoochee	8	14,050	16	.....	.....	1,075	15,211	17,398
Chattooga	57	473,270	119	103	78	46,199	283,130	462,909
Cherokee	55	80,051	121	17	20	17,112	88,114	134,303
Clarke	20	568,400	265	286	146	118,672	434,270	629,933
Clay	15	19,324	45	.....	5	5,702	45,715	58,691
Clayton	24	39,804	64	.....	.....	12,010	41,997	71,732
Clinch	5	87,400	116	.....	3	27,300	112,363	179,856
Cobb	93	537,133	341	189	67	120,778	999,253	1,383,322
Coffee	1	2,000	4	.....	.....	300	1,512	2,880
Colquitt	4	5,500	4	.....	.....	523	5,145	6,759
Columbia	7	15,900	18	.....	.....	1,243	18,840	23,139
Coweta	57	197,030	171	13	24	43,967	142,364	241,199
Crawford	21	19,235	33	.....	1	3,770	38,005	50,217
Dade	34	240,530	334	.....	8	28,853	365,795	521,298
Dawson	21	26,900	37	.....	1	5,286	53,195	76,720
Decatur	8	18,100	16	.....	.....	3,250	20,825	27,900
De Kalb	61	290,356	183	58	37	48,049	288,695	404,738
Dodge	16	66,800	360	.....	2	76,540	139,823	287,200
Dooly	15	23,610	55	.....	3	3,966	28,557	43,862
Dougherty	9	25,700	50	.....	.....	10,003	56,567	75,600
Douglas	40	49,425	52	.....	.....	8,851	91,211	117,272
Early	16	36,100	32	.....	.....	4,137	30,700	39,307
Echols	1	3,000	.....	.....	.....	.....	691	760
Effingham	2	3,000	5	.....	.....	163	1,305	2,665
Elbert	22	59,600	48	.....	.....	7,755	69,685	90,387
Emanuel	5	36,000	121	.....	4	20,400	70,160	110,750
Fannin	5	5,700	25	.....	.....	2,700	8,150	17,500
Fayette	8	23,300	10	.....	.....	1,250	55,110	63,425
Floyd	90	512,005	577	1	36	165,654	727,716	1,104,376
Forsyth	27	40,300	73	.....	4	10,107	58,714	87,015
Franklin	27	47,545	45	.....	.....	4,530	66,535	83,932
Fulton	240	2,582,131	2,933	534	418	927,898	3,324,005	5,125,826
Gilmer	6	7,550	7	.....	.....	525	10,100	12,605
Glascock	6	24,700	14	.....	.....	1,575	41,335	44,755
Glynn	6	868,000	114	.....	65	48,792	652,000	755,785
Gordon	38	81,260	84	.....	.....	12,931	109,484	155,933
Greene	49	182,210	117	30	56	41,754	250,954	344,242
Gwinnett	79	87,760	181	1	9	29,225	222,433	316,629
Habersham	26	30,580	61	1	1	7,300	63,155	94,348
Hall	55	106,278	179	2	13	33,712	172,972	249,575
Hancock	28	46,950	72	.....	.....	8,282	37,112	59,320
Haralson	13	19,800	20	.....	6	2,479	41,200	46,423
Harris	29	152,210	66	25	25	20,625	139,613	193,480
Hart	18	57,050	40	6	3	4,562	96,891	110,347
Heard	20	47,900	32	.....	1	4,885	25,345	38,760
Henry	35	85,725	90	.....	.....	14,069	109,403	141,147
Houston	26	120,250	143	30	18	28,819	130,874	205,439
Irwin (a)	.....	.....	.....	.....	.....	.....	.....	.....
Jackson	36	50,255	67	.....	2	9,049	80,167	106,868
Jasper	12	30,300	27	.....	.....	6,151	48,125	66,443
Jefferson	29	54,350	88	1	.....	17,086	78,377	123,694
Johnson	18	8,760	15	.....	1	1,869	5,360	11,734
Jones	7	24,400	12	.....	1	950	6,015	9,600
Laurens	11	23,150	34	.....	.....	3,848	20,106	33,143
Lee	15	17,135	37	.....	.....	5,095	34,245	50,090
Liberty	15	31,285	100	2	5	25,198	27,423	90,537
Lincoln	13	21,700	18	.....	.....	1,875	18,290	24,512
Lowndes	22	49,335	191	.....	13	30,753	64,225	125,414
Lumpkin	21	25,170	22	.....	1	3,251	41,570	60,690
McDuffie	17	49,000	48	.....	3	8,675	63,784	87,532
McIntosh	7	171,750	99	.....	.....	28,875	410,875	540,700

a Returned as having no manufactures.

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

A—GEORGIA, 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	7	$11,800	23	.....	.....	$4,127	$14,250	$22,105
Madison	25	32,130	36	.....	2	4,220	65,962	81,333
Marion	15	29,750	32	.....	1	6,158	23,976	47,589
Meriwether	36	54,075	71	.....	1	8,220	53,990	76,386
Miller	5	8,900	21	.....	.....	700	21,340	23,630
Milton	29	30,550	44	.....	4	5,561	67,114	87,045
Mitchell	7	20,300	83	.....	.....	14,860	41,180	70,017
Monroe	28	52,330	55	.....	1	5,675	65,777	76,168
Montgomery	1	2,500	4	.....	.....	300	5,000	7,020
Morgan	32	57,525	67	.....	1	9,021	81,114	104,938
Murray	22	23,700	36	.....	1	4,562	34,235	47,548
Muscogee	64	2,456,371	1,186	1,133	346	599,121	1,624,614	3,019,399
Newton	32	80,200	58	33	8	13,486	102,834	139,574
Oconee	4	4,000	8	.....	.....	2,125	3,860	8,400
Oglethorpe	54	78,065	108	1	1	19,015	96,405	139,213
Paulding	30	30,900	48	.....	1	7,483	69,355	99,129
Pickens	42	56,110	45	7	12	6,680	83,955	111,304
Pierce	13	199,000	316	11	10	80,500	142,300	302,725
Pike	46	164,560	149	1	2	38,197	150,924	249,052
Polk	39	529,570	492	.....	4	87,581	207,103	374,395
Pulaski	17	51,375	57	8	6	8,421	54,934	77,134
Putnam	24	61,700	58	.....	.....	10,023	124,875	145,507
Quitman	7	21,300	12	.....	.....	1,600	42,572	49,396
Rabun	2	1,700	4	.....	.....	100	975	1,600
Randolph	11	23,300	28	.....	.....	2,831	24,690	30,799
Richmond	86	2,402,275	1,126	523	310	527,700	2,466,570	3,490,789
Rockdale	61	92,720	156	4	6	27,617	148,560	223,115
Schley	10	13,900	18	.....	1	2,690	38,221	43,055
Screven	8	80,300	96	.....	.....	20,245	61,375	109,780
Spalding	25	63,050	79	.....	4	24,090	98,705	157,115
Stewart	16	23,650	29	.....	.....	3,515	71,805	86,331
Sumter	21	95,207	118	1	.....	24,355	66,345	122,411
Talbot	26	53,850	73	.....	8	6,545	116,660	132,987
Taliaferro	5	12,400	6	.....	.....	1,100	12,472	15,960
Tattnall	11	92,750	33	.....	.....	10,428	13,580	38,840
Taylor	28	69,000	105	.....	.....	13,633	38,030	67,116
Telfair	10	39,180	129	.....	1	36,309	31,449	122,054
Terrell	21	52,500	87	.....	2	19,563	69,280	107,450
Thomas	27	37,275	107	.....	.....	21,258	47,203	90,107
Towns	2	3,100	3	.....	.....	475	4,335	5,016
Troup	81	406,700	199	77	63	61,745	300,492	489,106
Twiggs	12	15,280	32	1	.....	2,904	33,565	43,003
Union	8	5,800	8	.....	.....	975	13,403	16,924
Upson	41	222,170	112	58	31	26,043	211,829	301,189
Walker	9[illegible]	50,200	25	.....	.....	4,203	122,270	153,466
Walton	48	188,660	95	52	40	31,319	132,087	219,902
Ware	10	87,450	237	.....	3	33,230	112,350	195,260
Warren	14	124,500	86	50	21	23,282	128,156	198,269
Washington	23	40,700	67	.....	.....	13,737	60,725	93,238
Wayne	22	104,800	388	11	9	111,075	276,650	470,269
Webster	17	20,250	20	.....	.....	2,046	30,300	43,800
White	2	2,600	3	.....	.....	450	6,850	8,220
Whitfield	30	79,550	60	.....	1	11,638	195,614	238,963
Wilcox	7	6,350	8	.....	.....	1,300	24,205	29,100
Wilkes	18	41,160	40	.....	.....	10,640	49,875	73,530
Wilkinson	30	37,745	46	.....	1	5,560	58,715	77,296
Worth	12	46,500	133	.....	20	32,250	101,550	170,880

B—GEORGIA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	3,593	$20,672,410	18,937	3,619	2,319	$5,266,152	$24,143,930	$36,440,948
Agricultural implements	20	200,124	230	.....	44	77,585	337,846	601,985
Bagging, flax, hemp, and jute	1	40,000	17	20	13	10,400	50,000	65,000
Bags, paper	1	75,000	45	30	20	30,000	100,000	140,000
Baking and yeast powders (see also Drugs and chemicals)	1	5,000	3	2	.....	1,100	10,000	15,000
Blacksmithing (see also Wheelwrighting)	435	159,700	596	.....	8	123,198	146,260	472,945
Bookbinding and blank-book making	2	2,500	3	7	4	3,000	2,000	9,600
Boots and shoes, including custom work and repairing	153	157,155	300	3	6	84,450	202,522	400,536
Boxes, fancy and paper	2	26,500	7	30	8	5,900	12,500	24,200
Boxes, wooden, packing	2	9,000	8	.....	.....	2,300	6,600	10,300
Brass castings	1	5,000	4	.....	2	1,560	1,000	4,000
Bread and other bakery products	26	118,450	159	14	24	55,742	343,286	464,162
Brick and tile	76	212,660	1,022	14	192	188,883	115,747	409,025
Bridges	1	500	6	.....	.....	2,000	500	5,000
Carpentering	84	140,045	684	.....	12	219,594	421,862	814,049
Carriages and wagons (see also Wheelwrighting)	59	275,300	515	1	12	184,159	246,470	582,581

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

B—GEORGIA, 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.			
Cars, railroad, street, and repairs	1	$10,000	12			$3,200	$6,000	$11,000
Cement	1	3,000	10			1,800	800	8,000
Clothing, men's	9	27,550	26	81		23,890	34,650	76,350
Coal-tar	1	10,000	26			3,500	10,000	20,000
Coffee and spices, roasted and ground	1	17,000	8	3	6	5,200	21,000	43,000
Coffins, burial cases, and undertakers' goods	4	24,500	46			14,101	26,128	50,153
Coke	1	80,000	107			13,837	124,900	140,000
Confectionery	14	130,700	82	24	4	28,831	263,165	336,325
Cooperage	7	11,950	29			9,880	43,100	60,172
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	500	1			200	900	1,600
Cotton compressing	1	1,800	5			1,000	1,500	3,200
Cotton goods	44	6,537,657	1,861	2,960	1,411	1,141,782	4,039,673	6,513,490
Cotton-ties	1	500	1			100	600	1,200
Dentistry, mechanical	2	1,800					1,800	5,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	1	10,000	100	25		37,000	50,000	125,000
Dyeing and cleaning	4	7,850	9	4		3,914	2,824	11,500
Dyeing and finishing textiles	1	3,000	4	1		1,400	724	3,500
Fertilizers	3	240,000	64		3	22,877	203,000	246,500
Flouring- and grist-mill products	1,132	3,576,301	1,823	4	18	327,602	8,619,092	9,793,898
Foundery and machine-shop products	39	916,510	868	7	37	343,072	612,483	1,299,491
Furniture (see also Mattresses and spring beds; Upholstering)	40	56,865	190	3	10	45,527	54,364	186,514
Furniture, chairs	3	6,700	16	8		5,690	5,600	31,900
Housefurnishing goods	1	3,000	2			500	2,000	3,000
Ice, artificial	8	243,000	59		1	21,165	25,510	97,050
Instruments, professional and scientific	2	5,000	6			3,500	5,300	10,000
Iron and steel	14	1,135,900	1,266		37	185,489	631,707	990,850
Kaolin and ground earths	1	10,000	15		5	3,000	3,500	10,000
Leather, curried	79	60,009	89		2	18,040	199,753	290,150
Leather, tanned	94	143,441	150		2	32,244	197,943	323,807
Lime	1	5,000	20		5	5,500	3,600	11,500
Liquors, distilled	25	41,073	31			5,350	45,817	73,070
Liquors, malt	1	65,000	25			10,943	60,507	99,584
Lithographing (see also Printing and publishing)	1	1,500	2			626	6,000	12,000
Lock- and gun-smithing	4	3,500	2		1	950	925	3,900
Looking-glass and picture frames	4	4,600	8			2,920	8,600	15,330
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	13	122,000	319		15	85,389	195,300	371,200
Lumber, sawed	655	3,101,452	3,298		94	554,085	3,197,155	4,875,310
Marble and stone work	10	45,100	65			24,720	32,039	88,567
Masonry, brick and stone	4	2,675	38			7,450	7,500	18,300
Mattresses and spring beds (see also Furniture)	4	4,900	9	7	2	3,760	5,106	12,000
Millstones	1	10,000	6			2,000	10,000	30,000
Mineral and soda waters	6	13,300	22		2	8,206	10,889	33,288
Models and patterns	1	500	1			600	400	1,840
Musical instruments, organs and materials	1	1,500	2			750	1,500	2,400
Oil, lubricating	1	3,000	3			750	100	3,000
Painting and paperhanging	21	46,650	105		1	46,603	44,513	124,830
Paints	1	1,000	3		3	1,200	1,200	4,500
Paper	7	255,000	102	41	7	31,668	149,563	221,572
Patent medicines and compounds (see also Drugs and chemicals)	12	114,500	64	19	7	32,470	56,900	138,500
Paving materials	2	7,500	13			3,600	6,000	13,100
Perfumery and cosmetics	1	5,000	5	2	1	2,600	4,000	8,000
Photographing	2	2,000	4			1,900	4,000	8,500
Plumbing and gasfitting	8	18,400	50			17,171	37,474	72,100
Printing and publishing (see also Lithographing)	21	506,800	405	21	57	213,052	218,306	579,054
Rice cleaning and polishing	9	263,000	111	74	24	34,957	1,309,408	1,488,760
Saddlery and harness	37	100,595	107	10	16	44,219	113,925	211,545
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	14	160,500	326		22	79,274	158,000	360,000
Shipbuilding	2	3,000	4			2,250	13,700	17,000
Silversmithing	1	800					250	1,885
Slaughtering and meat-packing, not including retail butchering establishments.	9	25,700	35		6	9,473	269,077	300,093
Stencils and brands	3	2,900	4			1,468	1,450	5,000
Stone- and earthen-ware	5	1,175	17		3	1,850	1,050	5,225
Straw goods	2	21,000	8	115	9	21,000	16,200	75,000
Surgical appliances	1	1,000	2	1		600	1,000	2,000
Tar and turpentine, not including farm products	84	513,885	2,622	24	97	506,842	490,355	1,455,739
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	56	155,350	204		8	67,560	181,710	329,624
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	10,000	15	2	13	3,000	10,000	15,000
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	21	37,900	68	7	13	38,751	46,587	104,364
Trunks and valises	3	10,300	15	1		5,600	7,500	16,800
Upholstering (see also Furniture)	2	550	2			215	1,100	2,000
Watch and clock repairing	10	8,450	10		2	5,674	6,150	22,100
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	118	87,155	233		4	63,065	64,860	207,367
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	2	5,000	6		1	2,800	3,500	9,500
Woolen goods	32	180,733	72	45	25	25,070	165,065	239,390

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

A—IDAHO 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	162	$677,215	374	8	6	$136,326	$844,874	$1,271,317
Ada	34	261,050	87	2	.....	44,750	358,160	511,790
Alturas	2	11,600	12	.....	.....	4,000	13,250	20,150
Bear Lake	17	43,650	38	6	2	10,140	38,641	68,529
Boisé	24	80,025	28	.....	1	10,194	54,763	97,816
Cassia	7	10,300	13	.....	1	3,250	10,450	10,350
Idaho	14	38,850	32	.....	.....	9,096	40,275	78,800
Kootenai	2	4,000	3	.....	.....	500	2,390	4,545
Lemhi	3	20,000	7	.....	.....	1,850	22,050	32,161
Nez Percé	22	102,640	60	.....	.....	21,077	80,350	129,411
Oneida	22	62,300	66	.....	2	16,752	178,470	232,370
Owyhee	11	27,300	21	.....	.....	12,057	23,630	55,095
Shoshone	1	5,000	3	.....	.....	900	6,600	10,300
Washington	3	10,500	4	.....	.....	860	6,845	11,000

B—IDAHO TERRITORY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	162	$677,215	374	8	6	$136,326	$844,874	$1,271,317
Blacksmithing (see also Wheelwrighting)	28	30,750	39	.....	.....	24,791	36,203	97,250
Boots and shoes, including custom work and repairing	11	15,975	23	1	1	13,214	17,025	46,026
Bread and other bakery products	3	5,800	4	.....	.....	2,200	3,450	7,500
Brick and tile	2	2,500	11	.....	.....	3,340	1,850	6,990
Carpentering	17	36,980	39	.....	.....	20,750	55,300	98,175
Carriages and wagons (see also Wheelwrighting)	1	2,500	2	.....	.....	1,800	6,000	10,000
Cheese and butter (factory)	6	15,250	8	5	.....	2,100	6,590	13,239
Flouring- and grist-mill products	16	287,000	46	2	.....	16,155	422,630	520,986
Foundery and machine-shop products	1	4,000	4	.....	.....	1,500	6,000	12,000
Furniture	2	800	1	.....	.....	80	300	1,500
Leather, curried	2	1,850	1	.....	1	500	2,687	3,049
Leather, tanned	2	1,850	1	.....	.....	500	1,816	2,612
Liquors, distilled	1	6,000	1	.....	.....	375	2,230	3,710
Liquors, malt	2	9,000	3	.....	.....	794	3,077	5,395
Lumber, sawed	48	192,460	169	.....	4	33,367	230,566	349,635
Saddlery and harness	5	14,500	7	.....	.....	5,850	23,400	37,850
Sash, doors, and blinds	1	6,000	1	.....	.....	300	1,200	3,000
Tinware, copperware, and sheet-iron ware	8	29,300	10	.....	.....	7,460	21,100	41,300
Watch and clock repairing	2	2,200	.....	.....	.....	.....	350	2,200
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	4	3,500	4	.....	.....	1,250	3,100	8,000

A—ILLINOIS, BY TOTALS OF COUNTIES.

The State	14,549	$140,652,000	120,558	15,233	8,936	$57,429,985	$289,843,907	$414,864,673
COUNTIES.								
Adams	425	4,368,400	3,068	151	315	1,330,046	5,753,890	8,904,995
Alexander	45	443,800	346	.....	11	125,435	1,119,323	1,433,070
Bond	53	77,165	93	.....	.....	20,899	163,491	230,575
Boone	76	142,550	140	4	1	48,385	241,174	353,240
Brown	55	88,585	129	.....	4	30,715	132,400	207,042
Bureau	130	309,925	291	1	10	76,714	367,205	560,708
Calhoun	31	33,250	34	.....	.....	8,920	19,534	36,793
Carroll	63	185,650	107	6	3	35,493	280,892	395,059
Cass	67	196,640	95	2	7	25,427	277,816	367,558
Champaign	210	432,071	477	6	26	139,941	451,909	789,189
Christian	122	219,150	272	2	5	84,905	547,302	807,339
Clark	76	161,835	193	5	2	40,521	376,577	505,313
Clay	37	84,800	94	.....	3	19,055	187,820	252,834
Clinton	117	435,800	319	1	7	97,954	1,040,848	1,328,786
Coles	130	418,708	485	22	10	156,568	759,681	1,125,220
Cook	3,775	72,401,453	64,454	12,232	4,909	35,603,567	181,867,817	253,910,548
Crawford	35	106,450	105	.....	.....	24,095	161,360	240,883
Cumberland	42	64,900	119	.....	.....	21,602	141,285	213,984
De Kalb	154	948,283	748	16	20	310,354	1,041,015	1,645,980
De Witt	70	159,575	180	.....	7	46,360	125,468	238,221
Douglas	54	105,485	90	.....	1	18,651	154,399	227,297
Du Page	119	359,294	239	24	19	82,128	567,653	812,976
Edgar	127	288,220	371	1	12	88,034	471,834	725,765
Edwards	25	71,700	69	.....	6	14,657	66,762	112,313
Effingham	68	213,520	183	6	17	50,865	372,897	569,690
Fayette	90	285,834	279	3	5	68,513	421,789	587,261
Ford	58	90,225	94	.....	1	22,251	75,661	137,421
Franklin	18	69,200	69	1	4	20,805	187,422	253,458
Fulton	185	857,335	707	36	43	210,447	914,794	1,429,975
Gallatin	27	53,550	78	.....	.....	14,680	78,075	115,460
Greene	94	373,540	344	.....	3	115,324	509,983	758,342
Grundy	70	267,925	259	2	34	106,089	246,212	470,000
Hamilton	38	127,370	120	3	.....	27,074	245,612	335,096
Hancock	150	543,700	337	27	9	103,411	779,613	1,014,030
Hardin	18	40,225	34	.....	.....	8,792	43,429	62,715

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

A—ILLINOIS, 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.			
Henderson	23	$66,140	66	.....	6	$11,880	$104,235	$135,850
Henry	123	497,400	451	6	44	165,177	478,290	812,702
Iroquois	116	225,302	262	5	4	72,617	292,603	473,830
Jackson	81	470,480	268	25	18	71,935	484,040	666,837
Jasper	43	60,235	195	.....	11	20,145	87,614	132,892
Jefferson	44	107,125	154	24	11	36,547	333,951	438,849
Jersey	51	190,625	172	3	5	54,516	404,702	589,410
Jo Daviess	194	1,695,299	815	66	43	319,038	1,149,933	1,790,197
Johnson	25	88,900	97	.....	1	17,107	168,421	224,820
Kane	328	3,686,908	2,619	570	268	1,423,229	3,809,239	6,531,913
Kankakee	73	474,900	322	98	9	140,389	559,896	880,408
Kendall	53	253,840	527	10	20	216,129	467,420	849,418
Knox	197	816,224	789	25	32	263,096	714,320	1,319,095
Lake	85	492,750	355	5	6	119,257	646,649	922,367
La Salle	309	3,097,840	2,960	70	183	1,309,728	3,050,339	5,047,142
Lawrence	17	87,900	89	.....	1	21,330	288,010	354,890
Lee	103	668,825	429	28	10	207,766	1,162,655	1,681,349
Livingston	78	189,325	225	1	40	71,403	319,097	478,240
Logan	96	199,945	284	1	5	80,951	270,231	457,626
McDonough	106	429,665	405	31	12	137,860	523,882	850,680
McHenry	214	519,329	354	127	215	113,869	1,002,788	1,496,242
McLean	208	1,194,355	906	42	69	338,396	1,627,288	2,400,561
Macon	164	1,125,195	826	59	71	368,486	1,810,901	2,333,481
Macoupin	153	624,650	439	6	19	156,926	1,717,619	2,074,392
Madison	285	1,970,111	1,651	70	324	769,163	5,091,082	7,298,568
Marion	101	300,700	386	11	6	116,583	409,295	666,596
Marshall	80	270,270	190	36	4	76,282	289,874	530,744
Mason	67	163,315	131	1	4	37,320	203,777	318,177
Massac	46	305,180	473	.....	30	139,640	502,675	739,886
Menard	42	156,000	128	4	12	28,809	191,322	294,073
Mercer	85	121,750	166	2	6	45,231	223,935	364,096
Monroe	23	205,702	141	.....	1	56,375	741,505	857,967
Montgomery	109	517,560	646	8	7	251,972	1,587,608	2,031,409
Morgan	195	804,090	850	39	108	309,682	1,418,140	2,060,667
Moultrie	55	74,900	96	1	2	22,979	121,739	196,352
Ogle	90	281,875	214	4	12	71,250	517,701	730,421
Peoria	402	4,450,872	4,013	322	151	1,612,974	9,809,882	14,703,382
Perry	48	110,900	162	.....	9	48,413	381,435	524,036
Piatt	26	91,250	73	.....	.....	21,466	123,330	172,940
Pike	122	413,900	325	7	12	113,309	1,035,402	1,340,799
Pope	51	102,135	123	1	.....	30,706	142,737	211,161
Pulaski	29	391,800	279	.....	18	93,213	366,925	589,112
Putnam	19	23,040	35	.....	.....	7,173	20,869	38,870
Randolph	98	631,625	342	7	1	129,743	1,727,770	2,075,000
Richland	69	161,775	225	12	17	57,299	464,778	596,528
Rock Island	228	4,738,822	3,213	65	330	1,609,717	4,603,023	7,794,268
Saint Clair	349	5,343,404	4,973	12	572	1,775,942	12,845,905	17,310,819
Saline	31	94,675	139	.....	8	31,067	184,515	256,870
Sangamon	238	2,658,631	2,164	214	275	932,398	4,316,981	5,872,368
Schuyler	44	143,085	115	27	5	44,726	236,627	357,452
Scott	53	65,880	104	3	9	28,451	116,968	188,667
Shelby	109	222,280	262	.....	17	71,882	533,472	727,727
Stark	69	98,100	101	2	9	29,534	118,065	196,775
Stephenson	188	1,085,676	794	25	27	317,261	1,221,189	2,045,117
Tazewell	158	1,248,400	899	8	14	320,348	1,579,363	2,416,898
Union	44	146,625	258	.....	6	63,112	528,298	659,870
Vermilion	160	603,210	540	44	39	189,232	815,792	1,241,182
Wabash	19	61,310	55	.....	6	12,950	216,000	263,602
Warren	42	715,848	577	1	3	199,804	527,518	850,803
Washington	87	451,382	301	.....	5	97,313	1,235,874	1,666,343
Wayne	51	170,000	195	71	28	61,236	350,803	454,636
White	76	286,655	375	1	18	87,213	692,254	897,419
Whiteside	188	1,527,471	864	48	18	384,585	1,881,370	2,868,624
Will	224	3,533,805	2,620	130	110	1,164,372	8,252,302	12,544,737
Williamson	25	85,725	94	3	5	25,840	126,549	180,184
Winnebago	292	3,289,107	2,088	301	108	959,245	2,533,344	4,668,974
Woodford	94	243,775	208	.....	3	50,201	287,873	381,531

B—ILLINOIS, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	14,549	$140,652,066	120,558	15,233	8,936	$57,429,085	$289,843,907	$414,864,673
Agricultural implements	220	11,306,955	6,989	27	284	3,186,909	6,722,930	13,498,575
Awnings and tents	12	13,300	33	28	1	16,415	51,947	82,251
Axle-grease	3	202,500	21	2	3	14,800	66,737	141,000
Bagging, flax, hemp, and jute	3	175,000	95	40	40	47,531	109,000	215,110
Bags, other than paper	1	25,000	13	7	.....	12,000	130,000	150,000

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

B—ILLINOIS, 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.			
Bags, paper	3	$101,200	29	37	6	$24,375	$532,300	$608,800
Baking and yeast powders (see also Drugs and chemicals)	9	151,700	90	45	1	51,069	519,750	686,600
Baskets, rattan and willow ware	15	108,222	121	1	14	49,550	54,810	124,785
Belting and hose, leather	2	192,706	58	.....	.....	26,710	225,000	302,275
Billiard tables and materials	4	263,200	300	.....	.....	137,225	283,900	665,400
Blacking	1	10,000	5	.....	.....	2,400	6,000	20,000
Blacksmithing (see also Wheelwrighting)	1,856	1,366,074	2,082	.....	39	753,289	990,046	3,020,521
Bone-, ivory-, and lamp-black	3	45,000	53	.....	.....	19,500	92,500	103,500
Bookbinding and blank-book making	45	253,475	284	196	53	214,024	241,060	597,077
Boots and shoes, including custom work and repairing	1,117	2,453,831	2,938	364	141	1,223,162	2,623,354	5,103,147
Boxes, cigar	9	65,300	49	50	26	39,658	122,200	196,311
Boxes, fancy and paper	13	68,700	71	180	32	83,550	119,100	262,292
Boxes, wooden, packing	23	575,300	1,010	18	117	459,777	1,328,832	2,008,159
Brass castings	15	461,500	550	.....	3	249,118	385,085	784,005
Bread and other bakery products	267	993,810	1,103	221	69	577,065	2,048,972	3,857,139
Brick and tile (see also Terra-cotta ware)	616	2,397,023	5,319	13	571	1,288,604	955,584	3,065,302
Bridges	3	348,000	642	.....	.....	311,763	1,473,000	1,974,000
Brooms and brushes	88	307,225	436	106	51	181,578	357,852	686,166
Buttons	3	29,000	12	71	4	16,642	27,085	66,700
Carpentering	742	1,220,822	3,650	1	69	1,602,128	3,224,708	5,908,100
Carpets, rag	19	4,420	16	2	2	7,297	12,798	28,469
Carriage and wagon materials	7	24,700	37	.....	.....	10,370	18,100	38,800
Carriages and sleds, children's	1	15,000	7	6	.....	3,900	8,000	15,000
Carriages and wagons (see also Wheelwrighting)	215	3,466,830	3,017	37	177	1,429,705	2,331,111	5,003,053
Cars, railroad, street, and repairs	7	771,500	1,057	.....	29	476,742	1,875,291	2,543,682
Cement	2	340,000	132	.....	13	40,000	30,000	93,000
Cheese and butter (factory)	285	933,586	631	56	11	233,974	2,840,327	3,876,085
Cleansing and polishing preparations	1	6,000	8	3	1	3,500	3,900	13,000
Clothing, men's	330	7,135,533	4,842	4,409	385	3,929,964	12,809,297	19,356,849
Clothing, women's	19	353,500	72	1,488	23	334,885	1,017,720	1,585,990
Coffee and spices, roasted and ground	15	530,900	209	44	51	159,996	2,477,021	3,008,879
Coffins, burial cases, and undertakers' goods	39	306,675	179	13	8	99,477	251,295	470,985
Coke	4	205,000	16	.....	2	9,347	15,420	24,700
Confectionery	44	482,250	373	173	139	242,908	1,589,850	2,208,792
Cooperage	372	865,720	2,297	1	48	877,471	1,737,539	3,233,305
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	3	3,100	10	.....	.....	4,460	4,820	14,200
Cordage and twine	2	8,200	6	.....	5	3,241	19,850	28,500
Cork cutting	3	45,800	24	15	17	22,103	125,038	217,220
Corsets	2	15,075	10	104	.....	38,334	100,900	177,384
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	4	256,000	83	100	87	51,035	156,503	244,261
Cutlery and edge tools (see also Hardware; Tools)	13	133,700	143	8	27	71,581	52,170	185,000
Dentistry, mechanical	82	65,200	54	5	2	29,163	41,970	217,539
Dentists' materials	3	11,000	18	5	.....	11,300	12,000	46,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds)	28	513,800	230	66	16	132,700	734,828	1,170,216
Dyeing and cleaning	21	82,000	81	15	7	50,283	47,768	149,006
Dyeing and finishing textiles	11	69,850	72	13	7	46,519	45,565	135,521
Electrical apparatus and supplies (see also Telegraph and telephone apparatus)	3	271,200	127	25	.....	100,603	143,587	543,000
Electroplating	11	32,300	42	2	6	22,645	13,020	71,000
Engraving and die-sinking	6	18,100	22	3	.....	17,397	13,650	49,750
Engraving, wood	16	35,825	66	3	8	51,785	12,970	116,775
Envelopes	1	3,000	3	2	3	2,500	3,000	8,000
Explosives and fireworks	2	45,000	14	8	15	7,000	11,500	30,000
Fancy articles	1	1,500	3	3	.....	2,000	5,000	10,000
Fertilizers	6	467,000	220	.....	.....	110,760	500,957	729,400
Files (see also Saws)	7	33,800	66	.....	8	28,595	17,800	68,000
Fire-arms	1	United States	64	.....	16	39,000	76,800	115,800
Fire extinguishers, chemical	2	370,000	113	.....	2	82,500	75,000	190,000
Flavoring extracts	4	71,200	65	40	5	36,780	334,500	461,500
Flax, dressed	15	111,755	189	10	11	61,124	50,130	138,593
Flouring- and grist-mill products	1,024	13,579,680	4,950	7	8	1,868,124	41,486,756	47,471,558
Food preparations (see page 39)	6	90,400	30	12	8	16,160	58,700	120,900
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus)	299	7,568,350	7,377	6	251	3,644,389	7,107,553	13,515,701
Fruits, vegetables, canned and preserved	12	151,200	175	187	335	86,602	504,315	730,843
Furnishing goods, men's	13	586,100	144	1,119	47	392,700	1,143,275	1,835,507
Furniture (see also Mattresses and spring beds; Upholstering)	335	3,554,130	5,206	79	410	2,497,778	3,607,313	7,644,638
Furniture, chairs	11	270,000	326	3	61	140,180	178,890	397,572
Furs, dressed	16	168,800	60	105	2	56,008	241,600	398,850
Gas and lamp fixtures	3	17,100	46	1	2	18,000	41,225	96,000
Gas machines and meters	3	45,500	42	.....	.....	19,723	28,884	64,800
Glass	7	445,000	632	.....	100	342,027	297,842	901,343
Glass, cut, stained, and ornamented	6	39,600	76	1	3	47,545	38,564	113,612
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	12	130,000	95	191	5	71,191	211,200	325,200
Glucose	3	450,000	367	.....	3	116,700	1,025,420	1,450,400
Glue	3	405,000	199	75	8	95,700	281,000	563,500
Gold and silver leaf and foil	3	22,000	34	45	2	25,750	41,000	85,000
Gold and silver, reduced and refined (not from the ore)	2	40,000	18	.....	.....	11,170	96,810	126,470
Grease and tallow	14	694,000	227	.....	1	123,954	1,454,775	1,764,300
Hairwork	21	55,050	9	120	.....	28,842	67,950	143,415
Hand-knit goods	7	14,900	4	106	9	14,065	43,470	64,072
Handles, wooden	4	5,350	11	.....	2	4,750	5,535	16,000

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

B—ILLINOIS, 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.
Hand-stamps	4	$5,500	11	1	1	$7,140	$11,600	$26,050
Hardware (see also Cutlery and edge tools; Tools)	22	291,370	300	1	36	146,583	296,795	575,502
Hardware, saddlery	3	30,100	32	1	20	18,200	48,200	87,000
Hats and caps, not including wool hats	14	22,550	40	35	7	31,226	41,350	98,000
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	14	105,800	160	471	76	92,385	290,895	484,124
Housefurnishing goods	1	31,000	8	10	.....	6,000	60,000	80,000
Ink	5	57,750	19	4	14	12,597	26,000	79,000
Iron and steel	21	6,460,620	4,887	.....	366	2,508,718	14,977,145	20,545,280
Iron bolts, nuts, washers, and rivets	4	187,000	295	.....	40	164,800	727,150	1,104,000
Iron doors and shutters	3	7,500	18	.....	.....	11,720	19,800	40,560
Iron forgings	5	145,800	155	.....	.....	73,130	424,337	585,581
Iron nails and spikes, cut and wrought	5	448,000	339	29	78	192,528	375,430	804,270
Iron pipe, wrought	2	735,000	690	12	70	321,521	881,027	1,455,470
Iron railing, wrought	5	10,000	27	.....	.....	15,590	17,400	42,882
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	13	68,000	144	.....	12	72,854	177,800	318,900
Ivory and bone work	2	2,900	1	.....	.....	246	1,500	6,200
Japanning	3	9,100	26	.....	1	6,300	5,000	17,100
Jewelry	13	74,600	81	4	5	53,396	107,380	247,004
Jewelry and instrument cases	2	3,100	4	.....	1	2,100	3,250	8,000
Labels and tags	3	16,100	8	2	4	5,995	16,750	28,800
Lamps and reflectors	4	453,500	345	25	55	159,250	648,408	1,051,346
Lapidary work	1	400	1	.....	.....	300	200	2,000
Lard, refined	4	1,012,700	329	40	75	181,200	4,637,050	5,055,000
Lasts	3	16,500	34	.....	2	19,988	34,075	61,700
Lead, bar, pipe, sheet, and shot	3	153,000	28	1	3	17,379	85,750	150,401
Leather, curried	18	534,786	247	.....	1	141,096	1,967,255	2,391,380
Leather, tanned	34	2,220,114	1,113	99	29	599,028	4,160,113	5,402,070
Lightning rods	3	21,250	22	.....	.....	13,333	37,650	65,200
Lime	23	313,150	397	.....	.....	149,212	190,460	444,990
Liquors, distilled	36	3,437,616	2,114	.....	.....	934,751	10,066,800	14,600,760
Liquors, malt	111	6,098,835	1,640	2	6	754,510	3,261,272	5,798,109
Lithographing (see also Printing and publishing)	13	494,150	307	12	11	220,955	263,549	698,387
Lock- and gun-smithing	38	44,380	62	.....	3	24,953	18,739	77,512
Looking-glass and picture frames	63	350,925	798	32	158	361,675	619,090	1,304,993
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	65	971,808	1,155	2	71	474,739	3,799,814	4,813,290
Lumber, sawed	640	3,295,483	3,652	.....	199	787,867	3,144,905	5,063,037
Malt	22	941,200	257	.....	1	117,710	1,703,169	2,113,080
Mantels, slate, marble, and marbleized	1	6,000	4	.....	.....	2,406	7,200	12,604
Marble and stone work	188	799,125	1,556	.....	21	712,515	999,793	2,102,387
Masonry, brick and stone	99	297,867	1,893	.....	19	863,283	1,778,296	2,942,422
Matches	2	51,500	16	51	.....	16,065	195,894	235,000
Mattresses and spring beds (see also Furniture)	32	223,350	298	63	50	136,316	342,850	758,508
Millinery and lace goods	19	122,750	50	306	65	90,360	267,060	471,400
Mineral and soda waters	56	290,118	314	1	17	120,868	274,702	613,358
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	3	57,000	36	122	17	39,650	166,042	227,600
Models and patterns	18	18,200	66	.....	1	36,280	9,851	72,572
Musical instruments and materials (not specified)	1	150	.....	.....	.....	.....	400	800
Musical instruments, organs and materials	17	261,000	305	1	42	201,007	323,978	656,500
Musical instruments, pianos and materials	5	20,300	27	.....	.....	16,902	11,800	37,675
Oil, castor	3	33,500	14	.....	.....	3,060	20,090	32,400
Oil, essential	2	1,700	10	.....	.....	5,100	8,100	20,200
Oil, lard	3	190,000	82	.....	3	42,600	928,000	1,107,000
Oil, linseed	12	1,035,000	238	4	11	117,255	2,520,380	3,099,893
Oleomargarine	3	208,800	63	.....	7	21,310	328,500	437,800
Painting and paperhanging	269	389,376	1,349	1	42	662,180	745,547	1,861,048
Paints (see also Varnish)	14	792,800	257	18	7	154,328	2,112,145	2,799,700
Paper (see also Envelopes)	28	1,246,000	646	82	41	293,144	884,688	1,679,692
Patent medicines and compounds (see also Drugs and chemicals)	22	322,050	140	50	7	81,040	584,010	827,410
Paving materials	4	59,500	91	.....	.....	39,037	247,000	313,000
Perfumery and cosmetics	3	5,500	6	3	.....	3,214	5,800	14,200
Photographic apparatus	2	23,000	16	1	4	11,150	4,000	18,930
Photographing	92	256,325	177	74	7	132,522	121,615	455,733
Pickles, preserves, and sauces	12	87,500	94	10	12	38,165	367,970	518,200
Pipes, tobacco	6	7,000	8	.....	1	4,350	3,625	17,200
Plated and britannia ware	1	150,000	65	17	.....	26,885	43,500	115,500
Plumbing and gasfitting	106	187,251	414	3	65	242,997	400,585	813,932
Pocket-books	3	22,300	61	28	.....	31,890	95,840	150,599
Printing and publishing (see also Lithographing)	243	3,625,400	3,050	531	531	2,401,894	2,807,361	7,114,939
Printing materials	4	20,200	24	.....	7	17,452	26,300	61,000
Pumps, not including steam pumps	27	348,050	225	3	10	85,443	272,362	470,720
Refrigerators	1	800	6	.....	4	2,500	4,000	9,000
Regalia and society banners and emblems	2	23,500	5	16	1	5,970	41,260	60,860
Roofing and roofing materials	20	199,721	242	.....	.....	90,187	437,877	623,681
Rubber and elastic goods	3	10,500	8	10	.....	4,540	25,750	35,600
Saddlery and harness	718	1,246,281	1,459	163	172	589,250	1,645,270	3,095,322
Safes, doors, and vaults, fire-proof	2	28,000	27	.....	.....	10,250	13,650	29,250
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	70	1,589,313	2,185	17	212	968,621	1,904,089	3,500,998
Saws	9	58,400	42	.....	.....	25,118	32,500	92,000
Scales and balances	6	71,600	88	.....	.....	49,350	123,340	244,750
Screws	1	25,000	24	.....	1	10,500	15,000	30,000

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

B—ILLINOIS, BY SPECIFIED INDUSTRIES—Continued.

Manufacturing and mechanical 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.			
Sewing machines and attachments	17	$1,187,600	584	4	8	$332,776	$379,534	$1,387,911
Sewing-machine cases	7	115,800	429	.....	36	161,700	134,685	382,355
Shipbuilding	28	457,000	465	.....	.....	247,395	492,010	802,093
Shirts	32	162,150	112	458	9	141,800	427,957	740,117
Shoddy (see also Mixed textiles)	2	22,000	16	12	3	12,300	74,500	100,000
Show-cases	14	62,100	119	.....	9	65,276	125,900	263,700
Silk and silk goods (see also Mixed textiles)	5	82,000	67	135	57	72,195	125,895	244,150
Slaughtering and meat-packing, not including retail butchering establishments.	143	12,019,980	10,217	.....	731	4,077,617	84,649,718	97,891,517
Soap and candles	35	1,407,750	469	33	80	224,874	3,341,777	3,930,322
Soda-water apparatus	1	3,000	2	.....	.....	2,000	3,500	8,000
Sporting goods	2	6,500	4	2	2	3,000	4,500	19,000
Springs, steel, car, and carriage	6	46,000	67	.....	1	38,240	152,500	227,500
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	2	4,000	11	.....	3	7,400	5,500	20,000
Starch	2	301,500	152	24	13	33,000	141,000	219,500
Stationery goods	3	5,600	6	4	3	4,100	17,050	25,500
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	13	182,700	265	.....	13	143,390	462,780	680,530
Stencils and brands	2	8,600	19	2	4	10,200	10,400	28,000
Stereotyping and electrotyping (see also Type founding)	4	26,200	54	.....	12	27,272	18,800	69,554
Stone- and earthen-ware	41	168,090	272	3	24	101,281	74,306	246,305
Straw goods	8	144,000	85	335	19	119,514	297,744	484,609
Surgical appliances	4	20,500	16	12	.....	10,700	17,200	48,800
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	1	2,000	16	.....	.....	1,750	2,250	5,700
Terra-cotta ware (see also Brick and tile)	3	28,000	81	.....	13	26,500	22,576	68,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing; Stamped ware).	561	1,491,278	1,760	108	172	870,807	2,071,345	3,894,655
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	10	1,129,750	458	197	393	355,135	2,955,741	4,197,400
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	532	1,050,871	2,382	215	232	1,101,786	1,702,458	3,764,999
Tools (see also Cutlery and edge tools; Hardware)	7	35,300	70	.....	.....	32,200	39,850	99,224
Toys and games	2	1,600	7	.....	.....	3,860	620	5,700
Trunks and valises	17	168,300	238	4	10	111,345	309,400	542,800
Type founding (see also Stereotyping and electrotyping)	4	290,000	127	95	96	109,300	86,000	314,000
Umbrellas and canes	6	2,775	8	.....	2	2,516	2,100	7,600
Upholstering (see also Furniture)	38	83,200	148	26	12	67,077	166,941	307,535
Varnish (see also Paints)	4	207,000	32	.....	1	24,646	302,600	389,000
Vault lights and ventilators	2	10,000	26	.....	.....	15,919	33,841	63,179
Vinegar	26	230,920	94	3	9	44,410	202,630	376,583
Washing-machines and clothes-wringers	9	12,275	13	.....	.....	3,273	8,681	18,524
Watch and clock repairing	77	97,928	104	1	3	57,144	27,322	139,155
Watch cases	1	50,000	50	10	40	70,000	16,000	150,000
Watches	4	1,968,827	988	571	.....	738,974	223,857	1,288,621
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	876	979,862	1,424	.....	34	555,605	662,300	1,890,614
Whips	4	2,300	8	3	1	3,325	3,950	11,360
Windmills	23	293,500	196	1	5	104,157	205,694	392,967
Window blinds and shades	4	11,500	12	8	9	6,550	32,600	51,250
Wire	3	45,000	55	2	22	20,800	37,600	82,749
Wirework	38	572,722	558	.....	42	242,279	1,889,581	2,664,710
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	24	136,510	124	10	21	61,977	86,527	200,315
Wooden ware	8	102,500	123	1	9	46,296	127,060	216,736
Woolen goods (see also Gloves and mittens; Mixed textiles)	53	1,327,553	527	365	150	296,225	1,392,708	1,896,460
Zinc	5	681,000	866	.....	4	416,600	1,257,228	1,815,200

A—INDIANA, BY TOTALS OF COUNTIES.

The State	11,198	$65,742,962	62,072	3,615	3,821	$21,960,888	$100,262,017	$148,006,411
COUNTIES.								
Adams	69	153,250	195	1	10	41,809	203,168	322,764
Allen	247	2,926,146	3,099	165	221	1,182,448	5,017,413	7,178,778
Bartholomew	141	857,565	556	83	32	201,644	1,341,996	1,776,140
Benton	13	13,000	19	.....	.....	4,575	14,405	28,442
Blackford	46	127,450	161	2	8	47,747	301,350	406,132
Boone	138	211,465	374	.....	25	85,808	522,518	747,084
Brown	14	116,400	237	.....	.....	23,100	102,740	152,925
Carroll	127	415,570	383	7	7	94,760	525,896	795,159
Cass	276	1,309,627	1,259	30	53	422,042	1,647,388	2,573,513
Clark	337	1,051,590	2,541	32	51	823,003	2,677,664	3,937,683
Clay	66	465,489	271	2	13	66,781	442,699	699,192
Clinton	146	327,700	465	.....	11	115,422	482,936	704,051
Crawford	61	108,905	147	.....	.....	18,487	127,140	185,290
Daviess	54	149,550	166	.....	.....	45,346	388,716	504,119
Dearborn	168	3,370,850	1,578	18	85	657,525	2,792,351	4,442,878
Decatur	109	268,495	305	16	7	75,616	324,885	530,588
De Kalb	127	247,300	277	6	6	54,463	274,949	434,320
Delaware	159	701,575	594	55	77	183,500	836,363	1,280,481
Dubois	111	197,695	212	3	7	39,868	261,801	386,754
Elkhart	175	1,437,945	1,117	254	92	459,339	1,765,818	2,769,442
Fayette	40	495,255	411	71	54	189,398	566,931	887,840
Floyd	200	3,721,562	2,408	257	394	1,151,690	3,754,549	5,917,951
Fountain	104	237,350	286	1	15	74,237	437,578	615,094
Franklin	105	255,800	314	9	2	96,742	567,624	879,817
Fulton	106	189,035	262	11	8	63,714	303,673	459,197

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

A—INDIANA, 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.			
Gibson	92	$252,585	253	.....	5	$60,320	$368,441	$545,353
Grant	134	657,765	566	.....	21	159,162	818,765	1,181,321
Greene	84	206,380	226	.....	14	49,741	341,110	471,247
Hamilton	167	416,626	448	4	23	92,501	812,425	1,071,061
Hancock	90	185,640	232	.....	4	51,378	285,580	432,990
Harrison	72	126,810	190	1	.....	19,652	286,545	362,093
Hendricks	158	243,545	359	8	9	86,247	504,545	757,803
Henry	177	724,785	576	17	36	116,046	921,017	1,251,275
Howard	122	309,625	468	5	4	107,600	403,455	641,444
Huntington	153	469,750	586	33	59	143,975	716,480	1,061,672
Jackson	141	398,884	578	22	42	141,624	587,308	920,680
Jasper	44	40,160	68	1	.....	14,590	54,078	96,141
Jay	88	164,920	210	.....	1	34,305	260,680	374,695
Jefferson	123	1,033,020	966	26	26	372,396	1,857,139	2,672,199
Jennings	65	158,630	183	.....	5	43,592	191,870	295,449
Johnson	133	699,710	565	96	101	164,027	928,304	1,315,299
Knox	100	618,960	449	4	36	132,878	1,031,464	1,356,776
Kosciusko	177	449,039	574	3	12	133,785	563,283	904,549
Lagrange	79	236,060	193	4	5	40,700	253,002	375,503
Lake	64	699,130	269	1	11	93,410	3,165,552	3,497,900
La Porte	155	1,201,910	1,496	85	51	538,204	2,332,471	3,393,862
Lawrence	87	232,425	259	26	15	47,808	257,484	399,648
Madison	167	525,250	585	8	34	176,733	774,472	1,194,312
Marion	809	10,366,985	9,118	830	513	4,027,473	19,855,886	28,425,874
Marshall	142	510,000	481	2	12	125,189	831,630	1,175,085
Martin	59	230,540	340	.....	22	32,879	164,136	245,048
Miami	113	1,205,750	767	81	76	257,702	806,305	1,311,353
Monroe	71	268,650	328	3	25	71,717	329,279	489,996
Montgomery	148	569,919	531	32	28	173,963	729,313	1,138,303
Morgan	106	216,480	412	1	26	93,968	593,442	819,985
Newton	26	30,375	32	.....	.....	9,087	59,993	91,548
Noble	189	527,070	546	2	8	165,619	688,840	1,076,319
Ohio	29	94,250	89	9	.....	23,850	142,105	200,945
Orange	77	95,950	181	.....	.....	26,145	185,493	275,826
Owen	63	122,800	168	3	4	23,714	206,973	287,475
Parke	109	347,168	304	1	2	53,022	295,999	450,409
Perry	67	472,760	292	201	50	99,487	370,940	595,843
Pike	25	69,795	84	5	1	10,389	125,820	159,470
Porter	68	348,000	324	36	54	108,487	452,137	694,457
Posey	141	368,710	397	4	7	122,300	1,125,810	1,416,989
Pulaski	19	67,800	44	.....	.....	7,370	97,006	124,752
Putnam	104	362,285	502	11	29	205,452	504,153	881,013
Randolph	130	316,960	436	32	45	123,779	674,912	935,261
Ripley	157	314,440	402	12	23	113,253	476,975	745,354
Rush	132	251,835	363	2	10	88,660	381,957	619,537
Saint Joseph	213	3,760,477	3,467	119	367	1,471,983	3,735,130	6,749,756
Scott	29	54,070	85	1	4	8,083	63,295	89,883
Shelby	137	412,560	484	.....	4	126,391	655,822	982,404
Spencer	121	221,385	267	5	2	65,737	387,079	548,249
Starke	9	27,575	14	.....	.....	3,195	62,352	73,717
Steuben	100	197,735	218	2	2	58,316	339,274	489,954
Sullivan	80	183,438	206	10	4	53,098	460,228	596,538
Switzerland	36	107,945	150	1	1	34,572	169,132	248,428
Tippecanoe	238	1,213,298	1,473	94	55	584,504	1,734,580	2,860,261
Tipton	58	105,505	166	.....	5	28,412	274,325	400,491
Union	49	123,025	109	3	10	33,124	169,099	265,817
Vanderburgh	357	4,823,745	3,060	337	381	1,291,171	5,205,230	8,439,173
Vermillion	47	127,700	105	.....	4	22,025	166,732	222,946
Vigo	269	2,757,775	3,340	144	154	1,492,932	7,072,514	9,769,800
Wabash	193	660,495	687	12	9	152,491	823,878	1,230,287
Warren	49	118,300	113	.....	.....	20,523	166,286	228,246
Warrick	77	160,635	155	1	2	35,158	325,163	438,274
Washington	108	466,735	320	122	24	95,003	515,679	762,532
Wayne	332	2,963,535	2,720	89	129	1,087,391	4,400,503	6,805,259
Wells	85	294,360	343	20	35	99,646	502,577	752,175
White	63	115,940	107	8	1	25,814	228,862	302,835
Whitley	103	280,020	356	4	1	66,926	308,955	473,410

B—INDIANA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	11,198	$65,742,962	62,072	3,615	3,821	$21,960,888	$100,262,917	$148,006,411
Agricultural implements	96	3,231,818	2,357	1	113	1,010,644	2,182,137	4,460,408
Artificial limbs (see also Surgical appliances)	1	2,000	1	.....	.....	800	500	3,000
Awnings and tents	4	3,700	13	7	.....	3,250	6,500	12,000
Bagging, flax, hemp, and jute	3	97,000	88	72	61	69,000	59,500	189,000
Bags, other than paper	1	5,000	1	2	.....	700	55,000	60,000

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

B—INDIANA, 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.			
Bags, paper	1	$3,000	1	4	.....	$1,000	$6,000	$8,000
Baking and yeast powders (see also Drugs and chemicals)	4	6,300	18	2	.....	6,815	37,000	59,000
Baskets, rattan and willow ware	5	1,300	6	.....	.....	830	1,350	5,920
Belting and hose, leather	2	25,000	9	.....	.....	3,000	40,693	47,759
Blacksmithing (see also Wheelwrighting)	1,384	821,051	1,443	2	13	414,713	668,855	1,940,362
Bookbinding and blank-book making	10	15,757	22	18	7	14,848	13,044	39,215
Boots and shoes, including custom work and repairing	949	766,218	1,415	40	19	494,435	975,089	2,143,774
Boxes, cigar	4	7,000	16	6	.....	6,331	7,175	20,500
Boxes, fancy and paper	3	4,000	4	18	.....	5,250	7,050	16,000
Boxes, wooden, packing	4	43,300	61	.....	.....	23,020	50,350	130,700
Brass castings	7	24,700	29	.....	.....	17,149	53,000	85,410
Bread and other bakery products	155	360,910	448	45	26	199,049	779,775	1,291,961
Brick and tile (see also Drain and sewer pipe)	735	1,408,264	3,908	4	328	716,254	694,226	1,927,858
Bridges	2	11,000	30	.....	.....	16,500	11,000	35,000
Brooms and brushes	32	35,925	104	25	23	33,850	80,239	158,167
Carpentering	344	284,790	1,210	.....	33	425,249	1,114,488	2,006,094
Carpets, rag	15	10,525	10	8	3	6,427	16,200	31,930
Carriage and wagon materials	44	1,249,008	1,761	.....	44	614,128	1,306,506	2,369,723
Carriages and wagons (see also Wheelwrighting)	195	2,732,417	2,790	5	111	1,133,233	1,605,103	3,998,520
Cars, railroad, street, and repairs	5	450,000	2,483	.....	25	791,267	3,792,600	4,960,500
Cheese and butter (factory)	49	82,345	104	16	2	20,587	157,606	225,649
Clothing, men's	228	840,640	876	807	17	610,114	1,398,380	2,504,816
Clothing, women's	2	37,000	3	87	.....	20,500	65,000	109,000
Coffee and spices, roasted and ground	9	174,500	62	11	3	26,608	439,450	529,100
Coffins, burial cases, and undertakers' goods	41	556,100	349	30	15	167,844	222,975	585,466
Coke	2	8,000	4	.....	.....	300	2,225	3,000
Confectionery	29	132,400	105	29	20	52,302	286,935	432,080
Cooperage	265	970,560	2,447	.....	140	843,942	1,943,638	3,342,552
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	1	5,000	8	.....	.....	2,500	16,000	20,000
Cordage and twine	1	500	2	.....	.....	400	600	1,500
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	4	1,090,000	193	391	124	162,829	651,434	1,155,029
Cutlery and edge tools (see also Hardware)	5	3,850	11	.....	.....	2,456	4,850	11,121
Dentistry, mechanical	39	24,980	20	6	1	10,952	16,787	70,198
Drain and sewer pipe (see also Brick and tile)	8	12,000	9	.....	.....	4,500	4,000	19,000
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	9	84,700	48	26	.....	26,976	63,692	129,273
Dyeing and cleaning	8	5,500	19	24	.....	13,350	11,700	37,600
Dyeing and finishing textiles	5	4,400	15	24	.....	12,100	9,850	32,000
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	2	1,400	.....	.....	.....	.....	800	3,200
Electroplating	3	1,400	3	.....	.....	1,218	1,150	4,550
Engraving, wood	2	825	3	.....	.....	1,850	400	4,500
Fertilizers	10	157,000	168	.....	.....	64,090	724,525	980,725
Files (see also Saws)	6	3,850	17	.....	1	7,125	2,250	14,350
Flax, dressed	21	158,500	216	30	47	87,050	242,110	420,100
Flavoring extracts	1	500	1	.....	.....	300	800	1,200
Flouring- and grist-mill products	996	9,484,023	3,146	.....	13	989,087	26,104,637	29,591,397
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	120	3,993,578	3,798	4	128	1,672,520	3,915,164	6,833,648
Fruits and vegetables, canned and preserved	6	58,450	147	93	97	20,980	156,325	248,550
Furniture (see also Mattresses and spring beds; Upholstering)	251	2,243,250	2,628	11	221	1,044,367	1,997,177	3,909,591
Furniture, chairs	37	395,850	587	86	99	232,005	246,462	632,746
Furs, dressed	1	500	.....	2	.....	150	1,000	1,300
Glass	4	1,442,000	695	53	114	284,207	433,733	790,781
Glue	4	47,500	30	.....	9	10,320	61,250	85,500
Grease and tallow	6	10,400	24	.....	1	6,800	44,950	58,700
Hairwork	3	500	.....	.....	1	120	850	3,120
Handles, wooden	10	34,300	42	3	1	9,795	18,886	43,850
Hardware (see also Cutlery and edge tools)	6	54,795	54	.....	.....	16,900	44,575	73,500
Hardware, saddlery	1	25,000	30	.....	10	12,000	30,500	45,000
Hats and caps, not including wool hats	5	3,050	7	4	1	3,825	8,200	17,620
Hones and whetstones	3	35,000	17	3	3	9,700	43,750	74,000
Hosiery and knit goods (see also Cotton goods; Woolen goods)	5	45,000	26	201	57	24,700	103,280	158,200
Iron and steel	12	2,283,000	1,883	.....	165	804,921	3,293,073	4,551,403
Iron bolts, nuts, washers, and rivets	1	26,000	44	.....	.....	13,000	60,000	85,000
Iron forgings	1	5,000	3	.....	.....	1,000	9,000	11,000
Iron nails and spikes, cut and wrought	1	150,000	300	.....	.....	170,710	251,332	426,968
Iron railings, wrought	2	9,000	13	.....	.....	3,700	5,710	13,610
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	4	111,000	132	.....	.....	44,600	87,691	150,892
Jewelry	1	10,000	3	.....	.....	1,800	1,000	3,500
Leather, curried	93	381,552	181	.....	1	66,080	1,192,434	1,462,776
Leather, tanned	105	653,349	296	.....	7	108,761	971,201	1,266,653
Lightning rods	1	45,000	32	.....	.....	9,000	6,000	30,000
Lime	24	196,200	321	.....	5	67,850	97,004	219,715
Liquors, distilled	22	2,300,250	415	.....	.....	177,767	2,000,523	2,997,063
Liquors, malt	63	1,609,179	577	.....	.....	257,514	1,092,752	1,999,803
Liquors, vinous (see also Liquors, distilled)	2	3,060	4	.....	3	2,540	10,171	30,931
Lithographing (see also Printing and publishing)	1	800	4	.....	.....	2,300	400	5,000
Lock- and gun-smithing	24	16,750	18	.....	1	8,556	14,425	39,875
Looking-glass and picture frames	16	41,250	44	1	6	24,007	63,303	110,825
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	84	655,546	691	.....	26	251,410	762,494	1,266,215
Lumber, sawed	2,022	7,048,088	9,926	.....	413	1,571,740	9,627,097	14,260,830
Malt	5	123,000	22	.....	.....	9,715	142,400	182,000

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

B—INDIANA, 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.			
Marble and stone work	156	$338,547	582		12	$250,599	$427,253	$980,072
Masonry, brick and stone	48	44,937	305		1	127,684	186,290	389,325
Mattresses and spring beds (see also Furniture)	11	29,300	38	5	2	15,250	35,300	74,225
Millinery and lace goods	6	37,000		69		12,100	78,000	132,000
Mineral and soda waters	11	23,500	34	1		7,166	19,246	37,840
Mixed textiles (see also Cotton goods; Woolen goods)	5	685,000	208	215	134	209,337	503,052	918,150
Models and patterns	2	300	3			600	150	1,900
Musical instruments and materials (not specified)	5	32,850	82			33,450	13,000	58,800
Musical instruments, organs and materials	5	53,000	96	2	21	60,400	64,400	156,500
Musical instruments, pianos and materials	2	77,000	90			42,500	43,000	109,000
Oil, lard	2	40,000	10			4,260	130,000	146,000
Oil, linseed	8	435,000	103	1	2	44,715	1,125,000	1,276,806
Oleomargarine	1	1,000	10			1,200	8,000	18,000
Painting and paperhanging	87	79,750	314	39	3	139,809	260,360	531,902
Paints (see also Varnish)	1	8,000	1		3	1,200	18,000	35,000
Paper (see also Wood pulp)	19	875,000	201	167	26	166,628	741,793	1,112,660
Patent medicines and compounds (see also Drugs and chemicals)	15	43,600	43	11	1	31,300	55,600	170,200
Photographing	43	47,200	45	15	2	23,160	24,309	94,785
Plumbing and gasfitting	25	87,700	133		2	61,229	136,110	256,120
Printing and publishing (see also Lithographing)	99	1,126,320	1,222	108	160	689,590	703,984	1,832,023
Pumps, not including steam pumps	55	251,400	300		3	112,209	247,925	533,006
Refrigerators	2	36,000	91			25,000	52,000	90,090
Regalia and society banners and emblems	2	3,500	4	5		3,348	6,500	17,048
Roofing and roofing materials	6	17,700	21			9,648	52,675	90,475
Saddlery and harness	458	898,825	1,157	3	30	430,264	1,168,735	2,126,896
Safes, doors, and vaults, fire-proof	1	300	2			470	200	1,300
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	40	744,850	583	5	40	236,304	908,133	1,437,350
Saws	3	112,000	64			56,050	161,000	291,000
Scales and balances	1	2,000	5			2,400	3,000	8,500
Sewing-machine cases	3	514,000	768		225	389,243	940,625	1,354,625
Shingles, split	9	745	24	2	1	1,375	2,445	6,725
Shipbuilding	23	194,250	312			211,736	529,840	810,655
Shirts	9	19,400	14	70	8	31,460	42,642	95,800
Show-cases	2	2,300	3		1	1,620	5,500	9,250
Slaughtering and meat-packing, not including retail butchering establishments.	25	3,974,000	1,790		25	494,622	13,645,927	15,209,204
Soap and candles	8	39,300	37			13,176	73,530	102,622
Spectacles and eyeglasses	1	2,000	2	1		1,000	1,000	3,000
Starch	6	625,000	310	16	21	145,880	950,740	1,276,880
Stationery goods	1	7,500	12			3,000	1,500	7,600
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	1	15,000	10			4,000	48,000	60,000
Stencils and brands	6	2,750	11		2	5,700	5,825	21,100
Stereotyping and electrotyping	1	5,000	5		3	4,000	2,500	8,000
Stone- and earthen-ware	27	64,550	89	2	1	26,255	14,535	71,340
Surgical appliances (see also Artificial limbs)	1	500,000	40	10		86,000	25,000	150,000
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	1	80,000	77	6	30	44,000	90,000	180,000
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	319	634,418	805	3	32	325,447	798,079	1,553,484
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	2,000	5		1	500	400	1,800
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	208	298,837	820	24	85	318,158	542,475	1,226,325
Toys and games	2	15,500	19			5,600	15,500	26,500
Trunks and valises	10	29,800	60		2	23,587	36,550	84,000
Umbrellas and canes	2	850		1		100	1,100	3,000
Upholstering (see also Furniture)	21	24,575	50	6	4	24,577	62,100	116,789
Upholstering materials	1	4,000	7			1,800	1,500	6,000
Varnish (see also Paints)	2	85,000	13			7,716	95,000	112,000
Vinegar	9	17,410	24			5,895	30,170	63,250
Washing-machines and clothes-wringers	3	13,100	22	5		10,450	26,300	62,800
Watch and clock repairing	87	42,775	54	1	4	29,640	19,545	85,248
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	539	418,425	669		12	207,077	288,112	841,336
Windmills	1	38,000	28			10,300	43,500	64,000
Window blinds and shades	3	22,000	28	1		10,900	32,000	50,000
Wirework	1	7,000	3		4	1,800	15,000	25,000
Wood pulp	1	6,000	15			1,350	390	5,350
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	12	36,250	97	1	14	41,352	65,312	148,036
Wooden ware	5	128,700	115	32	38	58,250	65,250	189,200
Woolen goods (see also Mixed textiles)	81	2,273,705	846	587	308	462,681	1,823,390	2,729,347

A—IOWA, BY TOTALS OF COUNTIES.

The State	6,921	$33,987,886	25,382	1,431	1,559	$9,725,962	$48,704,311	$71,045,926
COUNTIES.								
Adair	14	32,560	25	7	1	4,423	32,590	42,017
Adams	31	40,550	64			17,837	174,827	225,999
Allamakee	88	451,496	228	4	11	79,919	348,408	545,852
Appanoose	51	78,607	100	1	3	26,750	196,625	285,103
Audubon	6	15,100	15		1	3,525	30,650	39,165

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

A—IOWA, 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.			
Benton	95	$221,365	200	3	3	$53,837	$278,390	$418,504
Black Hawk	133	539,578	438	8	10	166,740	1,083,281	1,437,027
Boone	80	254,325	218	16	8	87,417	399,938	680,053
Bremer	59	143,650	125	12	4	36,756	175,483	274,204
Buchanan	75	297,830	174	10	10	56,229	265,640	422,583
Buena Vista	28	58,850	68	1	.....	20,166	140,204	196,008
Butler	45	139,915	79	1	1	20,428	251,892	338,738
Calhoun	25	21,650	30	.....	.....	4,695	41,219	62,757
Carroll	14	42,350	38	.....	.....	10,159	67,425	100,501
Cass	42	127,630	174	1	5	58,418	497,520	635,657
Cedar	65	125,915	82	1	6	24,381	131,478	202,349
Cerro Gordo	31	187,800	59	7	2	22,048	293,880	363,305
Cherokee	31	65,475	69	2	1	25,199	142,770	192,959
Chickasaw	60	128,850	122	1	5	30,603	195,228	288,046
Clarke	36	79,150	69	6	.....	27,580	174,420	249,644
Clay	26	31,875	37	1	1	12,385	94,841	125,237
Clayton	209	783,085	486	18	28	153,173	722,883	1,079,003
Clinton	172	2,752,492	1,410	60	219	581,010	2,704,554	4,080,647
Crawford	54	98,015	115	.....	2	41,300	197,712	306,891
Dallas	63	151,025	91	1	4	18,510	204,723	270,917
Davis	72	90,995	161	.....	4	45,598	159,778	267,425
Decatur	65	110,480	123	2	5	23,253	156,388	234,544
Delaware	155	359,480	294	21	25	90,499	390,614	644,319
Des Moines	134	1,420,373	1,277	59	90	550,293	1,623,936	2,838,053
Dickinson	2	18,000	9	.....	.....	2,025	32,970	38,140
Dubuque	459	3,749,761	2,796	295	96	1,399,994	4,235,244	6,885,289
Emmet	4	4,900	4	.....	.....	1,150	11,350	15,115
Fayette	98	264,976	180	8	5	45,667	445,400	590,666
Floyd	81	310,160	185	2	7	60,425	366,869	540,865
Franklin	30	61,600	76	1	1	14,214	70,014	106,470
Fremont	70	208,463	198	.....	15	76,655	295,154	481,899
Greene	33	105,005	103	.....	3	21,048	110,443	169,952
Grundy	27	89,750	54	2	2	18,314	71,870	116,675
Guthrie	40	132,255	77	4	.....	20,881	155,838	228,433
Hamilton	44	75,240	73	1	.....	19,983	109,154	167,915
Hancock	1	1,800	.....	.....	.....	.....	6,650	7,538
Hardin	81	296,545	200	10	5	67,814	311,821	471,384
Harrison	56	121,575	139	1	.....	32,466	189,578	267,050
Henry	99	346,280	237	4	12	62,501	467,101	623,815
Howard	47	102,500	85	.....	17	23,500	186,560	264,487
Humboldt	17	72,175	31	.....	1	8,731	56,010	82,670
Ida	4	28,000	21	.....	3	6,375	64,250	80,840
Iowa	58	263,838	227	4	23	68,179	349,133	512,304
Jackson	130	583,630	405	25	24	121,424	1,469,512	1,788,664
Jasper	67	158,510	152	.....	7	35,784	292,290	397,530
Jefferson	65	175,025	127	4	7	35,973	286,159	418,603
Johnson	180	816,466	658	27	43	191,478	887,633	1,332,540
Jones	115	276,490	272	47	.....	79,307	547,679	785,626
Keokuk	139	270,240	206	10	16	52,707	380,452	500,500
Kossuth	28	55,675	66	1	.....	16,425	79,805	122,466
Lee	285	2,146,534	1,574	94	206	600,910	1,978,312	3,192,058
Linn	297	1,564,150	1,170	94	56	464,596	4,249,617	5,205,859
Louisa	40	89,800	98	2	2	26,695	189,806	276,453
Lucas	59	108,975	130	2	13	43,681	163,291	266,344
Lyon	4	32,500	8	.....	.....	3,480	41,430	49,170
Madison	43	90,475	78	1	6	18,909	133,545	205,798
Mahaska	100	302,381	296	11	13	105,593	364,273	611,530
Marion	102	201,835	195	.....	16	46,902	273,114	395,311
Marshall	111	692,538	424	5	4	182,296	1,008,669	1,507,650
Mills	29	80,682	60	.....	3	23,398	209,815	275,295
Mitchell	81	384,485	183	6	4	67,385	478,793	625,550
Monona	33	90,700	82	2	1	16,294	128,940	173,471
Monroe	49	73,755	126	3	4	29,291	166,703	249,005
Montgomery	41	131,475	92	5	2	32,520	164,895	247,320
Muscatine	195	1,056,085	806	81	123	341,404	1,288,421	1,918,149
O'Brien	12	86,825	25	.....	.....	6,135	39,550	57,545
Osceola (a)	.....	.....	.....	.....	.....	.....	.....	.....
Page	42	89,350	82	.....	1	26,908	129,645	197,503
Palo Alto	16	31,500	38	.....	3	10,702	32,098	57,818
Plymouth	12	128,500	37	.....	1	18,176	277,880	356,861
Pocahontas	2	2,200	2	.....	.....	1,000	500	3,172
Polk	202	1,564,790	1,396	75	104	715,399	3,023,659	4,530,428
Pottawattamie	120	546,541	685	29	5	282,369	1,779,234	2,448,842
Poweshiek	51	244,100	177	58	6	79,062	211,803	411,016
Ringgold	16	18,750	45	2	3	13,350	60,650	92,595
Sac	21	63,900	58	3	5	14,922	99,665	128,950
Scott	241	2,988,157	1,564	85	152	705,603	3,105,143	4,667,511
Shelby	11	46,330	63	.....	1	15,707	74,611	102,660
Sioux	7	14,950	10	.....	1	2,582	19,200	29,530
Story	36	58,650	62	.....	3	19,443	51,988	96,126
Tama	81	242,334	156	1	8	53,581	357,141	502,741
Taylor	32	62,423	77	.....	7	20,405	143,467	209,453
Union	48	125,500	147	.....	5	62,952	289,217	423,095
Van Buren	97	301,400	228	41	16	83,072	449,722	655,084
Wapello	154	1,094,495	943	101	23	375,577	2,706,528	3,596,379

a Returned as having no manufactures.

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

A—IOWA, 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.			
Warren	60	$110,735	121	.....	3	$24,838	$218,460	$314,418
Washington	76	175,350	145	12	1	45,950	388,183	513,043
Wayne	55	62,450	129	2	1	27,677	158,060	245,757
Webster	59	171,525	191	.....	4	65,478	194,878	341,190
Winnebago (a)	.....	.....	.....	.....	.....	.....	.....	.....
Winneshiek	67	393,786	229	10	3	66,982	512,590	689,125
Woodbury	91	705,550	449	16	14	192,478	846,095	1,233,666
Worth	10	66,000	33	.....	.....	14,600	79,900	110,625
Wright	4	13,300	7	.....	.....	1,500	15,510	20,086

a Returned as having no manufactures.

B—IOWA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	6,921	$33,987,886	25,382	1,431	1,559	$9,725,962	$48,704,311	$71,045,926
Agricultural implements	58	1,185,530	785	1	23	243,635	601,096	1,271,872
Awnings and tents	2	2,150	4	4	.....	950	4,250	6,700
Bags, paper	2	13,500	4	1	3	2,150	45,000	55,000
Baking and yeast powders (see also Drugs and chemicals)	3	7,500	12	.....	.....	7,500	38,200	54,500
Baskets, rattan and willow ware	4	575	1	.....	.....	350	1,075	2,275
Bellows	1	250	2	.....	.....	675	500	1,500
Blacksmithing (see also Wheelwrighting)	1,073	758,812	1,079	2	45	342,066	524,583	1,551,837
Bookbinding and blank-book making	19	102,500	73	25	10	47,438	54,927	135,616
Boots and shoes, including custom work and repairing	563	499,207	760	9	7	261,483	555,768	1,212,570
Boxes, cigar	2	6,000	5	6	.....	3,302	7,580	14,000
Boxes, fancy and paper	2	1,100	1	4	.....	1,140	1,353	3,518
Boxes, wooden, packing	4	43,500	55	3	17	18,400	28,900	64,000
Brass castings	3	4,400	9	.....	.....	4,700	5,900	16,071
Brass ware	1	10,000	10	.....	.....	2,500	20,000	28,000
Bread and other bakery products	97	353,638	271	45	31	134,062	541,629	839,712
Brick and tile	280	478,614	2,063	13	175	426,120	270,963	944,497
Bridges	8	685,600	136	.....	2	87,808	242,858	351,476
Brooms and brushes	40	36,500	75	30	15	35,527	56,290	112,958
Carpentering	381	322,263	1,364	.....	31	543,381	1,287,218	2,280,490
Carpets, rag	11	2,755	10	1	.....	4,351	5,694	17,283
Carriage and wagon materials	2	29,000	27	.....	.....	13,375	22,700	40,500
Carriages and wagons (see also Wheelwrighting)	208	1,505,645	1,372	.....	16	610,017	1,042,758	2,212,197
Cheese and butter (factory)	244	657,508	670	91	34	139,813	1,261,316	1,736,400
Clothing, men's	167	665,563	512	377	3	353,100	830,510	1,568,398
Clothing, women's	1	2,000	.....	12	.....	2,250	8,000	12,500
Coffee and spices, roasted and ground	8	38,000	27	5	1	15,428	95,063	135,000
Coffins, burial cases, and undertakers' goods	15	45,900	36	1	.....	13,564	22,500	60,050
Confectionery	18	96,850	49	19	10	27,334	137,441	225,850
Cooperage	112	194,539	515	.....	4	207,573	312,006	660,213
Cordage and twine	4	13,800	30	.....	4	9,465	26,604	42,314
Corsets	1	2,000	.....	3	.....	1,000	2,000	4,000
Cutlery and edge tools (see also Hardware; Tools)	2	30,000	21	2	18	8,175	9,647	28,000
Dentistry, mechanical	24	17,000	13	.....	1	11,047	7,630	37,930
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	6	11,700	10	2	1	3,200	14,850	27,350
Dyeing and cleaning	2	1,600	2	2	.....	1,300	1,150	3,500
Engraving and die-sinking	1	2,500	2	.....	.....	1,200	1,000	4,000
Engraving, wood	1	100	1	.....	.....	160	150	1,250
Fertilizers	2	21,500	22	.....	.....	7,650	6,300	21,312
Files	2	900	5	.....	.....	2,400	600	4,950
Flouring- and grist-mill products	713	7,890,859	2,146	.....	1	748,045	16,488,480	19,089,401
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	102	1,032,550	1,076	2	28	471,574	747,559	1,594,349
Fruits and vegetables, canned and preserved	5	66,000	41	70	7	17,048	53,300	92,500
Furniture (see also Mattresses and spring beds; Upholstering)	169	744,670	723	10	19	314,752	626,453	1,293,504
Furniture, chairs	2	51,000	121	30	21	25,820	37,400	76,300
Furs, dressed	3	6,600	4	3	.....	1,400	4,600	11,100
Glass	3	57,000	24	2	9	2,000	3,248	3,500
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	4	25,100	14	85	.....	23,240	35,915	78,696
Glucose	1	55,000	25	.....	.....	4,102	19,030	25,812
Grease and tallow	14	22,750	32	.....	.....	8,720	65,322	96,155
Hairwork	9	7,300	5	14	6	5,300	9,350	22,000
Handles, wooden	1	1,000	6	.....	.....	1,800	500	5,000
Hardware (see also Cutlery and edge tools; Tools)	3	3,200	10	.....	1	2,500	6,800	15,500
Hats and caps, not including wool hats	1	1,500	2	2	.....	1,000	800	2,200
Hosiery and knit goods (see also Gloves and mittens; Woolen goods)	3	2,200	3	3	.....	460	1,554	2,908
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	4	11,700	28	.....	.....	14,100	21,000	49,500
Jewelry	6	12,800	10	1	.....	5,050	3,775	16,700
Lard, refined	1	1,000	1	.....	.....	200	3,000	5,000
Lead, bar, pipe, sheet, and shot	1	2,800	5	1	.....	2,500	35,000	52,000
Leather, curried	10	12,455	12	.....	1	3,417	47,020	61,611
Leather, tanned	10	14,575	12	1	2	4,327	24,099	43,974
Lightning rods	1	5,000	6	.....	.....	3,160	3,000	9,000
Lime	32	56,285	98	.....	1	23,245	30,959	82,760
Lithographing (see also Printing and publishing)	2	11,500	15	.....	.....	10,850	9,000	27,000
Liquors, distilled	3	118,200	75	.....	.....	20,000	192,338	288,000
Liquors, malt	114	1,987,343	526	.....	.....	218,017	928,135	1,653,851

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

B—IOWA, 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, vinous (see also Liquors, distilled)	9	$163,950	37	24	84	$12,337	$35,257	$66,445
Lock- and gun-smithing	25	20,900	18	.....	.....	9,299	8,025	33,478
Looking-glass and picture frames	9	25,000	22	3	.....	12,142	21,800	46,000
Lumber, planed (see also Sash, doors, and blinds)	12	94,600	95	.....	6	42,633	161,500	256,800
Lumber, sawed	328	4,046,300	2,526	.....	463	825,244	4,141,885	6,185,6.8
Malt	2	95,000	19	.....	.....	8,500	76,050	100,750
Marble and stone work	85	240,970	317	1	3	142,200	186,119	499,744
Masonry, brick and stone	43	53,646	270	.....	1	76,575	119,159	240,707
Mattresses and spring beds (see also Furniture)	7	15,300	24	2	1	8,137	49,230	73,800
Millinery and lace goods	2	8,000	.....	11	.....	2,815	11,000	15,500
Mineral and soda waters	21	75,100	50	1	15	16,804	70,000	116,400
Models and patterns	3	5,330	3	.....	.....	2,247	850	4,800
Musical instruments, organs and materials	1	300	1	.....	.....	275	750	2,500
Oil, lard	1	8,000	5	.....	.....	2,000	20,000	30,600
Oil, linseed	7	432,000	94	1	2	46,330	570,812	766,800
Painting and paperhanging	43	38,525	138	1	3	59,787	80,019	187,916
Paints	2	55,000	24	1	1	9,250	58,000	112,000
Paper	4	305,000	118	29	5	59,235	82,135	193,075
Patent medicines and compounds (see also Drugs and chemicals)	6	19,200	36	11	.....	16,050	28,765	63,700
Paving materials	6	5,900	17	.....	.....	6,600	7,325	19,000
Photographing	31	30,350	42	13	5	25,547	15,353	71,160
Pickles, preserves, and sauces	1	2,000	4	.....	.....	726	7,000	12,000
Plumbing and gasfitting	4	9,000	20	.....	.....	9,452	14,728	27,372
Printing and publishing (see also Lithographing)	146	1,125,086	833	79	78	498,229	514,380	1,399,289
Pumps, not including steam pumps	10	28,800	23	.....	1	7,531	22,000	39,900
Roofing and roofing materials	3	10,250	14	.....	.....	4,460	37,050	55,210
Saddlery and harness	451	964,728	988	3	16	380,552	1,173,862	2,068,486
Sash, doors, and blinds (see also Lumber, planed)	27	713,200	526	.....	95	238,592	847,002	1,280,072
Scales and balances	3	21,000	12	.....	.....	3,080	9,150	13,600
Sewing machines and attachments	1	44,000	60	50	3	36,000	74,000	122,000
Shipbuilding	1	25,000	75	.....	.....	37,000	62,000	112,000
Shirts	6	17,600	20	85	4	26,008	43,000	84,000
Show-cases	2	12,600	8	.....	1	2,600	6,000	11,000
Slaughtering and meat-packing, not including retail butchering establishments.	38	1,955,500	1,488	.....	44	530,188	9,996,845	11,285,032
Soap and candles	15	135,500	56	5	3	23,418	195,800	259,960
Sporting goods	1	300	1	.....	.....	312	200	800
Starch	2	99,350	32	15	.....	17,500	66,560	93,130
Stationery goods	1	4,000	3	10	.....	3,500	5,000	10,000
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	4	57,400	75	.....	.....	49,000	63,000	130,800
Stereotyping and electrotyping	1	2,000	2	.....	.....	1,000	2,000	6,000
Stone- and earthen-ware	28	64,250	172	.....	11	64,406	32,642	139,195
Straw goods	1	1,000	.....	2	.....	300	700	2,000
Surgical appliances	1	7,000	3	5	.....	6,000	5,000	25,000
Tinware, copperware, and sheet-iron ware	321	520,150	614	.....	6	256,266	583,786	1,108,804
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	25,000	6	8	.....	8,000	82,670	96,485
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	133	263,675	490	39	59	226,961	376,621	830,097
Tools (see also Cutlery and edge tools; Hardware)	3	2,500	9	.....	.....	4,525	4,180	12,500
Trunks and valises	5	11,000	19	.....	.....	8,235	22,400	41,068
Upholstering (see also Furniture)	6	10,550	9	5	.....	5,060	10,140	20,800
Upholstering materials	1	550	2	.....	1	100	300	750
Vinegar	10	101,250	45	.....	.....	19,870	78,835	171,780
Washing-machines and clothes-wringers	7	4,850	11	1	1	3,940	9,185	21,350
Watch and clock repairing	38	38,310	42	1	1	23,426	10,935	61,106
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	328	221,035	311	.....	12	103,537	107,982	455,723
Windmills	5	7,750	8	1	1	3,380	7,300	15,000
Window blinds and shades	2	18,500	12	1	.....	6,700	7,500	18,500
Wire	3	181,000	46	.....	.....	35,135	319,350	447,500
Wirework	30	73,700	102	1	10	36,041	129,115	208,110
Wooden ware	9	26,800	25	9	16	10,667	36,600	60,700
Woolen goods (see also Gloves and mittens)	34	553,500	307	132	60	117,792	435,747	679,904

A—KANSAS, BY TOTALS OF COUNTIES.

The State	2,803	$11,192,315	11,139	392	531	$3,995,010	$21,453,141	$30,843,777
COUNTIES.								
Allen	55	95,000	135	7	4	46,449	196,564	299,398
Anderson	33	44,450	48	2	.....	15,450	126,177	178,354
Arapahoe (a)	.....	.....	.....	.....	.....	.....	.....	.....
Atchison	141	696,725	784	100	25	455,498	1,451,466	2,332,205
Barbour	10	13,200	25	.....	3	2,755	6,433	15,305
Barton	11	55,850	30	.....	.....	10,428	45,834	62,260
Bourbon	67	249,470	289	3	13	116,010	630,869	897,890
Brown	32	38,240	81	1	.....	31,170	118,127	204,228
Buffalo (a)	.....	.....	.....	.....	.....	.....	.....	.....
Butler	37	94,475	92	.....	.....	31,240	171,404	238,692
Chase	13	42,850	25	.....	.....	5,650	60,016	79,081
Chautauqua	39	52,866	69	.....	3	17,635	104,207	151,547
Cherokee	57	128,750	171	2	3	74,208	152,912	311,526
Cheyenne (a)	.....	.....	.....	.....	.....	.....	.....	.....
Clark (a)	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

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

A—KANSAS, 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.			
Clay	19	$85,250	36		2	$17,170	$207,535	$243,160
Cloud	25	29,500	56		1	17,333	138,505	178,275
Coffey	20	93,600	44			11,795	277,034	318,704
Comanche (a)								
Cowley	49	119,245	126	1	2	37,125	196,194	276,303
Crawford	79	126,335	260		1	100,891	257,783	467,121
Davis	20	49,175	44		5	15,740	146,746	195,400
Decatur	1	500	1			40	510	750
Dickinson	32	99,178	79	4	4	21,058	267,294	315,480
Doniphan	44	160,750	144	1	5	29,409	302,506	395,209
Douglas	129	548,035	455	32	40	179,523	766,212	1,150,116
Edwards	1	15,000	3			2,000	44,200	47,750
Elk	37	45,680	57	1	1	10,733	82,977	120,121
Ellis	7	13,900	5			1,479	6,070	10,857
Ellsworth	12	42,050	31	4		10,860	61,760	83,406
Foote (a)								
Ford	9	41,150	32	1		18,750	41,746	74,440
Franklin	50	149,840	198	1	5	71,789	214,492	376,768
Gove (a)								
Graham	1	600			1	30	300	500
Grant (a)								
Greeley (a)								
Greenwood	29	61,690	59			16,644	177,884	230,129
Hamilton (a)								
Harper	5	1,935	3			188	2,306	4,500
Harvey	50	81,475	175	5	3	58,186	386,944	530,126
Hodgeman (a)								
Jackson	3	11,000	9			1,840	15,750	19,770
Jefferson	37	87,865	62			18,200	270,868	333,123
Jewell	24	24,128	51		1	10,107	30,809	58,389
Johnson	58	118,450	140	4	11	42,502	231,030	327,328
Kansas (a)								
Kearney (a)								
Kingman	9	21,560	11			3,530	13,350	21,888
Labette	78	235,650	297	6	5	79,531	544,190	747,463
Lane (a)								
Leavenworth	219	1,808,530	2,123	96	86	860,387	2,613,590	4,221,922
Lincoln	11	42,400	16			5,003	71,750	96,850
Linn	42	67,475	86		3	22,310	179,877	243,401
Lyon	54	247,024	231	7	10	69,204	305,010	435,000
McPherson	28	52,400	48		2	12,643	72,425	104,222
Marion	34	64,845	62		3	18,252	158,858	223,101
Marshall	53	310,637	193	29	17	69,142	467,831	668,011
Meade (a)								
Miami	60	95,695	154	5	15	40,214	209,622	318,287
Mitchell	40	130,500	119		2	45,033	257,689	352,951
Montgomery	44	108,625	104	3	2	27,436	221,573	289,822
Morris	32	63,850	63		3	20,102	108,380	154,640
Nemaha	58	84,930	85	1	4	29,808	110,976	198,165
Neosho	43	104,665	84			17,092	180,230	237,123
Ness (a)								
Norton	9	23,900	14			3,527	21,575	29,578
Osage	62	100,100	136	3	7	33,837	163,875	255,394
Osborne	13	36,925	33		1	4,613	68,535	85,878
Ottawa	17	26,650	21			6,931	75,385	96,781
Pawnee	24	26,450	47			11,150	36,075	73,755
Phillips	24	48,922	64	2	1	14,182	113,655	150,683
Pottawatomie	51	120,415	59	4	1	18,158	82,238	137,419
Pratt	1	10,000	3			700	20,000	24,000
Rawlins	1	645	2			875	600	2,400
Reno	28	70,765	60		3	14,748	182,696	226,740
Republic	24	31,975	29			7,850	50,652	76,388
Rice	7	5,600	7			2,250	4,550	11,110
Riley	20	46,750	34			10,007	29,420	52,162
Rooks	2	2,050	4			850	4,400	8,000
Rush	3	750	1			25	450	1,725
Russell	14	51,975	36			12,403	184,609	224,120
Saline	38	239,000	138	1	1	43,948	332,813	484,697
Scott (a)								
Sedgwick	48	259,525	164	2	12	73,724	655,785	821,092
Sequoyah (a)								
Seward (a)								
Shawnee	113	745,560	782	45	64	306,507	1,154,149	1,720,891
Sheridan (a)								
Sherman (a)								
Smith	11	15,055	16			3,894	65,340	81,980
Stafford (a)								
Stanton (a)								
Stevens (a)								
Sumner	60	127,110	127	6	2	41,687	213,768	322,228
Thomas (a)								
Trego	2	8,500	4			1,522	11,846	15,366
Wabaunsee	18	44,850	23	3	3	4,515	21,887	36,511
Wallace (a)								
Washington	54	71,050	72		5	18,555	81,701	135,381

a Returned as having no manufactures.

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

A—KANSAS, BY TOTALS OF COUNTIES—Continued.

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.
Wichita (a)								
Wilson	50	$92,125	145		5	$28,526	$108,748	$245,357
Woodson	14	35,300	20	1	5	5,863	40,394	58,199
Wyandotte	54	1,993,325	1,659		136	494,911	4,961,180	6,625,229

a Returned as having no manufactures.

B—KANSAS, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,803	$11,192,315	11,139	392	531	$3,995,010	$21,453,141	$30,843,777
Agricultural implements	14	72,450	102		1	27,902	25,063	73,477
Artificial limbs	1	500	2			900	600	2,000
Bags, other than paper	1	18,000	10	10	8	5,000	82,500	100,000
Baking and yeast powders (see also Drugs and chemicals)	1	5,000	2	1		1,164	5,000	8,000
Blacksmithing (see also Wheelwrighting)	567	293,857	607		18	194,206	263,183	816,156
Bookbinding and blank-book making	2	10,270	12	4		7,027	10,328	21,440
Boots and shoes, including custom work and repairing	212	122,235	295	2	8	104,085	161,314	402,670
Boxes, cigar	1	7,000	8			4,000	12,000	25,000
Boxes, fancy and paper	1	500	1		5	1,872	1,500	4,000
Brass castings	1	3,000	5			2,000	2,000	5,000
Bread and other bakery products	42	58,925	75	3	3	31,481	89,295	157,816
Brick and tile	103	125,825	948	19	79	174,111	90,935	355,668
Bridges	2	26,800	29			11,620	44,000	67,065
Brooms and brushes	20	18,625	53		9	13,231	22,871	50,092
Carpentering	246	223,020	891	1	7	389,245	1,056,004	1,799,648
Carpets, rag	5	1,380	4	4	1	1,310	1,853	5,026
Carriages and wagons (see also Wheelwrighting)	23	247,500	587			217,364	357,920	745,800
Cement	1	1,000	9			2,300	2,000	5,000
Cheese and butter (factory)	48	81,765	70	12	6	10,420	43,859	72,783
Clothing, men's	46	76,300	149	40		82,818	124,175	275,349
Coffee and spices, roasted and ground	2	2,450	6			3,125	8,150	13,890
Coffins, burial cases, and undertakers' goods	5	17,300	6			3,082	4,000	10,300
Confectionery	12	26,450	40	3	4	20,013	58,300	138,750
Cooperage	16	35,550	137			30,527	77,415	138,506
Cordage and twine	1	2,000	5		3	1,000	5,000	9,000
Dentistry, mechanical	1	600	1			501	1,071	2,720
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	1	30,000	8	3	5	1,200	15,000	22,500
Dyeing and cleaning	1	400	1	1		546	300	1,000
Engraving, wood	1	1,000	2			1,950	500	2,933
Fancy articles	2	6,000	10		7	5,568	10,100	19,500
Fertilizers	1	15,000	8			500	2,000	5,000
Flax, dressed	1	1,800	2			1,300	750	3,000
Flouring- and grist-mill products	320	3,935,828	1,329		3	520,300	10,286,121	11,858,022
Foundery and machine-shop products	25	463,300	563		6	304,874	380,208	889,204
Fruit and vegetables, canned and preserved	4	45,700	22	106	25	20,000	24,500	58,000
Furniture (see also Mattresses and spring beds; Upholstering)	75	282,245	377	2	15	153,432	232,300	512,089
Glue	1	2,500	3			1,169	250	2,400
Grease and tallow	1	4,000	3			1,300	13,000	19,000
Grindstones	2	1,100	6			990	350	1,800
Hardware	2	5,600	3			1,000	650	5,000
Iron and steel	2	450,000	570		60	166,500	734,245	1,004,100
Leather, curried	1	333	1			200	1,361	1,813
Leather, dressed skins	1	2,000	4	1		2,500	500	6,000
Leather, tanned	2	1,167	3			1,126	5,175	7,452
Lime	10	23,600	57		1	18,762	21,087	58,120
Liquors, distilled	1	25,000	4			1,350	14,750	22,000
Liquors, malt	30	463,500	102	2		35,338	133,291	240,120
Liquors, vinous (see also Liquors, distilled)	2	1,200	3	1		75	400	1,300
Lock- and gun-smithing	7	9,800	6			3,350	2,750	10,300
Looking-glass and picture frames	1	1,000	3			1,404	800	2,644
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	4	48,500	40		3	12,860	35,500	59,500
Lumber, sawed	146	262,975	507		9	66,757	447,449	682,697
Marble and stone work	31	62,900	196			75,880	60,885	205,500
Masonry, brick and stone	17	27,750	92		1	33,078	52,210	98,292
Mattresses and spring beds (see also Furniture)	8	27,790	14	6	2	5,785	40,203	61,450
Mineral and soda waters	4	10,000	10			3,900	4,000	11,200
Musical instruments and materials (not specified)	1	150	1			360	125	1,500
Oil, castor	1	2,000	3			900	6,000	7,500
Oil, linseed	3	29,000	20			9,200	90,400	110,000
Painting and paperhanging	28	28,510	66		2	24,558	39,988	85,424
Paints	1	1,000					920	1,500
Paper	1	22,000	6	3		584	1,450	3,050
Patent medicines and compounds (see also Drugs and chemicals)	2	40,300	18	13	1	9,666	15,200	51,000
Perfumery and cosmetics	1	15,000	22			9,185	15,000	50,000
Photographing	11	8,350	11	2		4,585	4,800	17,050
Plumbing and gasfitting	2	6,000	8			3,400	13,000	18,000
Printing and publishing	50	289,565	353	75	79	197,862	212,359	519,597
Pumps, not including steam pumps	2	3,000	3			1,924	7,000	13,024
Saddlery and harness	176	338,605	403	2	6	155,877	468,383	895,934
Salt	1	6,000	2			700	710	5,700

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

B—KANSAS, 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.			
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	5	$11,500	22	.....	.....	$10,438	$19,300	$36,100
Sewing machines and attachments	3	1,700	2	.....	.....	425	650	2,700
Shipbuilding	1	1,000	8	.....	3	1,900	28,000	26,000
Shirts	2	5,000	10	28	3	5,500	9,215	18,570
Silk and silk goods	1	9,500	1	.....	1	250	150	540
Silversmithing	3	1,100	1	.....	.....	400	600	2,700
Slaughtering and meat-packing, not including retail butchering establishments.	14	1,669,400	1,017	.....	53	263,600	4,320,802	5,618,714
Soap and candles	10	51,200	37	2	1	14,175	125,800	174,158
Stone- and earthen-ware	5	8,150	19	1	.....	3,200	1,561	8,780
Tinware, copperware, and sheet-iron ware	143	299,675	296	.....	3	135,939	332,617	629,603
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	1	3,500	4	.....	3	1,200	3,500	5,700
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	55	170,100	266	4	35	124,007	246,732	479,089
Trunks and valises	1	3,000	4	.....	.....	1,925	8,000	11,000
Upholstering (see also Furniture)	1	4,900	4	1	.....	1,300	2,450	4,500
Vinegar	3	9,700	8	.....	.....	3,178	11,400	17,942
Washing-machines and clothes-wringers	1	120	.....	.....	.....	.....	225	500
Watch and clock repairing	10	74,300	18	.....	2	5,880	6,990	22,100
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	160	108,675	177	.....	6	56,835	99,042	204,909
Wire	2	10,500	10	.....	.....	2,698	19,400	28,400
Wirework	5	11,200	46	.....	20	17,416	64,982	108,208
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	2	1,400	3	.....	.....	1,400	2,150	5,500
Wooden ware	1	15,000	12	.....	6	3,500	5,000	16,000
Woolen goods	5	131,925	66	40	18	25,825	107,251	211,525
Zinc	2	110,000	180	.....	.....	110,000	90,000	254,000

A—KENTUCKY, BY TOTALS OF COUNTIES.

The State	5,328	$45,813,039	30,949	3,529	2,913	$11,657,844	$47,461,890	$75,483,377
COUNTIES.								
Adair	29	34,700	66	.....	.....	5,878	45,921	66,803
Allen	35	59,100	97	4	2	20,276	102,086	148,035
Anderson	40	283,900	162	.....	3	47,615	411,765	606,300
Ballard	27	49,800	89	.....	.....	12,817	51,842	93,501
Barren	76	125,297	193	.....	6	39,535	210,740	317,906
Bath	49	75,625	74	10	1	20,783	72,301	132,525
Bell	1	500	1	.....	.....	100	475	800
Boone	53	295,165	107	3	6	30,896	323,569	506,233
Bourbon	78	466,825	264	3	8	94,175	439,380	711,235
Boyd	60	1,601,100	632	6	164	314,206	867,904	1,495,694
Boyle	52	113,105	143	.....	8	40,798	136,918	229,542
Bracken	32	50,575	61	.....	1	13,883	170,130	225,213
Breathitt	3	4,100	13	.....	.....	1,600	5,483	8,400
Breckinridge	50	77,800	105	.....	5	15,822	105,002	156,335
Bullitt	38	94,775	127	.....	1	27,900	127,065	202,940
Butler	10	22,050	57	.....	4	12,360	38,242	59,520
Caldwell	24	57,665	53	.....	10	13,633	94,942	134,495
Calloway	25	32,325	36	.....	1	6,590	114,750	137,209
Campbell	124	1,901,015	1,818	85	118	765,859	2,918,561	4,587,675
Carroll	39	256,155	150	53	64	48,875	252,003	384,825
Carter	7	195,100	332	.....	30	104,320	99,815	164,508
Casey	32	79,985	90	.....	2	27,535	93,705	155,349
Christian	76	298,200	284	.....	9	85,978	518,695	714,052
Clark	60	93,280	90	.....	9	13,543	78,232	131,700
Clay	2	13,500	25	.....	.....	7,050	5,550	15,725
Clinton	14	26,700	23	.....	3	4,315	33,612	45,234
Crittenden	22	30,241	29	.....	1	4,093	32,588	47,609
Cumberland	4	5,200	.....	.....	.....	.....	12,632	14,023
Daviess	132	1,350,113	606	74	99	258,258	1,158,407	1,915,132
Edmonson	3	5,050	7	.....	.....	2,050	17,095	22,757
Elliott	4	3,700	11	.....	.....	616	9,070	11,141
Estill	11	152,700	267	.....	.....	32,641	29,771	52,712
Fayette	112	929,426	631	9	92	280,216	1,035,385	1,701,867
Fleming	65	112,316	81	2	.....	15,355	208,849	270,708
Floyd	2	5,300	3	.....	.....	600	4,800	6,700
Franklin	79	1,087,575	484	10	57	175,534	988,408	1,491,589
Fulton	14	76,100	115	.....	4	42,000	113,125	201,150
Gallatin	16	26,400	22	.....	.....	4,800	31,490	49,005
Garrard	34	72,425	49	.....	.....	15,544	81,525	130,231
Grant	78	105,915	113	1	2	24,192	196,605	288,243
Graves	62	135,460	170	7	18	28,177	221,624	299,220
Grayson	25	49,750	78	1	.....	10,950	83,445	117,770
Green	26	37,600	36	.....	.....	3,775	42,120	56,918
Greenup	25	1,311,810	893	.....	50	172,215	212,596	287,069
Hancock	20	30,900	57	.....	.....	14,011	24,953	55,865
Hardin	82	126,299	173	2	9	33,475	245,187	369,731
Harlan (a)	.....	.....	.....	.....	.....	.....	.....	.....
Harrison	63	637,015	166	.....	4	54,217	445,946	652,602
Hart	53	85,530	97	.....	5	11,017	99,199	140,492
Henderson	43	174,280	131	.....	7	38,125	254,377	364,094

a Returned as having no manufactures.

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

A—KENTUCKY, 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.			
Henry	74	$167,431	134	.....	2	$33,130	$157,790	$256,145
Hickman	29	51,668	92	.....	4	22,760	147,960	207,531
Hopkins	32	76,125	96	.....	8	17,782	52,342	106,892
Jackson (a)	.....	.....	.....	.....	.....	.....	.....	.....
Jefferson	1,155	21,918,138	13,651	2,829	1,157	5,879,999	21,899,470	35,748,328
Jessamine	61	176,380	146	.....	22	52,354	407,166	561,340
Johnson	6	8,900	4	.....	.....	370	3,235	5,970
Kenton	213	3,223,391	2,271	223	453	1,038,823	3,960,427	5,912,480
Knox	11	7,750	16	.....	.....	1,632	8,000	11,960
La Rue	23	61,900	66	.....	6	19,851	68,944	97,238
Laurel	5	8,000	6	.....	.....	1,666	23,466	31,359
Lawrence	8	15,762	20	.....	8	7,080	26,531	40,568
Lee (a)	.....	.....	.....	.....	.....	.....	.....	.....
Leslie (a)	.....	.....	.....	.....	.....	.....	.....	.....
Letcher (a)	.....	.....	.....	.....	.....	.....	.....	.....
Lewis	68	127,905	242	9	25	49,682	167,734	313,888
Lincoln	61	110,285	113	5	10	25,947	116,166	174,819
Livingston	16	24,225	40	.....	.....	10,308	59,100	90,883
Logan	72	255,400	195	3	18	53,368	514,025	667,368
Lyon	13	586,700	330	.....	6	107,550	79,808	181,905
McCracken	87	666,375	689	17	81	288,750	805,158	1,346,151
McLean	11	28,250	27	8	5	6,910	33,720	54,680
Madison	47	427,980	247	.....	6	74,301	583,390	811,534
Magoffin	5	12,200	11	.....	.....	1,375	10,650	15,800
Marion	50	298,337	168	1	5	58,735	551,596	747,292
Marshall	6	10,300	9	.....	.....	1,075	9,355	13,054
Martin	3	800	4	.....	.....	400	800	2,550
Mason	47	865,600	499	43	99	196,630	707,007	1,222,114
Meade	33	245,130	103	38	39	33,465	186,848	267,716
Menifee	7	6,775	16	.....	1	2,815	13,740	23,026
Mercer	81	205,400	129	.....	.....	41,425	243,197	389,608
Metcalfe	12	21,650	29	.....	1	5,910	24,006	36,607
Monroe	26	57,315	36	.....	.....	6,862	52,815	76,205
Montgomery	56	80,145	107	3	.....	30,354	64,207	132,056
Morgan	8	12,700	11	.....	4	3,400	8,223	15,016
Muhlenburgh	36	53,875	107	6	23	18,111	54,122	99,448
Nelson	80	913,015	279	3	6	96,846	839,941	1,298,396
Nicholas	45	50,090	70	.....	6	18,164	163,462	232,137
Ohio	22	53,680	58	.....	6	11,421	53,565	85,451
Oldham	40	56,875	50	1	3	9,869	79,620	115,061
Owen	59	61,035	67	1	4	15,255	94,269	145,390
Owsley	8	7,700	14	.....	.....	1,245	43,480	55,877
Pendleton	61	166,530	101	.....	8	26,388	173,158	255,075
Perry (a)	.....	.....	.....	.....	.....	.....	.....	.....
Pike	9	11,050	15	.....	.....	1,610	23,170	30,452
Powell	5	10,300	17	.....	.....	5,365	21,260	31,670
Pulaski	34	91,570	97	.....	5	28,363	140,698	212,532
Robertson	15	14,350	12	.....	1	1,265	30,180	39,305
Rockcastle	16	39,875	57	1	1	20,630	123,570	185,248
Rowan (a)	.....	.....	.....	.....	.....	.....	.....	.....
Russell	7	7,700	8	.....	1	1,475	15,110	20,230
Scott	52	133,200	121	.....	4	36,123	166,699	267,588
Shelby	70	134,225	116	.....	.....	31,442	265,785	369,295
Simpson	35	74,685	71	1	8	13,115	198,933	249,752
Spencer	15	27,100	28	.....	.....	3,024	73,675	89,361
Taylor	39	34,800	63	.....	.....	10,946	99,045	152,165
Todd	40	63,725	83	.....	7	17,355	235,299	293,812
Trigg	28	249,800	55	.....	.....	14,755	102,790	137,719
Trimble	9	113,000	38	.....	2	11,930	133,124	177,305
Union	16	41,550	39	2	.....	13,522	44,640	72,480
Warren	54	412,580	207	62	56	96,282	281,912	501,698
Washington	62	103,225	90	.....	.....	16,795	179,597	240,300
Wayne	20	40,750	21	.....	.....	4,358	54,977	72,342
Webster	19	20,060	36	.....	2	6,235	47,647	67,112
Whitley	7	22,000	16	.....	.....	3,283	29,472	40,089
Wolfe	10	21,605	18	.....	.....	2,425	22,795	30,825
Woodford	69	215,725	177	3	7	56,275	282,134	438,815

a Returned as having no manufactures.

B—KENTUCKY, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	5,328	$45,813,039	30,949	3,529	2,913	$11,657,844	$47,461,890	$75,483,377
Agricultural implements	86	2,296,037	999	10	24	364,385	823,392	1,647,116
Artificial limbs	1	2,500	.....	.....	.....	.....	1,000	2,800
Awnings and tents	3	15,400	15	109	2	10,500	37,800	59,650
Axle-grease	1	2,000	4	.....	.....	2,500	10,000	15,000
Bagging, flax, hemp, and jute	1	150,000	35	105	10	28,500	150,000	213,500
Baking and yeast powders (see also Drugs and chemicals)	2	11,000	7	3	.....	4,604	22,000	38,000
Baskets, rattan and willow ware	10	3,600	6	2	3	2,046	2,355	9,520
Bells	2	26,000	15	.....	.....	5,460	12,800	34,300
Belting and hose, leather	2	19,000	5	.....	.....	3,300	17,000	30,000
Blacksmithing (see also Wheelwrighting)	884	424,324	924	1	15	243,604	355,244	1,104,527

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

B—KENTUCKY, 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	1	$2,000	4	3	1	$1,500	$4,000	$7,500
Bookbinding and blank-book making	4	50,900	33	23	.....	21,040	54,150	98,800
Boot and shoe uppers	5	14,050	23	11	.....	18,857	69,600	102,980
Boots and shoes, including custom work and repairing	342	466,152	801	139	38	341,129	582,377	1,246,044
Boxes, cigar	3	5,500	7	7	3	5,500	14,040	23,600
Boxes, fancy and paper	1	6,000	4	40	1	5,500	5,500	20,000
Boxes, wooden, packing	8	61,022	65	.....	5	30,772	62,572	121,350
Brass castings	6	69,600	52	.....	9	20,020	80,020	114,276
Bread and other bakery products	128	287,325	274	35	14	101,088	495,144	795,901
Brick and tile (see also Drain and sewer pipe)	115	302,175	1,162	1	216	233,702	145,503	506,705
Bridges	1	250,000	110	.....	15	70,000	180,000	300,000
Brooms and brushes	15	20,175	60	9	2	25,410	41,000	87,580
Buttons	1	2,000	1	2	.....	900	1,400	3,700
Carpentering	190	342,975	796	.....	12	322,266	802,962	1,525,994
Carpets, rag	2	325	1	.....	.....	100	1,500	2,000
Cars, railroad, street, and repairs	2	6,000	37	.....	.....	17,500	14,775	39,500
Carriage and wagon materials	7	128,140	209	.....	18	69,352	48,865	153,043
Carriages and sleds, children's	1	25,000	25	5	5	13,246	33,653	55,899
Carriages and wagons (see also Wheelwrighting)	95	726,950	898	2	24	376,422	716,940	1,474,475
Cement	2	375,000	147	.....	.....	25,090	111,000	145,000
Cheese and butter (factory)	8	20,100	11	2	1	1,200	7,854	14,178
Clothing, men's	69	767,700	876	825	40	351,616	820,611	1,506,668
Clothing, women's	3	45,000	2	220	25	53,300	275,600	388,900
Coffee and spices, roasted and ground	4	59,500	25	.....	8	22,892	217,500	296,953
Coffins, burial cases, and undertakers' goods	17	119,900	77	3	.....	30,745	46,600	134,775
Confectionery	26	188,925	110	19	5	46,414	181,099	318,540
Cooperage	113	410,815	947	.....	13	394,796	573,496	1,243,930
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	3	16,550	17	.....	.....	7,290	51,700	74,600
Cordage and twine	9	137,900	155	.....	62	72,923	213,120	354,750
Cork cutting	1	12,000	10	5	7	3,500	18,000	24,000
Cutlery and edge tools (see also Hardware)	5	54,600	73	.....	1	31,079	28,600	75,350
Cotton goods (see also Mixed textiles)	4	365,000	128	94	133	64,550	259,818	426,286
Dentistry, mechanical	10	32,500	8	.....	.....	6,075	14,700	49,500
Drain and sewer pipe (see also Brick and tile)	2	26,000	20	.....	2	8,500	11,700	32,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	7	46,500	23	.....	13	9,770	27,250	61,500
Dyeing and cleaning	4	11,550	4	3	.....	2,300	1,750	9,970
Dyeing and finishing textiles	2	5,000	3	3	.....	1,716	1,300	6,420
Electrical apparatus and supplies	1	1,500	2	.....	.....	750	1,600	4,300
Electroplating	1	2,000	4	.....	.....	1,600	700	4,400
Fertilizers	2	2,500	10	.....	.....	3,950	2,400	9,200
Files (see also Saws)	1	6,000	7	.....	.....	3,150	1,800	6,000
Flax, dressed	8	163,000	130	.....	70	61,700	419,000	536,700
Flouring- and grist-mill products	652	3,685,759	1,478	.....	7	336,419	8,406,422	9,604,147
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	50	2,283,350	1,992	.....	39	763,392	1,090,171	3,013,679
Fruits and vegetables, canned and preserved	2	1,800	.....	.....	.....	.....	1,400	6,000
Furniture (see also Mattresses and spring beds; Upholstering)	50	542,950	687	5	38	261,550	430,605	949,810
Furniture, chairs	15	136,100	197	12	49	89,236	123,585	257,820
Glass	5	795,000	364	11	147	150,322	134,104	588,405
Glass, cut, stained, and ornamented	1	6,000	5	.....	.....	3,047	5,000	10,000
Glue	2	70,000	40	.....	5	8,345	4,460	54,000
Gold and silver leaf and foil	1	500	2	.....	.....	850	1,000	2,200
Grease and tallow	2	18,000	5	.....	.....	2,450	109,482	137,600
Hairwork	6	8,400	.....	8	.....	2,431	10,265	25,600
Handles, wooden	10	72,100	215	.....	13	68,845	139,148	305,986
Hardware (see also Cutlery and edge tools)	5	18,150	30	.....	2	10,132	10,025	30,333
Hats and caps, not including wool hats	2	1,900	1	2	1	750	1,600	3,000
Ice, artificial	1	15,000	100	50	.....	5,000	2,000	14,000
Ink	3	9,500	9	2	.....	3,908	5,600	11,800
Instruments, professional and scientific	3	11,500	6	.....	.....	3,820	1,800	11,000
Iron and steel	29	5,493,035	3,831	.....	264	1,344,400	3,223,799	5,090,029
Iron bolts, nuts, washers, and rivets	1	20,000	12	.....	.....	4,232	8,965	17,258
Iron nails and spikes, cut and wrought	1	25,000	13	.....	.....	4,680	16,148	32,060
Iron forgings	1	25,000	26	.....	6	10,954	26,400	41,355
Iron railings, wrought	3	7,500	26	.....	.....	8,200	10,560	25,480
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	6	36,000	37	.....	.....	14,454	27,440	59,993
Jewelry	11	32,899	37	2	1	18,346	36,584	67,850
Labels and tags	1	600	3	.....	1	1,460	1,200	3,000
Lapidary work	1	100	.....	.....	.....	.....	50	600
Leather, curried	46	109,400	112	.....	.....	33,263	554,247	687,883
Leather, tanned	63	1,741,430	516	1	11	204,345	1,799,047	2,511,960
Lightning rods	1	2,000	3	.....	.....	2,000	5,000	10,000
Lime	4	42,220	40	.....	.....	1,900	4,817	9,837
Liquors, distilled	215	6,345,922	1,414	3	13	560,121	5,453,575	8,261,018
Liquors, malt	30	1,260,944	435	1	3	209,143	897,522	1,491,659
Liquors, vinous (see also Liquors, distilled)	2	1,250	3	.....	5	700	400	2,400
Lithographing (see also Printing and publishing)	4	26,200	43	12	10	22,324	22,526	59,270
Lock- and gun-smithing	7	4,025	12	.....	.....	5,058	12,650	23,800
Looking-glass and picture frames	5	4,102	9	.....	.....	2,980	4,910	13,540
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	21	444,268	432	.....	7	184,187	540,197	950,638
Lumber, sawed	670	2,299,558	2,506	1	94	671,939	2,410,742	4,064,361
Malt	2	89,000	26	.....	1	19,000	350,000	510,000
Marble and stone work	45	186,775	281	.....	.....	132,409	200,300	496,980
Masonry, brick and stone	12	52,200	146	.....	7	56,874	79,889	172,359
Mattresses and spring beds (see also Furniture)	18	23,850	46	6	.....	19,051	47,555	94,150
Millinery and lace goods	7	61,000	3	79	5	20,240	96,600	149,000

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

B—KENTUCKY, 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			
Mineral and soda waters	11	$25,400	25		5	$10,697	$13,550	$39,393
Mixed textiles (see also Cotton goods; Woolen goods)	5	615,000	137	210	161	135,948	579,176	869,329
Models and patterns	1	700	3			1,944	300	3,500
Musical instruments, organs and materials	1	25,000	10		2	3,050	9,000	20,000
Musical instruments, pianos and materials	5	40,700	26			12,833	13,800	42,200
Nets and seines	1	250		2		50	500	1,200
Oil, linseed	1	75,000	12			4,500	50,000	70,000
Oleomargarine	1	400,000	75		10	10,000	200,000	250,000
Painting and paperhanging	45	44,890	177		5	68,333	81,670	204,771
Paints	2	10,800	11			4,880	20,900	34,000
Paper	2	600,000	172	113	10	82,460	303,670	619,422
Patent medicines and compounds (see also Drugs and chemicals)	12	144,850	36	10	5	15,320	168,650	303,400
Photographing	15	32,800	39	6	2	23,556	31,000	84,483
Pickles, preserves, and sauces	3	4,500	9	5		1,180	7,520	10,800
Plumbing and gasfitting	18	38,650	84		3	36,060	54,821	126,475
Printing and publishing (see also Lithographing)	48	1,401,700	740	106	86	452,113	476,214	1,289,316
Pumps, not including steam pumps	6	27,250	32		2	15,160	15,010	43,789
Refrigerators	2	7,000	8		5	5,800	6,875	17,800
Roofing and roofing materials	8	16,300	26		2	11,687	32,700	58,350
Saddlery and harness	104	582,865	600	20	32	261,543	753,346	1,370,885
Salt	3	20,500	34			8,750	9,008	21,950
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	4	148,350	71		3	27,300	121,280	166,595
Saws	1	8,000	4			2,566	1,000	8,500
Scales and balances	1	10,000	7			3,000	6,000	16,500
Shingles, split	25	10,350	100	9	19	5,975	13,375	27,452
Shipbuilding	11	88,450	157			92,171	126,550	243,015
Shirts	8	64,300	9	100		19,594	30,774	65,315
Show-cases	3	2,100	6		2	1,950	2,650	6,900
Slaughtering and meat-packing, not including retail butchering establishments.	31	2,229,500	389		8	150,576	3,644,059	4,598,888
Soap and candles	5	333,740	72	27		20,700	324,881	393,325
Sporting goods	4	15,200	17	70	5	12,700	10,650	37,075
Stationery goods	1	1,000	1		2	700	2,000	3,000
Stencils and brands	2	7,100	12			7,176	4,175	13,000
Stereotyping and electrotyping	1	5,000	7			3,900	2,500	7,000
Stone- and earthen-ware	13	18,100	52		7	13,610	8,950	33,850
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	127	320,965	344	1	12	149,656	402,866	772,488
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	28	1,009,800	1,059	530	382	344,219	2,232,630	3,734,835
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	107	356,964	560	69	160	220,949	380,007	982,514
Tobacco stemming	20	541,158	138	81	116	67,656	495,529	629,530
Toys and games	1	8,000	4	2		2,700	9,500	16,000
Trunks and valises	8	60,400	100		17	45,101	74,500	167,700
Umbrellas and canes	1	750	1	3	1	1,400	2,000	5,000
Upholstering (see also Furniture)	7	14,500	14	5		6,164	24,550	43,200
Vinegar	5	47,000	24			8,516	76,805	112,000
Watch and clock repairing	12	7,130	16			3,500	2,175	17,790
Watch cases	1	500,000	200	20	55	150,000	500,000	800,000
Wheelbarrows	1	1,200	1		2	624	1,000	3,000
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	199	142,140	252	1	6	78,659	110,192	336,120
Wirework	4	56,200	197	10	7	31,700	70,704	126,785
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	8	93,700	62		36	36,209	51,456	116,907
Woolen goods (see also Mixed textiles)	98	890,750	353	253	217	166,180	852,405	1,264,988

A—LOUISIANA, BY TOTALS OF PARISHES.

The State	1,553	$11,462,468	10,171	1,335	661	$4,360,371	$14,442,506	$24,205,183
PARISHES.								
Ascension	11	21,000	39		7	10,150	21,060	45,250
Assumption	24	13,400	46		4	10,870	9,192	31,075
Avoyelles	20	30,450	34		7	6,350	12,650	30,050
Bienville	1	1,500	1			200	875	1,500
Bossier	17	22,600	27			3,055	20,806	36,608
Caddo	20	201,810	223		12	57,405	198,217	328,623
Calcasieu	21	122,800	160		16	52,540	283,430	401,825
Caldwell	2	2,350	4			375	2,156	3,500
Cameron (a)								
Catahoula	3	7,400	9			1,875	11,500	16,000
Claiborne	31	52,431	64			10,143	60,588	92,321
Concordia	1	500	1			400	1,000	2,000
De Soto	7	12,500	9			1,520	9,650	15,970
East Baton Rouge	18	45,850	88		9	24,400	43,250	91,800
East Carroll	3	4,000	10			1,005	1,900	4,100
East Feliciana	11	24,000	92			5,110	17,825	36,300
Franklin	1	3,000	5			300	1,000	2,000
Grant (a)								
Iberia	37	321,450	140		5	37,142	60,095	183,574
Iberville	28	54,375	82		1	17,995	63,810	122,350

a Returned as having no manufactures.

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

A—LOUISIANA, BY TOTALS OF PARISHES—Continued.

Parishes.	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.			
Jackson (a)								
Jefferson	10	$665,550	439	4	5	$126,365	$530,710	$821,441
La Fayette	22	9,550	17		1	3,670	8,921	22,170
Lafourche	16	78,950	81			21,450	38,205	90,150
Lincoln	19	24,705	37			3,476	32,544	45,063
Livingston	5	22,500	22		3	4,300	27,150	41,700
Madison	1	8,000	9			1,500	14,000	18,000
Morehouse	16	32,800	51		1	7,385	22,056	42,850
Natchitoches	5	10,000	17			2,950	8,130	15,800
Orleans	915	8,565,303	7,666	1,286	552	3,717,557	10,771,892	18,808,096
Ouachita	9	33,700	31		2	9,850	35,225	56,375
Plaquemines	1	500	1			280	200	620
Point Coupée	25	15,220	33			5,580	22,905	43,400
Rapides	15	24,599	33			7,870	38,785	57,405
Red River	12	32,650	20			2,680	20,550	29,673
Richland	2	9,000	9			1,250	6,350	10,000
Sabine	1	2,500	1			300	1,100	2,000
Saint Bernard	6	548,500	39	11	2	25,684	1,430,740	1,648,300
Saint Charles (a)								
Saint Helena	15	16,400	29			2,675	36,515	51,332
Saint James	10	11,700	34		3	6,394	5,075	17,800
Saint John Baptist	5	3,900	12			2,800	1,725	6,386
Saint Landry	76	65,200	106			21,379	65,680	132,948
Saint Martin	5	12,500	16			4,925	39,350	50,800
Saint Mary	17	62,950	95		2	26,860	138,645	206,845
Saint Tammany	12	12,450	53		3	12,530	33,500	55,100
Tangipahoa	9	174,100	156	30	21	69,870	208,211	334,800
Tensas (a)								
Terrebonne	29	34,225	95	4	4	12,837	35,065	69,290
Union	13	14,350	32		1	6,374	9,261	27,196
Vermillion	7	5,100	23			3,487	4,600	10,728
Vernon	3	4,100	6			597	3,600	6,000
Washington (a)								
Webster	4	6,600	14			1,752	6,382	11,920
West Baton Rouge	6	9,950	15			3,159	9,500	18,300
West Carroll	1	2,000	8			1,000	6,500	10,000
West Feliciana (a)								
Winn	1	1,500	7			750	1,430	3,690

a Returned as having no manufactures.

B—LOUISIANA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,553	$11,462,468	10,171	1,335	661	$4,360,871	$14,442,506	$24,205,183
Agricultural implements	1	3,000	5			600	650	2,000
Bags, other than paper	2	900	5			1,124	1,850	4,800
Baskets, rattan and willow ware	2	2,200	7		1	3,384	2,900	10,200
Blacksmithing (see also Wheelwrighting)	191	94,035	271	1	12	103,233	100,099	334,888
Bookbinding and blank-book making	6	11,000	16		3	10,211	5,520	24,369
Boot and shoe findings	9	57,200	40	2	6	20,270	98,932	171,680
Boots and shoes, including custom work and repairing	85	50,700	281		6	120,052	184,659	392,732
Boxes, fancy and paper	4	14,600	41	12	46	29,483	59,400	125,928
Boxes, wooden, packing	4	15,200	15	12	6	7,572	10,220	25,200
Brass castings	2	3,200	11		1	2,400	650	5,000
Bread and other bakery products	101	109,920	319	8	17	121,060	542,150	983,960
Brick and tile	31	87,425	305	13	40	68,626	30,067	133,265
Brooms and brushes	8	14,750	67		3	23,195	90,532	137,270
Carpentering	40	67,325	276		4	141,494	232,000	456,500
Carriages and wagons (see also Wheelwrighting)	12	46,200	118		6	60,546	52,200	156,700
Cars, railroad, street, and repairs	1	3,000	15			3,000	6,000	10,000
Coffee and spices, roasted and ground	3	1,300	3		1	1,524	9,510	11,876
Coffins, burial cases, and undertakers' goods	7	2,900	9			2,911	4,122	13,866
Clothing, men's	34	190,375	276	628	30	175,971	743,907	1 079,559
Clothing, women's	6	83,000	2	278		43,875	113,353	189,278
Confectionery	21	132,800	86	11	17	33,754	274,571	393,040
Cooperage	124	120,395	423		1	151,830	155,486	419,074
Cordage and twine	2	6,000	7		7	4,095	12,000	24,000
Cordials and sirups	4	48,000	30			11,966	43,000	82,000
Cork cutting	1	30,000	14			4,000	20,000	30,000
Cotton compressing	19	2,135,000	560			399,780	105,788	747,590
Cotton goods	2	195,000	39	41	24	12,572	72,470	86,776
Cutlery and edge tools (see also Hardware)	2	400	1			180	125	1,350
Dentistry, mechanical	3	9,200	6		3	5,350	8,250	20,150
Drugs and chemicals (see also Patent medicines and compounds)	7	16,700	13			4,190	8,850	22,750
Dyeing and cleaning	12	6,925	13	3	1	5,080	3,890	22,850
Fertilizers	2	99,000	64	14		25,796	89,258	192,734
Flags and banners	1	1,800		3		1,500	3,000	6,000
Flouring- and grist-mill products	84	176,380	107			22,245	397,440	489,848
Food preparations (see page 39)	4	16,000	12	1	3	5,328	19,600	47,880
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	31	910,625	916	30	31	480,896	777,000	1,554,485
Fruits and vegetables, canned and preserved	1	40,000	20		30	12,000	70,000	115,000
Furniture (see also Mattresses and spring beds; Upholstering)	37	39,676	70	1	6	33,501	37,429	113,418
Galvanizing	3	700	1			360	700	3,050
Gold and silver, reduced and refined (not from the ore)	1	5,000	3			1,200	20,000	30,000

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

B—LOUISIANA, 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	$20,000	3			$1,500	$35,000	$75,000
Hairwork	7	6,200	6	6		3,592	7,200	18,400
Hammocks	1	300		5		700	6,835	8,852
Hardware (see also Cutlery and edge tools)	2	2,500	5			1,000	2,600	5,000
Ice, artificial	4	449,500	90			41,350	54,610	166,750
Instruments, professional and scientific	3	1,600	3			1,260	1,700	5,460
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	3	1,800	10			3,477	4,200	14,500
Japanning	1	100					125	675
Leather, curried	4	3,050	3			1,028	16,342	20,366
Leather, tanned	10	9,300	13		2	2,941	14,984	28,470
Liquors, distilled	2	8,500	2			240	1,925	2,925
Liquors, malt	9	160,613	114			55,092	295,778	458,459
Lithographing (see also Printing and publishing)	3	2,000	8			4,500	3,250	13,500
Lock- and gun-smithing	16	3,850	12			3,000	2,405	14,370
Looking-glass and picture frames	5	7,050	6		1	2,892	8,575	16,559
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	8	79,500	100		4	44,973	163,710	270,480
Lumber, sawed	175	903,950	943		33	200,063	1,187,059	1,764,640
Marble and stone work	11	62,550	65			32,575	61,208	134,490
Masonry, brick and stone	18	18,500	87		15	36,950	31,600	92,400
Mattresses and spring beds (see also Furniture)	3	3,450	8	1		2,712	25,500	39,200
Mineral and soda waters	7	29,100	37			18,312	24,350	75,900
Mirrors	1	10,000	6			2,500	4,000	10,000
Oil, cottonseed and cake	12	1,557,500	1,352	10	75	422,165	2,280,910	3,739,466
Painting and paperhanging	12	10,425	98			30,412	33,800	86,000
Patent medicines and compounds (see also Drugs and chemicals)	2	1,150	3			900	4,237	8,382
Perfumery and cosmetics	2	26,000	15	4		5,777	8,000	49,000
Photographing	12	39,100	37	6	2	27,390	19,399	79,765
Pickles, preserves, and sauces	1	500	2			500	300	2,500
Plated and britannia ware	1	20,000	7			3,000	10,000	25,000
Plumbing and gasfitting	9	16,300	31			17,441	40,500	71,600
Printing and publishing (see also Lithographing)	25	303,050	503	4	17	407,946	226,600	764,036
Pumps, not including steam pumps	2	16,000	4			750	1,460	3,000
Rice cleaning and polishing	6	225,000	162			56,040	1,328,387	1,573,281
Saddlery and harness	27	172,100	154	1	15	76,549	207,800	377,386
Salt	1	250,000	45			11,000		56,160
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	7	295,000	177			87,200	254,250	451,000
Shipbuilding	38	152,100	218			113,526	162,405	343,525
Slaughtering and meat-packing, not including retail butchering establishments.	1	500,000	18			13,830	1,375,000	1,500,000
Soap and candles	12	118,450	45		6	19,790	89,990	142,495
Stencils and brands	2	900	3		1	320	800	3,000
Stone- and earthen-ware	2	2,000	7			2,050	3,100	10,500
Sugar and molasses, refined	4	385,000	100			50,000	1,340,000	1,483,000
Surgical appliances	3	1,550	5			2,070	1,675	6,000
Tinware, copperware, and sheet-iron ware	41	107,250	145		5	61,371	114,790	227,759
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	8	348,000	127	6	88	70,540	242,100	424,085
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	47	175,674	680	187	87	179,999	152,156	506,612
Trunks and valises	2	2,700	14		2	7,500	19,000	37,500
Umbrellas and canes	1	100					100	500
Upholstering (see also Furniture)	12	8,325	15			3,335	9,575	20,040
Upholstering materials	8	37,800	36	43	2	24,245	103,940	167,900
Vinegar	1	2,000	5			1,575	2,500	8,000
Watch and clock repairing	17	13,200	24			15,095	9,021	30,479
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	28	29,650	50		1	15,029	18,575	54,382
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	3	5,400	11			6,225	21,542	39,404

A—MAINE, BY TOTALS OF COUNTIES.

The State	4,481	$49,988,171	35,431	13,777	3,746	$13,023,318	$51,120,708	$79,829,793
COUNTIES.								
Androscoggin	253	12,009,562	5,065	4,394	745	3,033,897	8,714,373	14,789,963
Aroostook	270	941,460	1,001	22	3	190,615	1,100,175	1,744,052
Cumberland	569	8,542,710	7,650	2,853	1,052	2,584,898	11,266,063	16,540,198
Franklin	207	622,434	577	156	58	139,205	536,657	892,937
Hancock	279	898,285	943	352	234	252,030	955,222	1,584,236
Kennebec	356	5,704,547	2,985	1,096	221	1,314,171	4,601,294	7,737,822
Knox	197	1,662,584	1,171	127	3	422,994	1,491,812	2,274,359
Lincoln	126	207,575	457		4	98,444	413,466	614,214
Oxford	260	1,695,030	1,247	322	87	458,501	2,016,713	2,850,063
Penobscot	574	4,024,680	3,485	304	139	1,082,969	6,243,326	8,692,667
Piscataquis	136	1,000,795	917	293	20	289,731	1,092,666	1,710,479
Sagadahoc	96	931,350	1,175	45		461,730	1,337,059	2,089,966
Somerset	307	1,464,978	1,519	460	373	392,601	1,529,249	2,491,302
Waldo	196	496,388	602	164	6	189,258	684,157	1,107,574
Washington	319	2,212,235	2,095	117	48	536,679	3,028,474	4,224,206
York	336	7,423,503	4,542	2,982	753	2,175,535	6,020,002	10,485,755

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

B—MAINE, 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	4,481	$40,988,171	35,431	13,777	3,746	$13,623,318	$51,120,708	$79,829,793
Agricultural implements	28	720,300	440	1	7	174,075	329,675	661,445
Awnings and tents	2	800	5	3	.....	2,750	5,500	9,500
Babbitt metal and solder	1	5,000	5	.....	.....	2,101	44,000	47,000
Baskets, rattan and willow ware	1	300	4	.....	.....	700	250	2,000
Belting and hose, leather	4	20,200	19	.....	.....	10,120	44,600	61,104
Blacking	1	8,000	4	13	.....	5,000	10,000	36,000
Blacksmithing (see also Wheelwrighting)	562	334,110	573	.....	2	130,103	237,826	665,237
Bookbinding and blank-book making	9	47,400	44	30	.....	24,996	53,833	97,284
Boot and shoe cut stock	1	6,000	51	5	.....	5,500	11,825	17,616
Boot and shoe findings	4	21,500	34	15	3	10,597	15,870	31,174
Boots and shoes, including custom work and repairing	203	1,485,400	2,872	1,197	105	1,400,959	4,031,200	6,120,342
Boxes, fancy and paper	7	54,400	93	227	17	51,185	30,150	122,500
Boxes, wooden, packing	16	98,150	143	7	26	41,320	59,025	141,125
Brass castings	8	96,000	29	.....	.....	15,102	50,905	89,850
Bread and other bakery products	31	155,200	160	10	4	71,804	233,870	377,554
Brick and tile (see also Drain and sewer pipe)	96	280,549	621	.....	16	106,538	122,887	310,958
Brooms and brushes	11	66,100	120	7	14	38,500	208,025	292,950
Carpentering	70	137,100	358	.....	1	121,351	180,940	400,620
Carpets, other than rag (see also Woolen goods)	1	300	.....	.....	.....	.....	785	1,200
Carriage and wagon materials	6	19,400	22	.....	1	4,950	9,100	20,750
Carriages and sleds, children's	1	35,000	45	.....	.....	15,886	14,000	35,307
Carriages and wagons (see also Wheelwrighting)	46	274,100	322	.....	.....	142,044	201,857	460,609
Cheese and butter (factory)	41	82,512	48	9	1	8,213	47,692	75,592
Cloth finishing	1	1,600	.....	.....	.....	.....	300	1,300
Clothing, men's	79	443,475	254	1,263	16	262,112	637,546	1,130,381
Clothing, women's	2	4,500	.....	19	.....	3,300	5,000	15,500
Coffee and spices, roasted and ground	7	33,500	21	9	.....	16,611	169,625	216,500
Coffins, burial cases, and undertakers' goods	34	72,600	59	2	.....	26,460	39,952	101,553
Confectionery	24	83,300	71	38	.....	23,311	92,586	166,225
Cooperage	118	189,913	435	.....	.....	105,614	193,234	385,304
Cordage and twine	3	80,800	39	3	.....	10,450	70,030	129,500
Corsets	1	3,500	2	12	.....	3,800	8,250	15,000
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	24	15,292,078	3,858	6,481	1,420	2,936,640	7,320,152	13,319,363
Cutlery and edge tools (see also Hardware; Tools)	14	68,200	63	.....	.....	23,188	33,213	71,687
Dentistry, mechanical	5	3,900	1	.....	.....	180	1,920	6,216
Drain and sewer pipe (see also Brick and tile)	2	16,000	8	.....	.....	4,600	3,800	10,450
Drugs and chemicals (see also Patent medicines and compounds)	5	84,400	30	2	.....	10,150	37,950	64,000
Dyeing and cleaning	2	2,500	3	2	.....	1,100	1,100	6,000
Dyeing and finishing textiles	4	593,500	594	45	41	166,619	321,989	1,107,616
Dyestuffs and extracts	2	115,000	18	.....	.....	6,385	23,600	99,000
Electroplating	3	2,100	8	.....	.....	2,550	6,496	10,982
Emery wheels	1	500	1	.....	.....	350	150	1,000
Engraving and die-sinking	2	750	2	.....	.....	1,150	300	2,700
Engraving, steel	1	800	2	.....	.....	750	300	1,200
Engraving, wood	2	5,300	8	.....	.....	5,000	3,100	10,000
Fancy articles	3	9,100	10	16	1	5,150	2,950	12,700
Felt goods (see also Woolen goods)	1	100,000	41	11	2	14,326	67,538	120,000
Fertilizers	13	184,625	119	.....	.....	30,410	198,600	283,650
Files (see also Saws)	7	11,400	37	.....	1	13,750	9,125	28,275
Flavoring extracts	2	2,400	6	.....	2	1,300	6,500	10,800
Flouring- and grist-mill products	261	993,500	385	.....	.....	109,882	3,560,926	3,966,023
Food preparations (see page 39)	1	.....	150	100	50	8,000	61,000	75,000
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	76	1,793,720	1,652	4	8	681,865	1,131,447	2,232,675
Fruits and vegetables, canned and preserved	18	926,535	2,349	1,448	1,093	216,400	823,005	1,402,100
Furnishing goods, men's	1	2,000	3	3	1	1,500	2,000	4,000
Furniture (see also Mattresses and spring beds; Upholstering)	68	310,950	367	8	7	142,500	282,590	572,275
Furniture, chairs	4	13,700	25	13	2	10,100	5,100	21,000
Glass, cut, stained, and ornamented	2	1,500	7	.....	1	3,150	2,800	8,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	1	500	.....	316	200	13,000	24,000	39,000
Glue	1	4,000	6	.....	.....	2,000	11,000	14,000
Grindstones	1	2,000	2	.....	.....	700	4,000	5,000
Gunpowder	2	160,000	54	.....	.....	36,400	171,000	249,000
Hairwork	2	700	1	3	1	350	2,000	4,600
Handles, wooden	15	75,950	97	.....	5	24,626	67,200	136,435
Hardware (see also Cutlery and edge tools; Tools)	2	5,000	6	1	.....	1,650	2,300	6,250
Hats and caps, not including wool hats	4	21,500	12	14	.....	9,600	29,450	51,300
Hones and whetstones	1	2,500	1	2	.....	1,060	3,320	6,680
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	1	500	1	20	.....	801	1,860	3,000
Ink	1	100	1	.....	.....	40	700	1,000
Instruments, professional and scientific	1	1,000	2	.....	.....	1,000	500	2,000
Iron and steel	3	450,000	683	.....	17	141,494	380,511	583,328
Iron forgings	3	48,000	54	.....	.....	17,075	65,516	107,613
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	4,000	6	.....	.....	3,800	4,500	9,250
Ivory and bone work	1	3,000	1	.....	.....	850	700	2,000
Kaolin and ground earths	2	29,100	19	.....	.....	8,750	3,050	54,000

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

B—MAINE, 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.			
Lamps and reflectors	1	$1,500	2			$973	$2,200	$3,500
Lasts	3	13,000	12			4,892	2,600	10,627
Leather board (see also Paper)	5	120,000	128	10		53,500	164,000	296,000
Leather, curried	34	510,900	262	10	2	99,094	2,290,310	2,612,350
Leather, dressed skins	2	10,000	18			8,700	136,000	173,000
Leather goods	1	2,000	5			2,500	25,000	30,000
Leather, tanned	83	2,459,700	1,387		6	464,904	5,535,427	7,100,967
Lime	28	942,150	301			86,274	393,300	599,695
Lock- and gun-smithing	3	6,500	3			1,700	1,100	5,700
Looking-glass and picture frames	6	9,200	11		1	4,100	10,300	18,100
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	33	300,000	224		14	89,865	351,471	511,799
Lumber, sawed	848	6,339,396	6,480		183	1,161,142	4,951,957	7,933,868
Marble and stone work	67	137,600	260		1	90,220	71,902	245,750
Masonry, brick and stone	16	13,050	133			33,750	34,715	87,020
Matches	3	71,000	64	39	2	38,212	263,693	314,593
Mattresses and spring beds (see also Furniture)	1	2,500	2	3		1,200	3,375	5,250
Mineral and soda waters	3	8,275	28			7,000	5,000	20,000
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	15	1,290,380	487	451	133	357,595	1,238,247	1,909,937
Models and patterns	2	2,000	4			2,100	400	3,200
Musical instruments and materials (not specified)	1	400					200	600
Musical instruments, organs and materials	4	41,500	39			14,000	15,200	54,000
Oil, lubricating	1	100,000	4			2,400	6,000	15,000
Oilcloth, floor	4	695,000	289	2		124,500	535,075	713,000
Painting and paperhanging	55	36,575	135			45,510	64,565	147,850
Paints (see also Varnish)	3	30,000	17			7,030	65,938	85,552
Paper (see also Leather board; Wood pulp)	12	1,095,000	753	314		325,691	1,347,509	2,170,321
Patent medicines and compounds (see also Drugs and chemicals)	5	11,800	10	9		3,850	8,300	25,500
Photographing	18	37,800	34	13	1	16,500	16,600	60,250
Pickles, preserves, and sauces	1	1,000	2	1		1,000	1,000	5,000
Plated and britannia ware	4	64,100	45	2		18,125	15,572	41,300
Plumbing and gasfitting	10	38,500	52			21,950	64,096	108,800
Printing and publishing	48	747,600	410	216	14	297,005	976,917	1,606,098
Pumps, not including steam pumps	9	31,200	32		3	9,700	19,950	44,250
Refrigerators	1	5,000	4			2,500	3,000	8,000
Regalia and society banners and emblems	1	1,000	3			1,200	5,000	9,000
Roofing and roofing materials	1	500	2			500	800	1,800
Rules, ivory and wood	1	300	2	1		150	50	500
Saddlery and harness	127	166,165	212	2	2	72,865	225,048	393,326
Salt, ground	2	1,700	4			1,300	2,750	4,750
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	34	264,350	230		2	92,550	199,350	380,350
Saws	2	25,500	13			4,500	10,075	25,050
Shipbuilding	379	811,750	1,907			838,559	1,935,857	2,999,846
Shirts	4	53,000	11	85		26,300	57,000	86,000
Shoddy (see also Mixed textiles)	1	6,000	4	1	3	1,905	7,200	12,000
Show-cases	1	1,000	2			1,000	3,000	6,000
Silk and silk goods (see also Mixed textiles)	1	30,000	9	46	5	10,190	61,395	81,585
Slaughtering and meat-packing, not including retail butchering establishments.	6	194,500	83			34,300	1,008,605	1,093,687
Soap and candles	16	62,530	54	1		14,736	77,709	124,443
Sporting goods	2	12,200	10	1		6,825	2,400	17,000
Springs, steel, car and carriage	1	25,000	34	1		11,238	3,528	49,722
Starch	23	294,200	254			23,280	339,611	442,700
Stationery goods	1	2,500	4	1		750	2,200	5,000
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	3	4,000	13			9,900	12,500	22,000
Stencils and brands	1	400					200	1,000
Stone- and earthen-ware	5	21,100	20			9,700	7,861	28,500
Straw goods	1	8,000	15	36		7,015	6,000	15,600
Sugar and molasses, beet	1	50,000	150			20,000	75,000	111,000
Sugar and molasses, refined	2	460,000	90			34,457	1,416,414	1,499,512
Tinware, copperware, and sheet-iron ware	99	259,300	227		1	90,304	192,455	400,195
Tobacco, cigars and cigarettes	26	53,635	108	22	3	45,382	59,000	152,206
Tools (see also Cutlery and edge tools; Hardware)	2	9,000	11			6,800	7,800	16,000
Toys and games	1	500	1			175	400	1,200
Trunks and valises	5	20,600	20	2		9,350	19,600	44,700
Upholstering (see also Furniture)	7	1,950	6	1		1,075	3,500	8,800
Upholstering materials	7	15,500	18			4,525	6,300	16,900
Varnish (see also Paints)	1	20,000	5			3,000	42,000	55,000
Vinegar	5	5,370	10			935	2,259	5,700
Watch and clock repairing	13	16,050	14			5,240	9,100	27,000
Wheelbarrows	1	5,000	2			600	600	2,200
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	249	222,800	324		2	85,753	137,870	347,904
Window blinds and shades	2	6,000	16	2		3,500	9,000	17,000
Wire	1	3,500	18			7,200	15,000	24,000
Wood pulp	7	439,000	212	8		80,075	100,595	306,490
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	19	141,700	153	2	11	61,007	98,080	206,390
Wooden ware	11	67,100	108	7		31,750	52,875	110,475
Wool hats (see also Woolen goods)	1	40,000	53	20	22	31,596	80,825	151,770
Woolen goods (see also Carpets, other than rag; Felt goods; Gloves and mittens; Mixed textiles; Wool hats).	93	3,876,028	1,716	1,109	270	1,044,606	4,294,042	6,686,073

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

A—MARYLAND, 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	6,787	$58,742,384	46,698	21,700	6,547	$18,904,965	$66,937,846	$106,780,563
Allegany	173	2,811,630	1,468	3	105	467,156	1,717,239	2,651,616
Anne Arundel	38	80,400	87	5	29	22,283	105,494	171,099
Baltimore (city)	3,683	38,580,773	34,086	18,137	4,115	15,117,489	47,974,297	78,417,304
Baltimore	447	7,658,170	3,121	1,503	1,026	1,491,739	7,691,566	11,147,294
Calvert	14	24,500	23	.....	.....	3,785	19,320	29,860
Caroline	80	199,060	183	286	110	29,847	222,405	322,714
Carroll	269	765,436	560	41	40	132,050	994,717	1,457,935
Cecil	170	1,395,484	695	39	30	260,807	1,119,690	1,798,515
Charles	29	49,100	51	.....	.....	6,573	42,837	69,990
Dorchester	69	172,525	158	21	23	39,508	163,566	247,430
Frederick	444	1,828,927	1,704	332	335	315,992	1,995,590	2,806,098
Garrett	77	378,987	248	3	6	58,708	280,387	445,974
Harford	242	1,024,653	1,226	666	425	167,476	767,620	1,195,136
Howard	89	782,406	311	213	120	125,331	602,085	989,615
Kent	82	158,760	140	115	.....	35,743	131,579	249,235
Montgomery	104	400,930	147	14	5	33,360	239,133	323,017
Prince George's	57	415,638	367	117	51	96,124	285,091	463,364
Queen Anne	31	151,011	88	13	20	24,045	169,350	244,011
Saint Mary's	22	69,440	50	.....	.....	9,202	98,421	126,441
Somerset	60	85,450	131	.....	2	30,700	166,089	251,740
Talbot	104	205,824	273	.....	2	67,630	292,430	464,674
Washington	317	1,102,549	949	114	57	235,017	1,424,436	2,161,203
Wicomico	107	236,975	288	3	32	59,709	216,285	381,936
Worcester	79	157,696	344	15	14	74,691	218,219	372,813

B—MARYLAND, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	6,787	$58,742,384	46,698	21,700	6,547	$18,904,965	$66,937,846	$106,780,563
Agricultural implements	36	395,400	338	.....	18	117,791	227,190	574,672
Artificial limbs (see also Surgical appliances)	1	100	1	.....	.....	472	200	1,200
Awnings and tents	3	4,600	11	30	.....	7,900	16,800	36,100
Babbitt metal and solder	2	25,000	16	.....	.....	5,200	87,000	107,000
Bags, other than paper	2	185,000	26	110	10	33,052	770,000	850,000
Bags, paper	3	78,500	24	22	4	17,704	152,270	236,700
Baking and yeast powders (see also Drugs and chemicals)	4	70,600	12	14	.....	16,000	111,040	167,808
Baskets, rattan and willow ware	10	19,610	28	3	139	17,094	17,735	48,826
Bells	2	480,000	355	.....	180	189,640	295,000	580,000
Belting and hose, leather	1	2,500	7	.....	.....	2,000	23,000	30,000
Billiard tables and materials	1	8,000	28	.....	.....	10,000	18,000	33,000
Blacking	1	25	.....	.....	.....	.....	800	1,500
Blacksmithing (see also Wheelwrighting)	651	417,135	847	.....	10	247,200	300,171	942,077
Bluing	1	1,000	3	4	.....	1,000	3,000	8,000
Bookbinding and blank-book making	18	92,256	99	94	28	61,993	59,904	166,988
Boot and shoe uppers	11	7,700	27	18	1	11,755	17,375	37,075
Boots and shoes, including custom work and repairing	862	977,912	2,334	510	99	984,630	1,748,920	3,683,626
Boxes, cigar	13	19,325	22	19	9	15,163	28,883	58,822
Boxes, fancy and paper	8	34,020	28	169	10	32,617	82,883	140,625
Boxes, wooden, packing	15	142,712	320	.....	44	147,302	302,273	533,150
Brass castings	10	19,500	32	.....	1	16,279	33,741	71,101
Brass and copper, rolled	1	40,000	13	.....	.....	3,459	46,000	60,000
Bread and other bakery products	341	864,022	662	80	62	275,759	1,507,877	2,275,227
Brick and tile	79	1,168,158	2,049	.....	202	478,189	243,234	933,988
Bridges	2	202,000	98	.....	.....	48,972	79,000	143,000
Brooms and brushes	31	84,015	213	22	36	75,458	159,064	297,511
Carpentering	183	1,176,052	1,567	.....	11	769,266	2,140,351	3,626,189
Carpets, other than rag (see also Woolen goods)	1	10,000	75	.....	.....	9,900	32,000	50,000
Carpets, rag	18	23,600	29	2	4	10,571	23,639	49,908
Carriage and wagon materials	4	35,240	37	.....	.....	9,700	15,800	43,500
Carriages and sleds, children's	3	15,600	31	2	3	10,740	33,590	53,080
Carriages and wagons (see also Wheelwrighting)	81	355,599	559	.....	8	209,972	238,250	595,860
Cars, railroad, street, and repairs	1	5,000	21	.....	.....	12,480	10,000	24,728
Cement	1	50,000	38	1	1	12,320	2,610	22,328
Cheese and butter (factory)	14	22,950	18	.....	.....	3,471	60,100	87,956
Cleansing and polishing preparations	1	1,500	2	.....	.....	256	4,000	8,000
Cloth finishing	2	2,050	5	.....	.....	2,000	250	6,200
Clothing, men's	220	3,894,943	5,265	5,970	59	1,851,938	6,089,052	9,579,066
Clothing, women's	27	136,250	22	482	23	84,908	265,192	469,718
Coffee and spices, roasted and ground	13	124,750	46	23	.....	24,503	221,108	299,874
Coffins, burial cases, and undertakers' goods	63	101,975	81	.....	1	34,119	79,553	200,173
Confectionery	64	390,665	253	93	15	110,728	815,692	1,164,755
Cooperage	72	250,090	454	.....	7	164,122	384,800	657,424
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	8	20,200	21	.....	.....	11,900	15,600	32,250
Cordage and twine	4	18,500	21	.....	6	7,145	22,442	32,455
Cork cutting	1	12,000	5	4	5	3,500	15,000	30,000
Corsets	2	18,000	2	28	6	6,640	14,000	28,000
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	20	4,605,816	1,229	1,879	947	767,729	2,891,033	4,088,714
Cutlery and edge tools (see also Hardware)	10	22,550	23	.....	1	9,200	11,156	30,590
Dentistry, mechanical	14	12,260	11	1	1	6,323	4,313	32,788

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

B—MARYLAND, 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.			
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	18	$655,300	194	47	.....	$80,394	$531,485	$881,125
Dyeing and cleaning	28	55,885	47	19	.....	25,431	31,160	89,162
Dyestuffs and extracts	2	3,500	4	.....	.....	900	5,100	9,000
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	1	200	1	.....	.....	40	225	700
Electroplating	5	17,525	29	.....	2	10,166	7,350	36,000
Engraving and die-sinking	7	1,925	6	.....	.....	3,300	1,450	14,059
Engraving, wood	4	1,250	4	.....	.....	1,800	905	6,900
Explosives and fireworks	1	1,500	.....	.....	15	300	1,500	2,000
Fancy articles	1	10,000	13	.....	7	6,000	1,250	10,000
Fertilizers	48	4,271,870	1,000	.....	13	354,102	3,813,758	5,770,198
Files (see also Saws)	5	32,150	28	.....	10	15,746	9,890	33,330
Fire extinguishers, chemical	1	30,000	4	.....	.....	2,250	6,840	14,693
Flags and banners	2	2,500	3	4	1	3,075	6,000	16,000
Flavoring extracts	5	8,200	15	4	.....	5,274	16,300	31,100
Flouring- and grist-mill products	546	3,145,520	898	.....	.....	210,705	6,965,298	7,954,004
Food preparations (see page 39)	3	4,650	12	2	1	2,415	16,000	26,000
Foundery and machine-shop products (see also Iron work, architectural and ornamental).	91	2,684,358	3,116	.....	34	1,509,997	2,103,112	4,454,317
Fruits and vegetables, canned and preserved	114	2,412,692	4,025	8,220	2,753	990,778	4,506,332	6,245,297
Furnishing goods, men's	2	4,200	2	19	.....	5,500	17,000	32,000
Furniture (see also Mattresses and spring beds; Upholstering)	131	863,727	1,058	15	25	431,352	836,825	1,663,143
Furniture, chairs	4	151,250	66	31	2	48,000	130,500	280,000
Furs, dressed	4	30,000	6	17	.....	8,125	10,635	33,913
Gas machines and meters	5	62,000	82	1	17	42,748	118,250	206,620
Glass	8	436,000	524	.....	88	294,254	239,682	587,000
Glass, cut, stained, and ornamented	1	2,000	4	.....	1	2,550	3,700	9,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	3	20,500	15	41	10	8,925	18,800	35,200
Glue	1	4,000	3	.....	.....	800	5,000	6,400
Gold and silver leaf and foil	3	6,000	16	20	2	10,500	26,000	40,200
Grease and tallow	7	101,750	22	.....	.....	10,254	213,849	250,021
Hairwork	12	12,450	4	20	.....	5,654	16,675	34,798
Hand-knit goods	1	100	1	.....	.....	300	450	1,000
Hardware (see also Cutlery and edge-tools)	5	18,100	31	.....	4	13,844	14,100	37,504
Hats and caps, not including wool hats	8	29,100	24	34	1	14,050	34,200	66,680
Hones and whetstones	1	6,000	6	2	2	2,000	7,500	12,700
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	1	250	.....	1	.....	100	500	720
Housefurnishing goods	2	3,250	1	.....	1	600	1,350	4,800
Instruments, professional and scientific	6	49,000	25	2	4	18,244	3,850	31,000
Iron and steel	23	4,902,125	2,650	.....	107	905,090	2,888,574	4,470,050
Iron bolts, nuts, washers, and rivets	1	4,500	5	.....	.....	1,816	2,705	6,952
Iron forgings	2	2,500	9	.....	.....	1,200	3,550	7,550
Iron nails and spikes, cut and wrought	1	26,300	14	.....	.....	5,352	34,030	52,800
Iron railings, wrought	7	6,800	21	.....	.....	8,450	15,000	36,300
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	1	10,000	21	.....	.....	12,285	12,000	30,356
Ivory and bone work	1	3,000	.....	.....	.....	.....	3,000	6,000
Japanning	1	500	2	1	.....	1,575	1,600	4,500
Jewelry	4	11,300	16	1	3	9,744	12,860	33,100
Kaolin and ground earths	7	410,400	192	.....	3	87,580	309,300	559,260
Kindling wood	11	36,925	43	.....	22	18,256	36,245	72,290
Lamps and reflectors	2	1,500	3	.....	.....	1,452	3,250	7,500
Lard, refined	2	240,000	42	.....	.....	20,060	1,445,000	1,544,000
Lasts	1	2,000	3	.....	1	1,904	1,500	4,000
Lead, bar, pipe, sheet, and shot	2	135,000	25	.....	2	7,464	161,493	192,933
Leather, carried	48	169,127	103	.....	2	36,506	388,608	508,458
Leather, dressed skins	1	75,000	70	5	.....	22,544	156,300	190,000
Leather, tanned	63	802,343	378	9	5	127,104	1,030,586	1,468,591
Lightning rods	1	500	1	.....	.....	100	500	1,000
Lime	26	87,700	161	.....	.....	32,855	50,743	121,340
Liquors, distilled	16	715,500	156	1	.....	65,340	858,654	1,202,393
Liquors, malt	53	2,145,590	421	.....	.....	200,291	1,001,766	1,820,303
Lithographing (see also Printing and publishing)	2	128,000	59	4	12	42,184	39,250	131,184
Lock- and gun-smithing	22	28,775	35	.....	1	15,932	12,593	43,986
Looking-glass and picture frames	31	118,550	271	70	25	98,653	160,492	402,423
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	7	59,500	49	.....	.....	20,425	58,425	104,575
Lumber, sawed	369	1,237,694	1,216	.....	23	223,786	1,106,795	1,813,332
Malt	6	705,000	98	.....	.....	52,060	547,000	752,000
Mantels, slate, marble, and marbleized	3	23,000	19	.....	2	8,388	10,784	30,205
Marble and stone work	59	678,926	803	.....	10	336,327	467,243	1,007,893
Masonry, brick and stone	47	203,600	655	.....	1	266,889	399,777	767,046
Mattresses and spring beds (see also Furniture)	6	7,075	11	2	.....	4,867	32,843	45,525
Millinery and lace goods	11	79,100	24	133	41	85,896	148,240	229,460
Millstones	3	34,700	24	.....	.....	11,293	14,242	38,310
Mineral and soda waters	20	69,400	90	.....	2	34,153	109,085	202,307
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods).	3	4,900	6	11	5	4,600	7,850	20,240
Models and patterns	3	1,450	5	.....	.....	2,050	1,700	8,100
Musical instruments and materials (not specified)	6	4,900	4	.....	.....	1,395	1,975	7,400
Musical instruments, organs and materials	3	16,250	21	.....	2	8,000	24,810	41,000
Musical instruments, pianos and materials	4	638,382	380	.....	5	200,988	157,699	534,000
Needles and pins	2	9,000	8	.....	.....	4,300	1,900	9,000
Oil, illuminating, not including petroleum refining	2	13,500	7	.....	.....	1,550	13,000	21,000
Oil, lard	1	75,000	18	.....	.....	10,000	500,000	550,000

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

B—MARYLAND, 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, neat's-foot	1	$100	1			$50	$450	$1,000
Oleomargarine	1	20,000	20			5,000	55,000	85,000
Paints	11	417,200	113		7	47,751	245,185	412,658
Painting and paperhanging	95	103,273	285		8	148,726	175,307	467,617
Paper	25	475,048	298	121	46	119,870	738,140	1,028,591
Patent medicines and compounds (see also Drugs and chemicals)	34	222,825	106	109	45	68,867	438,202	647,893
Perfumery and cosmetics	5	23,410	11	27	1	7,002	15,251	42,499
Photographing	25	70,150	51	15	2	25,005	22,426	95,228
Pickles, preserves, and sauces	6	21,850	7	14	6	5,532	48,250	71,300
Pipes, tobacco	2	10,200	11	16	5	7,797	3,555	15,500
Plated and britannia ware	3	19,200	43			20,780	18,500	52,000
Plumbing and gasfitting	89	198,185	194		9	82,042	176,186	412,886
Printing and publishing (see also Lithographing)	66	2,045,600	797	25	111	443,989	585,857	1,477,164
Printing materials	1	4,500	2	5	1	2,570	15,000	25,000
Pumps, not including steam pumps	10	9,075	17		1	8,660	14,700	39,950
Refrigerators	3	16,200	24			7,099	13,040	27,990
Regalia and society banners and emblems	1	5,000		9		1,815	4,300	8,719
Roofing and roofing materials	6	89,625	46		1	16,769	30,450	78,017
Rubber and elastic goods	1	300		1		125	539	1,121
Saddlery and harness	154	374,075	556	2	84	249,313	459,683	1,004,851
Safes, doors, and vaults, fire-proof	1	35,000	30			13,000	10,000	35,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	17	463,125	446		38	222,235	411,963	813,005
Saws	3	6,500	8			2,321	2,744	10,281
Scales and balances	3	9,200	7			4,181	2,819	11,077
Sewing machines and attachments	6	20,500	22	1	2	11,620	9,450	35,595
Shipbuilding	166	1,606,535	1,178			657,789	884,290	1,788,630
Shirts	38	313,930	328	1,284	84	307,867	425,947	949,524
Shoddy (see also Mixed textiles)	1	5,000	5	4	6	3,100	14,150	22,500
Show-cases	5	14,300	28		1	15,785	27,389	74,320
Silk and silk goods (see also Mixed textiles)	4	20,900	12	56	14	11,000	15,760	35,415
Silversmithing	5	101,528	38			26,979	49,792	113,061
Slaughtering and meat-packing, not including retail butchering establishments.	9	865,000	228			100,000	3,163,802	3,377,605
Soap and candles	11	271,732	93		6	52,495	254,006	385,790
Spectacles and eyeglasses	2	1,400	6			2,874	1,700	7,500
Sporting goods	1	1,000		25		900	600	2,000
Stationery goods	1	1,000	1	10		300	500	2,500
Stencils and brands	3	2,800	6		1	3,526	2,200	9,500
Stone- and earthen-ware	17	142,950	213	10	63	120,234	80,273	271,944
Straw goods	3	160,800	107	422	15	57,761	264,507	362,982
Sugar and molasses, refined	3	260,000	106			31,000	756,703	840,986
Surgical appliances (see also Artificial limbs)	3	5,700	35	5		17,000	15,600	61,500
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	1	17,500	29		1	12,680	37,006	53,239
Tinware, copperware, and sheet-iron ware (see also Coppersmithing)	226	1,179,267	1,369	124	302	609,113	2,332,687	3,564,994
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	10	602,600	187	740	128	165,107	1,152,906	1,531,424
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	369	623,607	1,184	118	104	499,666	711,680	1,730,604
Toys and games	1	1,500	3	1	4	2,500	1,500	4,500
Trunks and valises	15	24,150	51		4	19,228	36,810	75,466
Type founding	2	50,000	35		20	21,000	12,800	45,000
Umbrellas and canes	3	8,550	4	6		2,050	8,500	17,400
Upholstering (see also Furniture)	22	26,025	45	7	2	17,845	54,181	103,139
Upholstering materials	3	1,151,500	478	102	142	307,500	527,000	912,850
Vinegar	9	51,750	19	1	1	7,312	62,112	97,012
Watch and clock repairing	24	18,750	25		4	14,883	6,604	42,115
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	309	248,805	446		5	127,109	167,802	494,274
Whips	3	21,300	31	6	1	13,936	25,800	52,925
Window blinds and shades	3	5,500	24			3,200	11,500	18,900
Wirework	5	90,500	104		2	56,000	226,000	322,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	9	2,910	17		4	8,203	9,220	27,036
Wooden ware	2	86,000	86			27,500	62,500	114,200
Woolen goods (see also Carpets, other than rag; Gloves and mittens; Mixed textiles).	14	333,760	171	100	42	59,491	349,724	488,308

A—MASSACHUSETTS, BY TOTALS OF COUNTIES.

The State	14,352	$303,806,185	228,834	105,976	17,445	$128,315,362	$386,972,655	$691,135,284
COUNTIES.								
Barnstable	139	1,529,754	740	473	19	292,470	866,050	1,506,152
Berkshire	515	13,882,594	6,692	3,521	1,151	3,732,714	11,744,047	19,876,467
Bristol	1,025	42,128,950	20,070	10,530	3,468	11,125,200	24,864,704	46,127,452
Dukes	8	20,250	50			23,106	66,914	97,829
Essex	1,971	41,718,149	38,250	19,585	2,034	21,854,758	64,822,177	103,159,439
Franklin	315	5,058,258	2,941	792	219	1,277,019	2,903,370	5,378,597
Hampden	872	27,163,158	14,361	8,987	1,682	8,355,079	23,981,415	40,654,398
Hampshire	333	7,283,518	4,335	3,057	720	2,419,401	6,603,887	11,786,406
Middlesex	2,069	53,116,628	38,917	19,198	3,020	21,706,749	81,611,183	128,031,850
Nantucket (a)								
Norfolk	644	11,976,494	11,419	4,962	484	6,134,937	17,848,192	28,575,530
Plymouth	676	8,566,141	11,287	2,261	269	5,755,003	14,885,665	23,771,677
Suffolk	3,836	49,277,634	41,055	18,646	1,284	25,634,027	84,441,703	134,567,625
Worcester	1,949	42,084,657	38,717	13,964	3,095	20,004,899	52,333,348	87,601,852

a Returned as having no manufactures.

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

B—MASSACHUSETTS, 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	14,352	$303,806,185	228,834	105,976	17,445	$128,315,362	$386,972,655	$631,135,284
Agricultural implements	29	910,000	956	1	16	365,896	694,752	1,070,242
Ammunition	1	100,000	80	160	15	58,259	114,000	198,114
Artificial feathers and flowers (see also Millinery and lace goods)	4	20,000	16	162	.....	25,540	21,350	124,900
Artificial limbs (see also Surgical appliances)	4	14,000	6	.....	.....	5,766	3,224	14,056
Awnings and tents	8	22,700	19	43	2	24,350	52,240	92,750
Bagging, flax, hemp, and jute	5	960,000	483	390	253	246,682	531,521	903,213
Bags, other than paper	1	10,000	7	13	5	7,000	60,000	75,000
Bags, paper	4	9,200	9	14	.....	4,240	17,100	28,200
Baking and yeast powders (see also Drugs and chemicals)	7	281,750	45	44	8	31,980	234,830	303,070
Baskets, rattan and willow ware	29	1,148,925	636	251	51	269,494	405,645	791,087
Bells	2	1,350	2	.....	.....	1,025	2,750	6,100
Belting and hose, leather	16	293,100	130	2	.....	69,626	676,863	836,766
Belting and hose, linen	1	10,000	10	.....	.....	4,500	12,000	23,000
Billiard tables and materials	6	58,200	56	.....	.....	25,800	48,700	106,300
Blacking	22	91,550	67	47	.....	43,346	254,905	410,926
Blacksmithing (see also Wheelwrighting)	1,030	1,074,486	1,874	.....	12	820,999	796,399	2,501,006
Bluing	4	47,400	15	7	.....	13,650	81,125	109,174
Bone-, ivory-, and lamp-black	1	16,000	6	.....	1	3,900	20,000	32,000
Bookbinding and blank-book making	75	626,278	581	762	33	524,947	539,481	1,360,577
Boot and shoe cut stock	163	1,190,600	1,152	1,322	187	700,432	5,861,084	7,397,734
Boot and shoe findings	64	318,600	338	398	33	234,728	652,865	1,155,923
Boot and shoe uppers	3	9,380	5	20	.....	7,950	15,800	27,600
Boots and shoes, including custom work and repairing	1,311	21,275,923	47,548	13,406	1,297	25,204,331	60,207,152	96,680,110
Boots and shoes, rubber	1	500,000	400	451	11	296,442	1,044,364	1,707,842
Boxes, cigar	9	23,500	39	22	8	19,802	33,136	78,515
Boxes, fancy and paper	60	296,175	220	961	27	302,856	459,575	967,218
Boxes, wooden, packing	109	698,780	909	38	31	367,118	1,008,000	1,768,308
Brass and copper, rolled	4	1,300,000	520	.....	.....	201,405	1,310,456	1,756,051
Brass castings	49	361,300	404	2	16	191,300	411,853	756,424
Brass ware	1	50,000	24	10	.....	3,600	75,000	100,000
Bread and other bakery products	292	1,226,840	1,567	305	93	844,090	3,122,104	4,942,769
Brick and tile (see also Drain and sewer pipe; Terra-cotta ware)	114	1,668,200	2,370	9	22	465,589	521,875	1,322,028
Bridges	11	77,500	225	.....	.....	100,607	249,757	424,876
Brooms and brushes	58	545,500	535	254	13	200,854	821,342	1,451,660
Buttons	28	590,900	472	799	95	391,974	411,009	1,085,804
Cardboard	4	78,000	62	12	.....	37,532	160,327	227,704
Carpentering	930	2,243,222	6,398	1	17	2,895,930	6,213,344	10,973,471
Carpets, other than rag (see also Woolen goods)	7	4,637,646	1,596	2,259	53	1,223,302	3,950,673	6,337,629
Carpets, rag	1	200	2	.....	.....	500	700	1,500
Carpets, wood	1	100	10	.....	.....	3,000	3,700	15,000
Carriage and wagon materials	31	413,550	360	.....	.....	164,895	432,151	737,626
Carriages and sleds, children's	11	109,500	182	9	10	60,725	140,684	245,200
Carriages and wagons (see also Wheelwrighting)	215	2,027,250	2,619	28	.....	1,273,986	1,952,237	4,048,141
Cars, railroad, street, and repairs	12	852,250	756	10	.....	392,553	1,024,060	1,480,011
Cement	4	20,400	10	.....	.....	6,250	22,650	60,400
Charcoal	1	800	1	.....	.....	450	1,000	2,000
Cheese and butter (factory)	22	97,550	46	5	1	14,277	128,845	194,110
Chocolate	3	475,000	71	60	.....	56,055	655,000	1,045,000
Cleansing and polishing preparations	5	68,000	62	8	.....	28,734	44,076	100,600
Clocks	1	3,000	5	.....	.....	3,000	3,000	8,000
Cloth finishing	1	5,000	17	.....	.....	7,950	500	16,321
Clothing, horse	1	3,000	5	10	.....	3,600	10,500	15,000
Clothing, men's	347	5,172,043	2,740	8,313	214	3,832,244	10,846,404	17,902,662
Clothing, women's	34	389,100	263	1,978	17	470,105	1,155,652	2,020,638
Coffee and spices, roasted and ground	21	368,200	119	38	1	85,039	1,438,971	1,680,229
Coffins, burial cases, and undertakers' goods	36	369,300	219	33	4	138,981	269,462	494,435
Collars and cuffs, paper	8	525,000	69	80	.....	64,526	731,542	880,739
Combs	22	286,190	451	79	25	205,162	214,414	558,860
Confectionery	76	499,175	443	345	7	288,868	1,529,340	2,281,350
Cooperage	86	386,734	596	.....	11	231,089	430,137	784,329
Coppersmithing (see also Tinware, copperware, and sheet-iron ware)	9	109,200	145	.....	5	87,950	122,800	262,100
Cordage and twine	29	1,533,450	893	136	60	344,607	2,195,311	2,995,395
Cordials and sirups	1	5,000	4	.....	.....	700	7,116	10,273
Cork cutting	5	38,434	44	28	6	23,249	68,407	124,434
Corsets	11	158,400	114	1,241	161	338,562	557,100	1,018,025
Cotton goods (see also Hosiery and knit goods; Mixed textiles)	206	74,118,801	22,609	32,558	7,736	16,240,908	37,542,679	74,780,835
Cotton-ties	2	10,000	24	.....	1	9,200	34,000	48,000
Crucibles	2	60,000	24	.....	3	15,609	39,570	68,452
Cutlery and edge tools (see also Hardware; Tools)	63	2,028,722	1,686	92	179	808,788	872,878	2,133,654
Dentistry, mechanical	46	43,325	31	.....	1	18,438	31,052	125,514
Drain and sewer pipe (see also Brick and tile; Terra-cotta ware)	5	59,300	20	.....	.....	8,225	17,050	38,500
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	38	1,120,350	384	24	5	185,274	1,035,694	1,676,630
Dyeing and cleaning	37	159,000	197	208	5	132,046	78,069	309,529
Dyeing and finishing textiles	28	8,613,500	3,953	562	430	1,815,431	4,566,174	9,482,939
Dyestuffs and extracts	5	293,000	178	.....	.....	95,834	557,221	812,040
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	10	165,500	90	1	1	51,008	50,506	131,289
Electroplating	33	141,350	135	6	3	61,166	86,500	252,600
Emery wheels	3	113,000	32	.....	.....	15,719	36,644	106,398
Enameled goods	1	70,000	37	.....	.....	17,286	121,582	166,888
Enameling	1	500	3	.....	.....	2,000	200	4,000

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

B—MASSACHUSETTS, 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.			
Engravers' materials	1	$1,000	3			$600	$800	$3,500
Engraving and die-sinking	25	56,650	143	33	5	87,950	71,402	235,731
Engraving, steel	5	7,600	11	3	2	6,950	3,040	18,700
Engraving, wood	14	22,235	67		2	41,650	4,725	89,950
Envelopes	6	555,000	151	735	10	235,227	1,598,350	2,070,346
Explosives and fireworks	4	17,500	18	12	11	11,466	26,313	56,174
Fancy articles	21	190,850	302	108	48	128,393	140,844	341,393
Felt goods (see also Woolen goods)	11	820,000	455	37	20	163,440	1,198,339	1,627,320
Fertilizers	21	1,738,150	570	2		225,813	1,384,875	2,104,680
Files (see also Saws)	22	98,050	161	5	10	61,876	30,195	162,305
Fire-arms	12	3,321,455	1,092	1	29	619,816	342,655	1,158,227
Flavoring extracts	14	101,765	39	44	2	33,116	231,991	359,460
Flouring- and grist-mill products	350	2,880,365	683	2	1	290,070	7,814,583	8,774,049
Food preparations (see page 39)	13	115,180	107	19		27,866	205,339	288,496
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	549	16,466,535	16,367	197	224	8,131,740	11,236,199	23,935,604
Foundery supplies	1	5,000	14			3,400	6,000	12,000
Fruits and vegetables, canned and preserved	13	316,400	131	245	49	98,597	542,600	762,988
Furnishing goods, men's	22	96,124	48	277	9	73,826	306,599	524,165
Furniture (see also Mattresses and spring beds; Upholstering)	243	2,464,675	3,846	96	48	1,781,351	3,017,469	6,041,618
Furniture, chairs	62	1,948,600	2,104	244	45	1,028,087	1,761,779	3,290,837
Furs, dressed	15	65,147	49	73	2	37,516	409,177	508,250
Gas and lamp fixtures	2	25,000	33			12,500	25,000	54,000
Gas machines and meters	4	192,000	81	2		47,949	68,289	176,500
Glass	11	823,000	828	58	60	383,342	320,864	854,345
Glass, cut, stained, and ornamented	12	73,650	100	16	3	60,711	56,630	158,340
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	4	5,200	16	63	1	12,260	33,850	51,668
Glue	19	325,400	242	4	2	99,112	280,016	447,112
Gold and silver leaf and foil	9	26,500	45	28	5	32,385	105,700	152,475
Gold and silver, reduced and refined (not from the ore)	1	8,000	5			2,520	2,000	7,500
Graphite	2	55,000	13	17	1	15,525	133,600	165,000
Grease and tallow	14	456,500	155		2	80,355	557,030	736,968
Grindstones	3	30,000	8			4,800	42,800	58,000
Gunpowder (see also High explosives)	3	215,000	42			20,240	72,918	140,621
Hairwork	22	33,700	10	75		22,937	39,960	87,260
Hammocks	2	11,000	9	37	3	8,576	24,295	49,000
Hand-knit goods	4	8,000	9	44	1	9,425	7,716	20,060
Handles, wooden	8	5,550	9			1,145	1,745	6,590
Hand-stamps	8	25,200	31	1		15,467	29,500	58,856
Hardware (see also Cutlery and edge tools; Tools)	24	668,850	528	18	22	225,638	301,076	737,400
Hardware, saddlery	3	26,000	30	1	2	17,720	9,500	36,300
Hat and cap materials	4	21,000	12			7,200	48,880	69,500
Hats and caps, not including wool hats	37	199,500	584	207	17	236,752	401,357	901,666
High explosives (see also Gunpowder)	1	45,600	15			11,700	33,550	60,000
Hones and whetstones	6	30,025	22	75		18,670	23,070	66,200
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	57	1,467,375	786	2,413	212	608,067	1,394,748	2,483,596
Housefurnishing goods	12	94,400	82	27	4	54,949	177,222	284,783
Ink	10	211,000	60	35	14	47,164	113,680	290,200
Instruments, professional and scientific	20	148,300	137	8	5	81,398	56,350	215,640
Iron and steel	30	6,788,408	6,367	21	125	2,576,539	6,657,232	10,288,921
Iron bolts, nuts, washers, and rivets	9	266,000	245	9	29	123,794	300,150	533,952
Iron doors and shutters	1	60,000	100			50,000	200,000	300,000
Iron forgings	9	509,000	214	95	2	140,708	344,894	657,003
Iron nails and spikes, cut and wrought	36	2,336,055	942	419	224	657,287	1,970,352	3,126,275
Iron pipe, wrought	3	29,500	17			9,529	26,000	40,070
Iron railing, wrought	2	38,500	23			9,950	19,560	40,360
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	6	51,500	101			34,311	69,494	202,146
Ivory and bone work	3	21,000	39	5	1	18,300	13,700	43,500
Japanning	8	42,160	48	14	2	32,687	41,919	101,465
Jewelry	105	1,936,800	2,485	743	37	1,464,993	1,681,034	4,265,525
Jewelry and instrument cases	3	7,900	9	10	1	5,920	10,100	21,300
Kaolin and ground earths	9	198,500	96		1	29,135	85,676	141,250
Kindling wood	12	32,050	71		6	25,914	37,853	84,648
Labels and tags	6	290,500	76	60		52,860	341,725	455,325
Lamps and reflectors	2	51,500	50	4	1	26,121	25,000	75,000
Lapidary work	6	45,000	43	3	3	23,932	61,075	116,700
Lard, refined	3	45,000	25			15,344	236,950	262,984
Lasts	26	230,490	217		1	164,877	110,483	386,903
Lead, bar, pipe, sheet, and shot	2	174,000	25			15,042	483,024	578,057
Leather board (see also Paper)	14	648,200	169	17	10	52,365	168,600	291,625
Leather, curried	104	4,308,169	4,209	10	32	1,939,122	19,547,978	23,282,775
Leather, dressed skins	27	513,950	589	11	12	280,809	1,359,920	1,931,617
Leather goods	6	16,200	13	2	1	5,768	47,350	92,750
Leather, tanned	133	2,712,130	2,408		32	1,093,973	11,320,288	13,556,721
Lime	8	30,200	76			26,250	37,600	86,100
Linen goods	2	330,000	155	108	48	91,949	341,934	514,451
Liquors, distilled	10	583,840	155		3	67,828	740,060	1,104,391
Liquors, malt	31	3,285,400	1,180			563,547	2,855,046	5,112,227
Lithographing (see also Printing and publishing)	13	534,550	616	98	23	352,983	463,360	1,046,676
Lock- and gun-smithing	25	33,275	53	1	2	22,860	24,810	73,660
Looking-glass and picture frames	70	199,600	415	45	14	215,848	374,548	770,908

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

B—MASSACHUSETTS, 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.			
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	39	$742,700	518	.....	5	$233,442	$773,973	$1,197,371
Lumber, sawed	606	2,480,340	1,940	.....	30	431,612	1,904,105	3,120,184
Malt	1	20,000	5	.....	.....	2,500	18,000	27,000
Mantels, slate, marble, and marbleized	1	1,200	1	.....	.....	750	1,800	3,600
Marble and stone work	199	1,273,480	2,029	1	1	835,244	1,061,482	2,594,182
Masonry, brick and stone	272	784,750	3,042	.....	1	1,309,693	1,793,923	3,711,075
Matches	3	91,000	57	57	1	40,000	247,500	313,000
Mats and matting	3	8,850	11	.....	4	6,000	8,280	20,030
Mattresses and spring beds (see also Furniture)	44	267,212	392	157	16	188,211	658,433	1,008,793
Millinery and lace goods (see also Artificial feathers and flowers)	4	38,500	15	109	20	33,300	224,000	317,000
Millstones	1	40,000	59	1	.....	24,000	24,000	63,000
Mineral and soda waters	30	180,700	214	.....	4	107,010	220,789	434,303
Mirrors	2	5,000	34	.....	.....	16,800	16,500	55,000
Mixed textiles (see also Cotton goods; Silk and silk goods; Woolen goods)	69	7,166,800	3,668	3,345	485	2,528,476	7,570,885	13,043,829
Models and patterns	39	50,050	125	2	1	58,684	23,275	136,933
Musical instruments and materials (not specified)	10	46,700	48	2	.....	23,042	11,663	49,300
Musical instruments, organs and materials	31	1,324,866	1,466	37	17	876,785	1,028,501	2,354,243
Musical instruments, pianos and materials	45	1,905,700	1,473	21	10	890,721	1,132,847	2,652,856
Needles and pins	11	185,200	212	55	26	109,719	83,268	257,413
Nets and seines	3	58,000	19	38	1	20,500	101,000	135,500
Oil, illuminating, not including petroleum refining	3	90,000	11	.....	.....	6,500	300,000	345,000
Oil, lubricating	5	89,000	32	6	.....	17,800	170,000	247,000
Oil, neat's-foot	5	14,900	19	.....	.....	5,930	73,300	89,750
Oilcloth, floor	3	46,000	83	1	.....	36,830	151,826	219,916
Oleomargarine	1	3,000	28	2	.....	6,875	50,000	65,000
Painting and paperhanging	617	670,528	2,530	4	17	1,064,367	1,076,024	2,902,719
Paints (see also Varnish)	18	596,100	209	8	2	105,805	783,393	987,960
Paper (see also Cardboard; Collars and cuffs, paper; Envelopes; Leather board; Wood pulp).	96	11,722,046	3,523	3,563	62	2,467,359	9,213,221	15,188,196
Paperhangings	1	5,000	1	.....	3	1,750	2,000	4,900
Patent medicines and compounds (see also Drugs and chemicals)	40	521,350	247	132	7	187,607	664,486	1,456,376
Paving materials	12	34,000	102	.....	.....	33,242	38,582	88,544
Pencils, lead	2	5,500	5	4	.....	2,115	2,500	7,000
Pens, gold	2	900	1	.....	.....	900	1,050	4,300
Perfumery and cosmetics	11	83,100	39	23	1	21,000	187,920	330,600
Photographic apparatus	2	5,500	6	.....	.....	2,190	1,200	4,350
Photographing	126	319,450	330	188	6	189,319	179,529	575,952
Photographing materials	1	15,000	12	3	.....	10,000	25,000	40,000
Pickles, preserves, and sauces	8	50,675	35	27	2	26,452	146,708	236,852
Plated and britannia ware (see also Silverware)	6	360,000	578	151	10	366,800	252,110	672,000
Plumbing and gasfitting	210	485,700	1,005	4	22	492,969	939,539	1,862,071
Pocket-books	8	39,900	63	99	5	44,350	74,210	156,603
Postal cards	1	20,000	10	18	.....	10,000	200,000	190,000
Printing and publishing (see also Lithographing)	230	3,712,869	3,819	980	195	2,774,818	2,621,983	7,757,266
Printing materials	4	15,300	12	1	2	8,460	12,000	28,050
Pumps, not including steam pumps	15	38,450	33	.....	.....	11,393	18,640	43,895
Refrigerators	7	56,850	70	.....	.....	25,425	48,400	98,400
Regalia and society banners and emblems	2	700	3	4	.....	1,750	750	4,500
Roofing and roofing materials	60	213,925	317	.....	.....	147,981	369,529	657,264
Rubber and elastic goods	22	1,811,000	881	897	63	649,016	2,722,916	4,206,465
Rules, ivory and wood	1	500	.....	.....	.....	.....	50	1,900
Saddlery and harness	294	520,625	966	43	10	372,914	750,912	1,497,600
Safes, doors, and vaults, fire-proof	3	52,000	170	.....	.....	69,800	186,000	310,000
Salt	5	9,000	8	.....	.....	1,030	20	3,800
Sand and emery paper and cloth	2	46,000	28	6	.....	11,020	49,020	79,374
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	56	740,345	777	4	30	358,951	816,398	1,389,326
Saws	8	135,800	108	.....	.....	50,861	112,496	205,951
Scales and balances	5	70,000	55	1	4	30,570	20,440	77,613
Screws	9	163,000	202	7	14	72,587	123,452	253,500
Sewing machines and attachments	12	1,052,200	976	18	17	445,377	694,229	1,366,696
Shipbuilding	276	1,765,450	1,328	.....	.....	804,571	1,173,640	2,281,666
Shirts	20	150,050	66	428	9	111,519	320,554	564,500
Shoddy (see also Mixed textiles)	30	400,500	334	105	32	173,439	1,308,715	2,305,985
Show-cases	6	11,800	18	.....	1	9,200	11,360	32,380
Silk and silk goods (see also Mixed textiles)	22	1,306,900	353	1,285	188	521,725	1,990,515	3,764,260
Silversmithing	5	4,250	11	2	.....	5,811	4,176	16,235
Silverware (see also Plated and britannia ware)	3	8,800	9	.....	.....	3,000	8,385	13,960
Slaughtering and meat-packing, not including retail butchering establishments.	77	2,904,440	1,258	.....	5	653,149	20,657,330	22,951,782
Smelting and refining (base scrap-metal, not from the ore)	1	800	4	.....	.....	800	8,400	11,000
Soap and candles	119	2,005,325	655	29	30	306,539	3,492,604	4,489,555
Soda-water apparatus	3	95,000	189	5	6	73,335	279,638	487,306
Spectacles and eyeglasses	13	96,200	237	18	16	124,675	147,778	330,859
Sporting goods	13	303,000	41	245	25	69,125	268,552	398,890
Springs, steel, car, and carriage	6	7,450	21	.....	.....	6,750	21,500	40,509
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	2	185,000	262	73	6	141,000	193,000	378,000
Starch	2	50,000	22	.....	.....	12,175	81,553	109,710
Stationery goods	11	53,800	76	11	3	43,935	110,848	221,703
Steam fittings and heating apparatus (see also Foundery and machine-shop products).	18	1,068,000	717	.....	17	369,556	536,984	1,196,544
Stencils and brands	16	33,300	30	4	4	16,975	16,060	58,294
Stereotyping and electrotyping (see also Type founding)	6	43,000	98	2	.....	61,721	36,408	122,630
Stone- and earthen-ware	18	187,000	194	13	4	94,825	50,740	244,336

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

B—MASSACHUSETTS, 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.			
Straw goods	33	$2,361,960	2,531	5,185	93	$1,968,232	$4,117,162	$6,898,628
Sugar and molasses, refined	5	1,979,500	525	.....	.....	288,860	21,482,764	22,880,439
Surgical appliances (see also Artificial limbs)	9	33,200	40	21	3	36,230	50,430	120,000
Taxidermy	4	2,300	8	2	.....	3,500	5,900	15,800
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	2	112,000	185	.....	15	90,600	239,025	409,030
Terra-cotta ware (see also Brick and tile; Drain and sewer pipe)	1	16,000	20	.....	2	10,000	3,235	14,558
Tinware, copperware, and sheet-iron ware (see also Coppersmithing; Stamped ware).	375	1,323,253	1,559	84	19	731,647	1,426,392	2,901,133
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	7	257,400	60	158	9	46,131	118,139	217,778
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	271	675,111	1,000	408	27	595,355	1,111,135	2,074,219
Tools (see also Cutlery and edge tools; Hardware)	49	614,527	484	11	10	252,244	204,936	625,709
Toys and games	14	136,500	232	40	25	105,613	73,485	256,172
Trunks and valises	25	111,500	177	6	.....	92,163	251,511	430,391
Type founding (see also Stereotyping and electrotyping)	4	147,200	111	86	5	100,263	67,443	222,000
Umbrellas and canes	4	27,600	22	15	.....	15,010	36,425	89,814
Upholstering (see also Furniture)	83	172,857	271	57	3	153,757	324,807	611,968
Upholstering materials	2	8,500	12	.....	.....	3,500	14,000	22,500
Varnish (see also Paints)	7	85,500	24	.....	.....	14,239	230,350	306,500
Veneering	1	25,000	19	.....	.....	4,530	4,150	25,000
Vinegar	23	166,200	86	.....	2	27,976	124,150	186,920
Washing-machines and clothes-wringers	2	40,150	17	.....	.....	9,600	61,200	123,000
Watch and clock materials	3	13,500	10	9	.....	6,700	2,160	14,820
Watch and clock repairing	63	71,900	78	1	.....	40,029	30,012	123,720
Watch cases	5	65,000	103	16	3	86,142	274,480	427,371
Watches	5	1,880,500	1,029	575	.....	912,845	730,081	1,915,913
Whalebone and rattan	4	24,500	31	21	2	19,115	41,044	69,417
Wheelbarrows	1	1,000	2	.....	.....	575	700	1,500
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	378	418,456	647	.....	2	264,638	288,026	861,165
Whips	47	660,410	333	153	8	226,784	381,293	962,892
Window blinds and shades	19	171,750	161	45	12	66,050	209,377	335,932
Wire	8	1,742,000	2,442	22	12	961,400	2,987,900	4,530,399
Wirework	26	328,375	299	130	19	172,928	452,454	761,881
Wood pulp	6	100,350	66	.....	.....	19,760	93,128	167,683
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	118	666,360	969	21	37	413,236	637,795	1,350,018
Wooden ware	26	342,550	385	13	39	156,541	269,937	524,680
Woolen goods (see also Carpets, other than rag; Felt goods; Gloves and mittens; Mixed textiles; Wool hats; Worsted goods).	167	24,680,782	13,146	8,210	2,265	7,457,115	27,839,583	45,699,203
Wool hats (see also Woolen goods)	6	430,325	578	214	101	313,935	829,100	1,438,041
Worsted goods (see also Woolen goods)	23	6,195,247	1,813	3,340	630	1,870,030	6,465,476	10,466,016
Zinc	2	15,000	12	.....	.....	2,250	32,000	38,500

A—MICHIGAN, BY TOTALS OF COUNTIES.

The State	8,873	$92,930,959	68,445	4,784	4,362	$25,313,682	$92,900,269	$150,715,625
COUNTIES.								
Alcona	6	146,000	97	.....	5	31,325	152,192	224,792
Allegan	222	1,007,960	754	26	46	255,314	1,669,306	2,328,811
Alpena	41	812,950	679	9	43	206,152	930,135	1,452,057
Antrim	14	571,750	276	.....	6	105,458	230,943	445,474
Baraga	8	91,500	53	.....	1	17,500	170,071	245,675
Barry	90	272,000	296	6	11	76,953	404,158	580,895
Bay	151	5,659,644	3,081	22	193	1,113,393	5,633,431	8,100,163
Benzie	29	360,700	236	.....	10	67,603	400,607	552,295
Berrien	197	1,245,116	1,566	176	96	497,727	1,696,117	2,641,519
Branch	129	489,665	608	51	38	221,374	644,156	1,179,014
Calhoun	147	2,166,050	1,222	112	20	456,934	1,987,101	3,238,515
Cass	132	445,770	399	57	13	129,223	592,448	886,768
Charlevoix	16	66,300	49	1	.....	10,705	48,595	73,618
Cheboygan	15	807,000	170	.....	.....	40,122	395,855	579,552
Chippewa	4	314,500	134	3	5	34,600	84,950	141,995
Clare	8	25,277	99	.....	.....	32,820	89,972	170,150
Clinton	120	390,310	451	9	13	144,306	563,220	1,099,277
Crawford	4	15,200	34	.....	.....	7,175	31,750	59,750
Delta	17	924,600	608	2	1	204,747	501,501	735,451
Eaton	157	431,240	569	3	20	142,964	463,581	831,941
Emmet	19	215,300	125	2	9	39,437	134,219	218,430
Genesee	191	1,456,906	923	55	32	323,823	1,527,951	2,201,120
Gladwin	4	2,300	11	.....	.....	915	3,285	7,655
Grand Traverse	38	684,550	351	1	4	117,210	345,610	590,502
Gratiot	66	289,925	358	7	4	106,505	312,790	535,567
Hillsdale	221	658,812	661	53	20	199,655	1,161,051	1,648,411
Houghton	28	256,937	162	1	16	58,453	205,872	354,588
Huron	89	572,800	774	.....	27	188,352	526,019	899,159
Ingham	249	957,210	1,135	11	46	328,034	1,177,374	1,907,820
Ionia	148	805,350	844	18	15	228,244	987,919	1,544,206
Iosco	37	1,365,900	738	.....	63	246,920	1,395,995	2,197,530
Isabella	39	291,540	142	3	.....	31,205	144,317	233,206
Isle Royale (a)	.....	.....	.....	.....	.....	.....	.....	.....
Jackson	273	1,987,057	1,494	265	17	592,845	2,173,136	3,620,731
Kalamazoo	219	1,058,176	1,242	172	66	481,495	1,548,982	2,709,375

a Returned as having no manufactures.

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

A—MICHIGAN, 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.			
Kalkaska	11	$26,100	51	.....	.....	$19,300	$78,805	$149,403
Kent	542	6,132,904	5,758	358	489	2,257,035	5,204,673	9,578,779
Keweenaw	3	15,300	20	.....	3	4,625	8,525	16,400
Lake	24	129,200	229	5	.....	69,338	195,132	276,003
Lapeer	165	997,702	931	44	11	286,390	1,398,667	2,177,553
Leelanaw	24	130,000	221	1	.....	14,909	63,213	111,374
Lenawee	348	1,683,588	1,260	111	51	394,299	1,603,886	2,636,748
Livingston	86	291,760	248	1	12	62,681	372,072	546,907
Mackinac	3	495,000	125	2	.....	33,750	72,667	163,574
Macomb	194	573,677	789	1	44	227,926	716,752	1,265,419
Manistee	74	2,694,900	1,301	4	129	467,546	1,468,843	2,937,501
Manitou	5	6,150	28	.....	.....	3,750	3,741	8,960
Marquette	76	1,272,425	827	2	26	261,617	790,531	1,246,975
Mason	44	3,722,200	740	.....	47	236,469	1,293,584	2,120,749
Mecosta	47	580,700	420	.....	1	149,803	516,480	876,314
Menominee	19	1,556,900	592	13	58	240,567	1,461,516	2,283,543
Midland	30	186,700	212	.....	16	66,469	248,880	434,352
Missaukee	5	12,500	26	.....	.....	2,250	6,200	14,905
Monroe	130	503,710	575	11	56	149,511	527,284	868,703
Montcalm	253	1,905,400	2,548	34	19	915,988	3,280,979	5,440,109
Muskegon	181	5,755,360	2,969	27	221	1,080,810	5,408,600	9,027,241
Newaygo	65	802,800	620	4	16	232,221	1,106,814	1,704,132
Oakland	332	829,302	680	235	117	269,128	1,248,878	1,916,152
Oceana	52	641,200	549	3	4	159,061	383,294	690,986
Ogemaw	2	22,000	7	.....	.....	2,170	7,100	11,900
Ontonagon	2	41,000	23	.....	8	6,000	31,000	57,500
Osceola	52	456,325	306	7	15	98,116	373,195	583,454
Oscoda (a)	.....	.....	.....	.....	.....	.....	.....	.....
Otsego	6	373,000	110	.....	.....	32,725	124,700	218,500
Ottawa	176	2,173,650	1,255	10	127	409,000	2,629,587	3,865,754
Presque Isle	9	29,300	31	.....	.....	3,057	8,321	18,166
Roscommon	1	100,000	25	.....	.....	12,000	45,000	76,000
Saginaw	428	5,155,235	4,036	95	398	1,478,131	5,905,209	9,312,465
Saint Clair	200	1,229,015	950	18	64	323,565	1,483,573	2,194,342
Saint Joseph	222	1,049,171	804	21	6	222,652	1,171,019	1,811,489
Sanilac	78	193,575	285	3	6	69,900	335,808	555,966
Schoolcraft	3	671,000	40	.....	.....	15,000	75,800	154,000
Shiawassee	140	552,398	588	6	8	172,051	627,516	1,037,354
Tuscola	128	320,737	380	9	13	90,873	451,945	722,162
Van Buren	175	941,455	1,255	8	25	308,509	1,173,567	1,818,740
Washtenaw	277	1,693,614	1,283	146	41	456,641	2,026,095	3,018,568
Wayne	1,088	18,791,561	14,598	2,540	1,487	7,178,196	19,984,231	33,469,759
Wexford	36	745,550	409	.....	4	149,175	681,069	1,137,042

a Returned as having no manufactures.

B—MICHIGAN, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	8,873	$92,036,959	68,445	4,784	4,362	$25,313,682	$92,000,269	$150,715,025
Agricultural implements	143	2,488,287	1,958	3	43	650,192	1,337,945	3,102,038
Artificial limbs (see also Surgical appliances)	1	6,000	4	.....	.....	3,500	500	6,500
Awnings and tents	1	500	2	.....	.....	300	1,000	1,700
Baking and yeast powders (see also Drugs and chemicals)	8	44,000	39	12	3	20,896	109,300	178,600
Baskets, rattan and willow ware	11	24,600	37	12	22	24,100	17,295	58,000
Belting and hose, leather	2	10,500	11	.....	5	5,640	49,000	74,000
Billiard tables and materials	2	18,000	17	.....	.....	11,500	24,000	42,000
Blacking	4	7,650	13	1	.....	3,130	11,000	23,060
Blacksmithing (see also Wheelwrighting)	965	692,108	1,113	.....	17	358,604	503,784	1,539,195
Bookbinding and blank-book making	8	158,300	65	57	9	36,258	54,215	128,788
Boot and shoe findings	1	500	2	2	1	945	1,200	5,000
Boot and shoe uppers	3	7,300	22	12	2	12,150	20,500	42,200
Boots and shoes, including custom work and repairing	640	826,567	1,536	74	32	646,164	1,235,946	2,437,556
Boxes, cigar	9	48,200	47	39	35	30,945	72,772	134,555
Boxes, fancy and paper	5	12,900	15	41	5	15,410	39,750	73,000
Boxes, wooden, packing	23	221,880	444	43	99	141,259	301,592	544,045
Brass castings	3	19,500	60	.....	1	22,150	19,271	50,101
Bread and other bakery products	113	438,325	401	27	46	223,095	1,065,907	1,540,465
Brick and tile	179	710,259	1,730	45	158	346,845	230,878	822,475
Bridges	1	300,000	194	.....	96	75,000	269,050	357,023
Brooms and brushes	31	141,050	162	87	102	88,386	163,699	305,177
Carpentering	162	427,700	1,303	10	10	481,161	996,904	1,747,738
Carpets, rag	7	2,100	7	.....	1	1,768	3,050	8,188
Carriage and wagon materials	17	109,025	167	.....	.....	47,782	89,976	179,031
Carriages and sleds, children's	3	13,000	22	1	7	10,450	11,800	31,900
Carriages and wagons (see also Wheelwrighting)	208	1,739,991	1,934	2	52	769,814	1,272,623	2,741,143
Cars, railroad, street, and repairs	3	736,896	778	.....	16	405,448	906,211	1,466,256
Cement	1	75,000	20	.....	.....	5,000	9,000	13,000
Charcoal	59	153,425	692	2	2	195,207	123,457	417,264
Cheese and butter (factory)	74	129,925	88	23	3	21,103	218,479	317,877

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

B—MICHIGAN, 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.			
Clothing, men's	136	$1,407,625	658	1,064	4	$631,163	$1,851,037	$3,029,478
Clothing, women's	4	14,800	.....	60	.....	13,780	14,300	36,100
Coffee and spices, roasted and ground	5	72,450	33	6	1	19,650	159,000	213,000
Coffins, burial cases, and undertakers' goods	13	100,600	120	1	5	50,698	72,279	184,303
Combs	1	6,000	11	1	.....	3,500	6,500	12,000
Confectionery	21	308,475	187	94	10	103,361	624,750	802,273
Cooperage	265	558,569	1,280	.....	56	409,186	827,671	1,584,469
Cordage and twine	1	1,000	2	.....	.....	700	800	4,000
Corsets	7	88,950	36	322	16	80,610	204,700	391,300
Cotton goods (see also Hosiery and knit goods)	3	72,000	36	88	14	20,800	48,500	86,000
Cutlery and edge tools (see also Hardware; Tools)	9	39,000	50	.....	3	23,002	26,710	68,212
Dentistry, mechanical	30	41,300	16	3	1	8,996	20,010	65,467
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	38	216,150	192	21	16	66,609	115,761	447,611
Dyeing and cleaning	6	16,200	10	14	.....	9,228	5,700	22,700
Electrical apparatus and supplies (see also Telegraph and telephone apparatus).	1	3,000	1	.....	.....	150	500	1,400
Electroplating	5	2,750	16	1	.....	5,263	5,295	14,300
Emery wheels	1	20,000	30	.....	.....	15,000	35,000	70,000
Engraving and die-sinking	2	1,000	1	.....	.....	780	700	3,600
Explosives and fireworks	1	4,000	2	1	2	1,400	4,275	7,161
Fancy articles	1	500	2	.....	.....	3,120	6,500	13,000
Fertilizers	1	50,000	35	.....	.....	10,694	10,136	27,081
Files (see also Saws)	7	20,750	60	.....	14	23,278	29,440	68,900
Flavoring extracts	1	25,000	8	1	11	7,000	30,000	50,000
Flouring- and grist-mill products	706	7,704,464	2,254	.....	1	726,289	20,068,615	23,546,875
Food preparations (see page 30)	1	3,000	8	.....	.....	1,800	2,000	5,500
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	220	5,558,197	3,623	.....	118	1,558,560	2,469,754	5,271,142
Fruits and vegetables, canned and preserved	12	61,100	113	138	34	23,377	76,568	129,315
Furniture (see also Mattresses and spring beds; Upholstering)	195	2,442,286	3,015	31	208	1,141,050	1,541,559	3,514,176
Furniture, chairs	10	371,050	393	51	118	100,731	143,692	279,792
Furs, dressed	2	1,600	4	7	.....	4,400	9,800	24,000
Galvanizing	1	7,000	15	.....	.....	2,217	8,491	20,200
Gas machines and meters	1	75,000	35	.....	.....	22,000	20,000	56,000
Glass	1	65,000	50	.....	4	30,000	35,113	90,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	7	10,800	10	19	.....	7,000	9,950	25,287
Glue	1	3,000	2	.....	.....	600	1,000	3,000
Grease and tallow	1	600	1	.....	.....	300	4,500	5,000
Grindstones	2	45,000	168	.....	.....	40,000	23,600	77,000
Gunpowder (see also High explosives)	1	75,000	18	.....	.....	10,000	75,000	90,000
Hairwork	5	6,700	1	20	.....	5,320	5,300	16,500
Handles, wooden	22	74,300	152	.....	13	43,580	47,265	151,800
Hardware (see also Cutlery and edge tools; Tools)	10	66,500	69	.....	7	23,738	45,315	102,889
Hats and caps, not including wool hats	10	303,350	106	143	3	76,419	132,875	303,250
High explosives (see also Gunpowder)	1	25,000	10	.....	.....	9,000	34,000	44,000
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	11	147,389	80	706	176	92,324	226,627	377,249
Housefurnishing goods	4	47,500	68	32	12	39,600	64,480	128,600
Ink	1	1,000	2	.....	.....	700	2,000	5,000
Instruments, professional and scientific	4	12,800	11	.....	.....	4,925	4,896	15,374
Iron and steel	22	4,175,386	3,054	.....	35	922,597	3,279,420	4,591,613
Iron bolts, nuts, washers, and rivets	1	100,000	58	.....	40	38,030	188,988	283,947
Iron forgings	1	50,000	50	.....	15	36,000	90,000	150,000
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	2	2,000	14	.....	.....	6,500	7,500	18,350
Jewelry	10	89,802	57	.....	4	40,915	59,251	138,600
Kindling wood	1	13,000	12	.....	8	5,600	7,000	10,000
Lasts	1	5,000	15	.....	.....	7,000	3,500	15,000
Leather, curried	44	256,311	113	3	.....	51,950	812,065	996,932
Leather, dressed skins	1	4,000	9	3	2	1,800	4,000	8,000
Leather, tanned	66	1,081,489	458	3	.....	222,228	1,450,550	2,029,653
Lime	18	158,800	91	.....	.....	28,834	67,616	121,416
Liquors, malt	113	2,212,848	633	6	4	285,726	1,225,886	2,184,392
Liquors, vinous	1	3,600	2	.....	.....	250	700	1,570
Lock- and gun-smithing	19	17,775	21	.....	.....	8,264	5,650	28,784
Looking-glass and picture frames	30	310,850	315	80	63	155,042	262,655	563,737
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	54	578,500	513	.....	35	202,011	629,630	1,076,049
Lumber, sawed	1,649	39,260,428	22,782	143	1,360	6,967,905	32,251,372	52,440,928
Malt	1	30,000	7	.....	.....	3,600	27,000	33,000
Marble and stone work	86	292,550	423	1	11	206,809	274,446	674,780
Masonry, brick and stone	39	61,540	330	.....	2	100,210	153,898	309,334
Matches	2	260,000	95	205	75	80,000	130,000	237,500
Mattresses and spring beds (see also Furniture)	18	82,085	47	2	2	16,471	53,005	93,408
Mineral and soda waters	13	25,995	20	1	5	8,423	16,166	40,800
Models and patterns	6	8,800	12	.....	1	7,830	3,275	18,700
Musical instruments, organs and materials	4	137,000	139	.....	27	64,850	83,177	202,179
Musical instruments, pianos and materials	1	4,000	4	.....	.....	2,200	1,500	5,500
Needles and pins	2	180,000	28	37	6	27,600	64,500	150,000
Oil, essential	57	24,530	105	.....	.....	6,750	30,968	82,123
Oil, lubricating	1	52,000	8	.....	.....	2,700	3,560	12,000
Paints (see also Varnish)	1	50	.....	.....	.....	.....	100	500
Painting and paperhanging	71	144,525	453	.....	11	184,957	278,027	567,570
Paper (see also Wood pulp)	21	1,033,338	428	132	29	214,812	730,614	1,204,664
Patent medicines and compounds (see also Drugs and chemicals)	20	89,800	52	38	6	28,847	58,180	158,982

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

B—MICHIGAN, 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.			
Pens, gold	1	$200	1			$400	$500	$2,000
Perfumery and cosmetics	4	25,500	20	9	5	12,900	42,000	94,000
Photographing	47	83,300	71	22	4	39,146	46,305	152,683
Pickles, preserves, and sauces	1	3,000	3		3	2,000	6,000	12,000
Pipes, tobacco	2	1,700	13	8	2	6,400	2,500	15,400
Plumbing and gasfitting	26	209,700	222		3	113,933	225,572	440,494
Printing and publishing	114	1,374,625	1,151	111	157	623,175	503,890	1,576,526
Pumps, not including steam pumps	30	93,137	55		1	20,522	36,546	103,052
Refrigerators	3	10,600	17		1	11,480	11,100	27,316
Regalia and society banners and emblems	2	10,000	5	11	1	4,420	22,000	42,000
Roofing and roofing materials	11	43,350	85		5	32,562	98,094	160,790
Rules, ivory and wood	1	800	1			200	400	800
Saddlery and harness	335	509,336	660	2	12	254,401	662,314	1,276,616
Safes, doors, and vaults, fire-proof	1	195,000	150			55,600	95,000	165,400
Salt	86	2,147,209	1,416		52	541,852	1,009,793	2,271,913
Salt, ground	1	7,000	7	7	6	5,000	19,000	30,000
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	126	1,624,257	1,474		97	506,004	1,278,996	2,440,402
Saws	7	40,900	24		4	15,116	34,200	64,480
Scales and balances	2	1,200	8		1	6,170	2,300	9,200
Sewing machines and attachments	2	2,800	6			3,600	3,500	11,000
Shipbuilding	72	476,775	1,537			745,933	1,080,985	2,034,636
Shirts	12	16,000	40	85	1	26,785	36,445	79,871
Show-cases	3	34,200	30		1	12,453	16,770	40,660
Silversmithing	1	3,000	2			400	1,500	2,900
Slaughtering and meat-packing, not including retail butchering establishments.	12	573,000	102		10	89,527	1,712,479	2,065,634
Soap and candles	15	62,742	54	2		20,610	74,000	124,758
Spectacles and eyeglasses	3	45,000	53	5	10	23,400	24,500	71,000
Sporting goods	2	23,000	59	12	11	27,000	18,000	59,000
Springs, steel, car and carriage	2	100,000	90		5	30,000	168,000	230,000
Stamped ware (see also Tinware, copperware, and sheet-iron ware)	1	600					300	1,200
Steam fittings and heating apparatus (see Foundery and machine-shop products).	1	651	2			634	4,586	6,039
Stencils and brands	7	10,200	10			11,000	11,000	35,600
Stone- and earthen-ware	8	26,500	34			12,000	6,678	30,950
Surgical appliances (see also Artificial limbs)	1	500	2			600	500	2,220
Telegraph and telephone apparatus (see also Electrical apparatus and supplies).	1	6,000	9			4,200	20,000	35,000
Tinware, copperware, and sheet-iron ware (see also Stamped ware)	291	470,020	652	1	32	290,004	515,077	1,114,874
Tobacco, chewing, smoking, and snuff (see also Tobacco, cigars and cigarettes).	6	545,000	238	175	130	126,725	904,554	1,519,140
Tobacco, cigars and cigarettes (see also Tobacco, chewing, smoking, and snuff).	162	694,302	1,298	156	156	541,727	968,410	2,146,080
Tools (see also Cutlery and edge tools; Hardware)	4	11,100	10			4,103	5,402	16,540
Toys and games	1	4,000	6		6	1,500	500	3,000
Trunks and valises	4	38,500	81		14	44,610	83,358	147,400
Umbrellas and canes	1	12,000	3	3	2	2,050	7,500	15,000
Upholstering (see also Furniture)	15	72,070	94	5	10	40,607	140,844	226,767
Upholstering materials	3	13,500	7		4	4,200	7,800	18,425
Varnish (see also Paints)	3	504,000	62		6	43,100	304,500	452,000
Veneering	1	3,000	4			1,000	1,000	4,000
Vinegar	12	36,900	36		1	6,745	9,205	42,910
Washing-machines and clothes-wringers	8	46,375	67	4	1	18,109	22,525	58,400
Watch and clock repairing	37	48,050	46	1		24,559	11,807	63,124
Wheelbarrows	2	22,000	23			7,000	12,000	28,500
Wheelwrighting (see also Blacksmithing; Carriages and wagons)	416	462,875	615		13	197,746	258,878	754,242
Whips	3	7,000	8	4	5	3,900	3,540	11,350
Windmills	11	89,750	85	1		26,455	94,300	159,340
Window blinds and shades	5	30,200	73	20	28	23,100	49,750	85,000
Wirework	7	88,100	136	10	22	70,600	99,400	196,624
Wood pulp	3	90,000	69		3	25,400	118,000	175,000
Wood, turned and carved (see also Lumber, planed; Sash, doors, and blinds).	18	36,850	45		8	20,736	18,800	70,004
Wooden ware	21	839,550	918	45	185	320,993	398,250	869,998
Woolen goods (see also Gloves and mittens)	39	558,800	203	114	30	76,240	350,614	481,517

A—MINNESOTA. BY TOTALS OF COUNTIES.

The State	3,493	$31,004,811	18,937	1,636	674	$8,613,094	$55,660,681	$76,065,198
COUNTIES:								
Aitkin (a)								
Anoka	32	612,400	328	8	4	99,616	1,353,531	1,740,331
Becker	11	124,800	35			18,530	150,600	202,374
Beltrami (a)								
Benton	5	63,200	15			7,700	13,100	22,500
Big Stone	6	4,650	2			375	2,475	6,900
Blue Earth	122	774,235	465	4	10	168,015	819,018	1,188,679
Brown	27	182,005	106	1	8	41,995	380,263	403,486
Carlton	5	148,000	113			42,500	169,200	271,500
Carver	52	215,475	236		39	60,482	260,275	409,787
Cass	1	115,000	40			16,000	75,000	108,300
Chippewa	7	33,850	9			1,948	35,716	45,223
Chisago	36	137,050	71		1	25,431	161,648	237,946
Clay	13	88,175	64			24,738	138,766	215,608
Cook (a)								

a Returned as having no manufactures.

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

A—MINNESOTA, 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.			
Cottonwood	18	$50,000	38			$9,493	$82,536	$113,204
Crow Wing	11	39,950	49			14,310	48,505	97,080
Dakota	65	467,725	282	1	2	94,143	766,771	982,199
Dodge	20	91,600	42			10,686	135,480	168,472
Douglas	35	63,675	73	1		20,295	138,282	202,122
Faribault	49	152,475	119	1	1	45,632	403,141	522,891
Fillmore	124	777,875	311	4	1	123,229	1,139,091	1,380,489
Freeborn	25	55,200	54	1	3	18,345	130,796	174,292
Goodhue	141	1,105,260	707	13	16	286,082	1,869,051	2,448,278
Grant	4	24,600	9			2,835	28,490	41,047
Hennepin	442	9,853,166	5,119	457	186	2,732,799	25,431,152	31,601,970
Houston	50	299,400	86	7		28,809	656,824	807,352
Isanti	7	10,900	18			3,245	37,250	52,940
Itasca (a)								
Jackson	10	33,300	14			2,374	35,500	45,529
Kanabec	2	4,000	3			551	2,130	3,532
Kandiyohi	11	54,550	27			6,775	76,150	94,712
Kittson	3	2,500	7			520	2,020	3,875
Lac-qui-parle (a)								
Lake	3	11,500	15			2,642	7,725	14,008
Le Sueur	62	167,100	131		2	34,549	362,075	491,617
Lincoln (a)								
Lyon	34	52,200	55			15,345	108,640	153,324
McLeod	58	109,150	71			24,717	137,940	215,821
Marshall (a)								
Martin	2	11,000	3			450	21,522	24,141
Meeker	36	194,725	76		4	29,433	325,429	403,413
Mille Lacs	7	27,450	30			9,240	68,180	89,334
Morrison	25	89,270	44	2	3	12,794	85,168	134,048
Mower	30	170,200	73	1	3	26,938	252,651	324,812
Murray	5	13,050	6		1	1,600	30,050	36,080
Nicollet	77	147,315	124		3	39,789	246,075	365,639
Nobles	2	24,500	11			3,050	32,722	37,400
Olmsted	97	475,031	333	7	3	112,609	548,477	790,973
Otter Tail	41	302,562	121	1	4	41,388	355,205	483,268
Pine	8	56,700	78			18,900	88,450	144,250
Pipe Stone (a)								
Polk	12	66,300	54			15,947	117,400	153,008
Pope	12	21,000	16			2,770	39,400	50,162
Ramsey	597	4,392,391	4,094	1,092	258	2,329,920	5,826,867	10,853,863
Redwood	23	39,325	18			6,400	37,266	78,157
Renville	6	51,400	28	1		7,000	180,380	213,447
Rice	159	975,325	537	13	14	220,077	2,191,914	2,917,416
Rock	4	15,400	8			2,200	30,310	38,958
Saint Louis	17	280,900	317	12	3	61,145	110,928	203,783
Scott	82	426,125	252	1	12	103,621	988,411	1,255,274
Sherburne	13	95,800	46		12	15,972	129,833	203,799
Sibley	12	63,400	43			13,622	169,294	214,509
Stearns	104	486,825	363	1	3	132,927	714,860	1,062,231
Steele	75	268,175	180	1	1	82,131	496,863	704,935
Stevens	14	44,000	20			9,500	59,000	78,185
Swift	21	64,650	29		1	9,980	136,430	175,742
Todd	17	48,125	35	2		8,442	86,745	116,135
Traverse	1	300	1			104	25	500
Wabasha	90	519,175	281		4	107,924	1,095,067	1,423,086
Wadena	9	20,350	10			2,300	19,770	28,850
Waseca	32	191,980	119		4	33,123	432,645	519,167
Washington	154	3,149,785	1,847	5	40	789,292	3,162,204	4,801,531
Watonwan	11	21,550	12			2,650	7,915	17,860
Wilkin	2	11,200	4			1,150	11,343	14,135
Winona	132	2,104,951	892	2	23	345,384	1,903,239	2,884,026
Wright	62	144,520	103	2	1	24,066	378,772	406,318
Yellow Medicine	5	59,000	11			4,550	110,830	169,270

a Returned as having no manufactures.

B—MINNESOTA, BY SPECIFIED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	3,493	$31,004,811	18,937	1,636	674	$8,013,094	$55,660,681	$76,065,198
Agricultural implements	32	2,315,222	1,196	1		507,085	975,890	2,340,288
Awnings and tents	4	11,950	9	20	4	8,000	96,700	131,400
Bags, other than paper	1	2,000	4	1		1,200	20,000	24,000
Baking and yeast powders (see also Drugs and chemicals)	1	500			1	150	500	1,800
Baskets, rattan and willow ware	2	300	2			500	200	2,000
Bells	1	500	2			500	400	1,600
Blacksmithing (see also Wheelwrighting)	437	371,100	499		3	182,100	265,767	765,807
Bookbinding and blank-book making	6	50,000	44	27	8	35,241	33,269	98,941
Boot and shoe uppers	1	10,000	2	3		2,650	25,000	40,000
Boots and shoes, including custom work and repairing	271	681,046	681	37	23	334,637	768,117	1,422,053
Boxes, cigar	3	4,500	6	3		2,602	4,750	9,500
Boxes, fancy and paper	4	2,600	3	4	7	2,485	2,600	8,800
Boxes, wooden, packing	1	1,000	6		2	2,500	3,000	6,000
Brass castings	3	17,000	15			8,506	32,178	47,250
Bread and other bakery products	46	133,450	122	17	7	58,345	342,260	494,755

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.			
Brick and tile (see also Drain and sewer pipe)	87	$281,705	928	5	77	$200,208	$114,610	$502,075
Brooms and brushes	10	9,600	22	2	.....	10,960	23,372	46,200
Buttons	1	1,000	.....	.....	.....	.....	200	600
Carpentering	138	234,575	1,008	.....	2	436,051	985,707	1,722,877
Carpets, rag	4	410	1	.....	1	450	850	2,650
Carriages and sleds, children's	1	800	3	.....	.....	400	150	1,200
Carriages and wagons (see also Wheelwrighting)	51	423,800	475	.....	.....	218,190	300,620	728,017
Cheese and butter (factory)	27	71,149	31	5	2	7,680	38,262	62,094
Clothing, men's	115	467,875	539	536	14	406,361	910,137	1,662,855
Clothing, women's	9	31,200	1	80	.....	24,100	93,350	147,900
Coffee and spices, roasted and ground	6	113,500	16	6	9	13,725	128,450	180,500
Coffins, burial cases, and undertakers' goods	2	3,100	3	.....	.....	1,480	3,000	7,500
Confectionery	14	66,850	46	6	1	24,730	120,400	176,350
Cooperage	72	301,650	680	.....	41	322,559	529,299	1,007,643
Corsets	2	5,000	.....	14	.....	4,425	7,900	14,750
Cotton goods (see also Hosiery and knit goods)	1	5,000	4	12	6	6,400	30,000	40,000
Cutlery and edge tools (see also Tools)	2	2,000	3	.....	.....	1,800	400	5,160
Dentistry, mechanical	18	16,950	8	.....	1	3,982	9,360	46,830
Drain and sewer pipe (see also Brick and tile)	2	15,000	7	.....	.....	3,000	4,300	10,700
Drugs and chemicals (see also Baking and yeast powders; Patent medicines and compounds).	8	28,550	12	.....	.....	4,600	19,750	40,800
Dyeing and cleaning	5	12,150	4	1	.....	2,550	2,350	10,450
Electroplating	1	200	1	.....	.....	50	100	800
Engraving and die-sinking	1	4,000	2	.....	.....	1,100	1,500	5,000
Engraving, wood	1	200	.....	.....	.....	.....	200	1,800
Explosives and fireworks	1	500	.....	.....	.....	.....	2,000	3,000
Fertilizers	1	50,000	18	.....	.....	8,424	89,500	100,000
Files (see also Saws)	1	1,000	5	.....	.....	3,500	500	4,500
Flavoring extracts	1	6,000	3	1	.....	2,500	14,000	20,000
Flouring- and grist-mill products	436	10,510,362	2,634	.....	.....	1,371,646	37,155,429	41,519,004
Foundery and machine-shop products (see also Iron work, architectural and ornamental; Steam fittings and heating apparatus).	61	927,550	846	.....	1	422,940	860,340	1,600,518
Furnishing goods, men's	2	150,000	74	436	10	138,350	318,090	499,250
Furniture (see also Mattresses and spring beds; Upholstering)	74	408,855	437	2	7	199,684	247,585	587,800
Furniture, chairs	3	1,325	5	.....	1	2,000	2,650	6,300
Furs, dressed	10	130,300	33	66	2	41,370	180,250	373,800
Glass, cut, stained, and ornamented	1	100	1	.....	.....	300	200	1,000
Gloves and mittens (see also Hosiery and knit goods; Woolen goods)	3	12,500	11	28	1	15,250	17,500	40,000
Hairwork	1	3,000	.....	1	.....	250	1,500	3,000
Handles, wooden	1	500	4	.....	.....	200	500	1,000
Hats and caps, not including wool hats	1	500	1	.....	.....	350	200	1,800
Hosiery and knit goods (see also Cotton goods; Gloves and mittens; Woolen goods).	1	8,000	8	4	.....	2,819	5,000	10,000
Housefurnishing goods	5	108,000	44	25	1	35,740	321,467	510,270
Instruments, professional and scientific	1	3,000	4	.....	.....	2,950	700	5,200
Iron and steel (a)	1	150,000	180	.....	.....	25,275	.....	.....
Iron work, architectural and ornamental (see also Foundery and machine-shop products).	3	19,500	60	.....	.....	27,500	41,000	108,117
Ivory and bone work	1	1,500	1	.....	.....	300	200	3,000
Kindling wood	1	3,000	.....	2	.....	900	6,500	9,250
Leather, curried	6	25,650	23	.....	.....	12,160	110,925	141,685
Leather, dressed skins	1	10,000	18	.....	.....	4,500	50,000	60,000
Leather, tanned	6	32,450	20	.....	.....	13,910	86,853	111,000
Lightning rods	2	4,000	12	.....	.....	4,450	2,050	11,200
Lime	14	39,875	78	.....	.....	22,052	17,715	61,340
Liquors, distilled	1	5,200	2	.....	.....	760	5,335	12,500
Liquors, malt	101	1,389,900	416	8	11	150,052	647,345	1,153,122
Lithographing (see also Printing and publishing)	3	14,000	14	1	1	9,785	19,657	37,525
Lock- and gun-smithing	10	20,100	17	.....	.....	8,700	9,250	35,650
Looking-glass and picture frames	7	15,550	12	.....	.....	4,250	19,800	34,100
Lumber, planed (see also Sash, doors, and blinds; Wood, turned and carved).	18	360,500	283	.....	.....	191,392	398,450	657,377
Lumber, sawed	234	6,771,145	2,732	22	100	924,473	4,529,055	7,366,038
Malt	4	30,500	18	.....	.....	9,485	49,300	74,000
Marble and stone work	35	105,100	177	.....	.....	80,323	82,280	221,175
Masonry, brick and stone	81	145,770	871	.....	.....	304,665	293,450	735,818
Mattresses and spring beds (see also Furniture)	4	10,000	10	3	.....	7,300	18,000	39,500
Millinery and lace goods	3	13,500	.....	34	.....	9,500	33,000	60,500
Mineral and soda waters	13	31,100	30	.....	1	12,936	26,300	61,200
Models and patterns	3	2,800	5	.....	.....	2,716	800	6,000
Musical instruments and materials (not specified)	3	2,000	6	.....	.....	4,500	1,200	8,000
Musical instruments, organs and materials	3	2,300	5	.....	.....	1,095	1,300	5,600
Oil, linseed	2	210,000	60	.....	.....	30,000	277,000	352,000
Oil, lubricating	1	5,000	1	.....	.....	600	3,500	4,350
Painting and paperhanging	47	38,285	137	.....	5	57,855	95,360	226,300
Paper	2	310,000	61	22	.....	34,000	118,150	183,900
Patent medicines and compounds (see also Drugs and chemicals)	9	26,550	17	8	5	3,828	9,700	32,000
Photographing	34	65,275	44	10	4	24,690	25,640	100,676
Pickles, preserves, and sauces	1	2,000	2	.....	.....	1,000	2,500	5,700
Plumbing and gasfitting	16	68,850	87	.....	.....	44,031	127,400	213,350
Printing and publishing (see also Lithographing)	78	817,845	599	33	107	409,104	351,941	1,043,064
Pumps, not including steam pumps	8	16,500	33	.....	.....	14,762	19,650	51,500
Regalia and society banners and emblems	1	2,000	1	.....	.....	300	2,000	3,000
Saddlery and harness	194	325,389	405	.....	3	169,830	459,185	859,955
Sash, doors, and blinds (see also Lumber, planed; Wood, turned and carved).	29	562,000	592	1	42	265,896	734,125	1,344,618

a Repairing.