

DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE.

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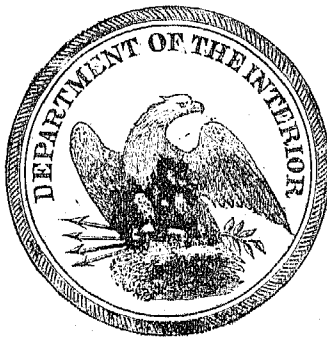
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OF
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PART II.



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PART II.

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MANUFACTURES.

REMARKS ON THE STATISTICS OF MANUFACTURES.

These tables include every establishment of mechanical or manufacturing industry which was returned at the Tenth Census as having had during the census year a product of five hundred dollars or more in value.

The following exceptions should be noted, viz :

1. The manufacture of fishery products is exhibited under Fisheries. 2. Quartz milling and petroleum refining are exhibited under Mining and Quarrying. 3. The manufacture of gas, and manufacturing by steam railroad companies, will be made the subjects of separate reports.

Establishments, wherever practicable, have been referred to the locality where *the works* were situated.

The statistics of cotton goods include: (1) specific mills, *i. e.*, mills which manufacture cotton into a fabric known and sold under that name; and (2) special mills, working raw cotton, waste, or cotton yarn into hose, webbing, tapes, fancy fabrics, or mixed goods, or other fabrics which are not sold as specific manufactures of either cotton or wool.

Dyeing and finishing textiles do not include the statistics of establishments connected with cotton, woolen, or silk factories, but only the operations of independent dye-works, bleacheries, and print-works, the values of the products reported being merely the values added to the fabrics by the processes of these establishments.

The statistics of iron and steel manufacture embrace blast furnaces, bloomaries, and forges, rolling-mills, and steel works of all kinds.

Shipbuilding includes the building and repairing of iron and wooden vessels of all classes, boats and canal-boats, and the manufacture of blocks and spars, marine engines, oakum, oars, and sails. The operations of the various navy-yards of the United States are not included.

In all comparisons between values reported in 1870 and in 1880 it should be borne in mind that *the values of 1870 were expressed in a currency which was at a great discount in gold*. The average premium on gold during the twelve months (June 1, 1869, to May 31, 1870) which constituted the census year was almost exactly one-fourth (25.3) per cent. A premium on gold of one-fourth is equal to a discount on currency of one-fifth. For purposes of comparison, therefore, the values of 1870 should be reduced in that ratio.

The fact that, in the face of a large increase in the number of hands employed in manufactures, of the amount of material consumed, and of the values of the products, **THE NUMBER OF ESTABLISHMENTS** shows hardly an appreciable gain from 1870 to 1880, notwithstanding an increase of 30 per cent. in population, is amply accounted for by the well-known tendency to the concentration of labor and capital in large shops and factories. The establishments of 1870 showed 8 as the average number of hands and \$8,400 as the average amount of capital; those of 1880 showed 10.7 as the average number of hands and \$10,992 as the average amount of capital. A very good example of the effect of this cause is found in the coopers' trade, where, with a reduc-

tion in the number of establishments from 4,961 to 3,898 (or 22 per cent. nearly), the hands employed have increased 11 per cent. This cause has not, however, operated equally to produce a proportional reduction in all branches of industry. Thus, in the carpenters' trade (*a*) we have the average number of hands employed 5.9 in 1880, against 3.9 in 1870. But this increase in the average number of hands does not alone explain the decrease in the number of establishments. We have also to take into account the effect of the growth of the sash, door, and blind factories, doing on a large scale and by the aid of machinery what was formerly done slowly on the spot by the individual carpenter. We have, then, to take into account the growth of the wheelwright trade. In 1870 there were 3,613 establishments, employing an aggregate of 6,989 hands; in 1880 there were 10,701, employing 16,108 hands. We have next to take into account the introduction of machinery into the furniture and cabinet-making industry, replacing much of the former work of the local carpenter in rural districts and small towns. We have then to consider the immense extension of the contract system of erecting buildings, the effect of which is to disconnect an increasing proportion of the working carpenters of every city or large town from actual shops and constitute them a movable, readily disposable force, to be hired now by this contractor and now by that, according as jobs arise. We have, last, to consider the rapid substitution of brick and stone for wood in building, evidenced by the fact that the number of persons employed in the manufacture of brick in the United States has increased more than 50 per cent. in ten years. In the same way, while the cross-roads blacksmith-shop is still a necessity of tens of thousands of localities, very much of the work formerly done by blacksmiths is now done on a large scale by wheelwrights, locksmiths, or machinists, or in hardware factories or establishments producing numerous specialties in iron and steel.

Space will not allow us to take up trade after trade to indicate the conditions which have affected its rate of growth during the decade just past; but the above will serve to show the variety and the nicety of the considerations which require to be taken into account in this connection.

a The statistics of manufactures in a census of the United States have never embraced the full production of the hand-trades of mason, carpenter, blacksmith, cooper, painter, plumber, and perhaps some others of less importance. The reason for this is stated in the remarks which preface the tables of occupations. In the text above we assume that the tendency to omit the productions of artisans working singly at these trades, having perhaps no distinct shops, and working perhaps (in rural districts) but a part of the year, operated with approximately equal force in 1870 and 1880.

TABLE L.—*Manufactures by totals of States and Territories for the censuses of 1830, 1870, 1860, and 1850.*

1880.

States and Territories.	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.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
The United States.	253,852	2,790,272,000	2,019,035	531,630	181,921	947,953,795	3,306,823,549	5,369,579,191
Alabama	2,070	9,668,008	8,368	812	809	2,500,504	8,545,520	13,565,504
Arizona	60	272,600	216	2	2	111,180	380,023	618,305
Arkansas	1,202	2,953,130	4,307	90	160	925,358	4,302,080	6,756,159
California	5,885	61,243,784	38,311	3,022	1,460	21,065,905	72,607,709	110,218,978
Colorado	509	4,311,714	4,652	268	156	2,314,427	8,806,702	14,260,169
Connecticut	4,488	120,430,275	75,619	28,851	8,445	43,501,518	102,183,341	185,037,211
Dakota	251	771,423	854	8	0	339,373	1,523,761	2,378,970
Delaware	746	15,655,822	10,250	1,426	962	4,267,349	12,828,461	20,514,438
Dist. of Columbia ..	971	5,552,526	5,490	1,389	261	3,924,612	5,365,400	11,882,816
Florida	426	3,210,680	4,564	553	382	1,270,875	3,040,119	5,546,448
Georgia	3,593	20,673,410	18,937	3,610	2,319	5,266,152	24,143,039	36,440,948
Idaho	162	677,215	374	8	0	136,320	844,874	1,271,317
Illinois	14,549	140,652,000	120,558	15,233	8,936	57,429,085	289,843,007	414,864,673
Indiana	11,198	65,742,062	62,072	3,615	3,821	21,060,888	100,262,917	148,006,411
Iowa	6,921	33,087,830	25,382	1,431	1,559	9,725,062	48,704,311	71,045,028
Kansas	2,803	11,192,315	11,130	392	531	3,995,010	21,453,141	30,843,777
Kentucky	5,828	45,813,039	30,049	3,529	2,913	11,657,844	47,461,890	75,483,877
Louisiana	1,553	11,462,468	10,171	1,335	661	4,360,391	14,442,508	24,205,183
Maine	4,481	40,988,171	35,431	13,777	3,746	13,623,318	51,120,708	79,820,793
Maryland	6,787	58,742,384	40,698	21,700	6,547	18,904,995	66,957,846	100,750,563
Massachusetts	14,352	303,806,185	228,834	105,976	17,445	128,315,362	386,972,655	631,135,284
Michigan	8,673	92,980,659	68,445	4,784	4,582	25,313,682	92,900,269	150,715,025
Minnesota	3,493	81,004,811	18,937	1,630	674	8,013,094	55,600,681	70,065,198
Mississippi	1,479	4,727,000	4,887	413	527	1,102,645	4,667,189	7,513,302
Missouri	8,592	72,507,844	54,200	5,474	4,321	24,800,710	110,798,392	165,830,205
Montana	196	890,390	574	3	1	318,759	1,006,442	1,835,867
Nebraska	1,403	4,881,150	4,464	129	209	1,742,311	8,208,478	12,627,880
Nevada	184	1,323,303	556	6	16	461,807	1,049,794	2,179,626
New Hampshire	3,181	51,112,263	20,356	16,184	3,291	14,814,793	48,552,462	78,978,028
New Jersey	7,128	106,226,593	86,787	27,090	12,162	46,083,045	165,285,779	254,880,236
New Mexico	144	463,275	553	.....	4	218,731	871,352	1,234,846
New York	42,739	514,248,575	364,510	137,455	29,529	108,634,029	679,612,545	1,080,606,500
North Carolina	3,802	13,045,639	12,818	2,939	2,352	2,740,768	13,090,937	20,935,937
Ohio	20,699	188,939,614	152,217	18,563	12,829	62,103,800	215,324,258	348,293,380
Oregon	1,080	6,312,056	3,280	90	97	1,667,046	6,954,436	10,631,232
Pennsylvania	81,232	474,510,993	284,359	73,046	29,687	134,055,904	465,020,563	744,818,445
Rhode Island	2,205	75,575,943	37,060	18,270	7,548	21,355,610	58,103,443	104,163,621
South Carolina	2,078	11,205,894	13,687	1,023	1,118	2,836,269	9,885,558	16,738,008
Tennessee	4,328	20,002,845	19,575	1,166	1,674	5,254,775	23,834,262	37,074,886
Texas	2,006	9,245,561	11,645	116	393	3,343,687	12,956,269	20,719,928
Utah	640	2,655,657	2,042	221	232	858,803	2,561,737	4,324,092
Vermont	2,874	23,285,224	14,438	2,271	831	5,164,479	18,330,677	31,354,366
Virginia	5,710	26,968,990	28,779	6,144	5,201	7,425,261	32,883,933	51,780,992
Washington	261	3,202,497	1,110	25	12	532,226	1,867,469	3,250,134
West Virginia	2,875	13,883,390	12,900	340	1,065	4,313,965	14,027,368	22,867,126
Wisconsin	7,674	73,821,802	48,255	6,241	2,613	18,814,917	85,796,178	128,255,480
Wyoming	57	364,673	380	.....	11	187,798	601,214	898,494

TABLE L.—Manufactures by totals of States and Territories—Continued.

1870.

States and Territories.	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.			
United States.	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Alabama	2,188	5,714,072	7,106	604	388	2,227,603	7,592,837	13,040,644
Arizona	18	150,700	84	—	—	45,580	110,090	185,410
Arkansas	1,079	1,782,913	3,077	47	82	673,963	2,536,998	4,629,234
California	3,984	89,728,202	24,400	873	479	13,136,722	35,351,193	68,594,556
Colorado	256	2,835,605	874	—	2	528,221	1,593,250	2,552,820
Connecticut	5,128	95,281,278	61,684	20,810	7,029	38,987,187	86,419,579	161,035,474
Dakota	17	79,200	89	—	2	21,106	105,997	178,570
Delaware	800	10,839,093	7,705	1,190	806	3,692,195	10,206,397	16,791,382
Dist. of Columbia	952	5,021,925	4,333	216	136	2,007,600	4,754,833	9,292,173
Florida	650	1,079,930	2,670	20	59	989,592	2,330,873	4,685,403
Georgia	3,836	13,030,125	15,078	1,498	1,205	4,844,508	18,583,731	31,190,115
Idaho	101	742,300	264	—	1	112,372	691,785	1,047,621
Illinois	12,597	94,368,057	73,045	6,717	3,217	31,106,244	127,600,077	265,620,672
Indiana	11,847	52,052,425	64,412	2,272	2,168	18,368,789	63,135,492	108,617,278
Iowa	9,560	22,430,183	23,395	951	686	6,894,292	27,682,096	46,534,323
Kansas	1,477	4,819,069	6,599	118	127	2,377,511	6,112,169	11,776,833
Kentucky	5,390	23,277,809	27,687	1,159	1,790	9,444,524	29,497,535	54,625,899
Louisiana	2,657	18,813,974	23,637	4,210	2,224	4,503,470	12,012,023	24,161,965
Maine	5,550	39,790,100	34,310	13,448	1,422	14,282,205	40,379,757	79,497,521
Maryland	5,812	36,438,729	34,061	8,278	2,521	12,682,817	46,897,032	76,593,613
Massachusetts	13,212	231,677,862	179,032	86,229	14,119	118,051,886	334,413,982	559,012,568
Michigan	9,455	71,712,283	58,347	2,941	2,409	21,205,355	68,142,515	118,394,679
Minnesota	2,270	11,993,729	10,292	259	139	4,052,837	13,842,002	23,110,709
Mississippi	1,741	4,501,714	5,500	191	250	1,547,428	4,364,206	8,154,758
Missouri	11,871	80,257,244	55,004	3,884	5,506	31,055,445	116,533,269	209,213,429
Montana	201	1,704,800	697	2	2	370,843	1,316,331	2,494,511
Nebraska	679	2,109,963	2,556	81	26	1,420,013	2,902,074	5,738,512
Nevada	930	5,127,750	2,866	3	—	2,498,472	10,315,984	15,870,536
New Hampshire	3,342	36,023,713	25,829	12,775	2,179	13,829,091	44,577,967	71,053,249
New Jersey	9,696	79,606,710	58,115	11,198	6,239	32,648,409	103,415,245	160,267,733
New Mexico	182	1,450,699	423	1	3	167,281	880,937	1,489,868
New York	30,300	360,094,320	267,378	63,795	20,627	142,469,738	452,065,452	785,194,651
North Carolina	3,512	6,140,473	11,539	1,422	801	2,193,711	12,824,093	19,621,327
Ohio	22,773	141,923,994	119,686	11,576	5,941	49,066,488	157,131,697	269,711,610
Oregon	969	4,370,649	2,753	67	64	1,120,173	3,419,766	6,877,367
Pennsylvania	37,200	406,821,845	256,548	48,712	19,232	137,976,594	421,197,673	711,894,344
Rhode Island	1,650	60,557,322	28,804	14,752	5,801	19,354,256	73,151,109	111,418,334
South Carolina	1,584	5,400,418	7,099	578	464	1,543,713	5,855,736	9,868,981
Tennessee	5,317	15,593,235	17,003	1,089	600	5,940,630	19,637,927	34,602,636
Texas	2,399	5,284,110	7,450	167	320	1,787,835	6,273,193	11,517,502
Utah	533	1,891,898	1,405	43	26	395,305	1,238,252	2,313,019
Vermont	3,270	20,329,937	16,301	1,872	513	6,264,581	17,067,739	32,184,606
Virginia	5,933	18,455,409	22,176	2,259	2,540	5,343,099	23,892,384	38,804,322
Washington	209	1,893,674	1,025	1	—	574,530	1,435,128	2,451,052
West Virginia	2,444	11,084,529	10,728	287	657	4,322,164	14,503,701	24,102,201
Wisconsin	7,013	41,981,872	40,206	2,114	1,500	13,575,642	45,851,206	77,214,326
Wyoming	32	889,400	40	1	1	347,678	280,156	765,424

TABLE L.—Manufactures by totals of States and Territories—Continued.

1839.

States and Territories.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EM- PLOYED.		Total amount paid in wages during the year.	Value of materials.	Value of products.
			Males above 15 years.	Females above 15 years.			
The United States..	No. 140,433	Dollars. 1,609,856,715	No. 1,040,349	No. 270,297	Dollars. 378,878,900	Dollars. 1,931,605,092	Dollars. 1,885,801,676
Alabama.....	1,459	9,698,181	6,792	1,037	2,132,940	5,423,963	10,588,506
Arkansas.....	518	1,316,610	1,831	42	554,240	1,280,503	2,880,578
California.....	8,468	22,042,006	49,171	55	26,492,287	27,061,674	68,253,228
Connecticut.....	3,019	15,590,430	44,002	20,467	10,026,196	49,900,000	81,924,555
Delaware.....	615	5,452,887	5,465	936	1,905,754	6,028,018	9,892,902
District of Columbia.....	422	2,905,865	2,653	495	1,139,154	2,894,185	5,412,102
Florida.....	185	1,874,125	2,297	157	619,840	874,506	2,447,999
Georgia.....	1,890	10,890,873	9,492	2,083	2,025,148	9,030,542	16,925,544
Illinois.....	4,238	27,548,563	22,480	479	7,037,931	35,568,782	57,560,886
Indiana.....	6,322	18,451,121	20,503	732	6,318,935	27,142,597	42,803,400
Iowa.....	1,030	7,247,130	6,142	165	1,922,417	8,612,259	13,971,826
Kansas.....	344	1,084,935	1,700	35	880,346	1,444,075	4,357,493
Kentucky.....	3,450	20,256,679	10,587	1,671	6,420,082	22,295,759	37,911,240
Louisiana.....	1,744	7,151,172	7,873	910	3,683,679	6,738,480	15,587,473
Maine.....	3,810	22,044,620	24,327	9,792	8,368,691	21,553,000	38,193,254
Maryland.....	3,083	23,230,608	21,630	6,773	7,190,672	25,404,007	41,735,157
Massachusetts.....	8,170	132,792,327	146,268	71,153	50,960,913	135,053,721	255,545,922
Michigan.....	2,448	23,808,226	22,144	1,046	6,735,047	17,635,611	32,658,350
Minnesota.....	562	2,884,310	2,164	10	712,214	1,904,070	3,373,172
Mississippi.....	970	4,994,492	4,572	203	1,618,320	3,140,636	6,600,687
Missouri.....	3,157	20,634,226	18,023	1,053	6,669,910	23,840,941	41,782,731
Nebraska.....	107	265,575	334	2	105,332	237,215	607,326
New Hampshire.....	2,592	23,274,094	18,370	13,961	8,110,561	20,539,857	37,686,469
New Jersey.....	4,173	40,521,018	43,198	12,820	16,277,337	41,429,100	76,306,104
New Mexico.....	82	2,006,350	1,044	30	341,306	367,682	1,240,123
New York.....	22,624	172,895,652	176,885	53,227	65,446,759	214,813,061	378,870,939
North Carolina.....	3,689	9,693,703	12,102	2,115	2,689,441	10,203,228	10,078,608
Ohio.....	11,123	57,295,393	65,749	9,853	22,302,989	69,800,270	121,691,148
Oregon.....	309	1,337,938	908	10	635,256	1,431,952	2,076,761
Pennsylvania.....	22,363	190,055,004	182,593	39,530	60,569,165	153,477,698	290,121,188
Rhode Island.....	1,191	24,278,255	20,795	11,635	3,760,125	10,868,515	40,711,208
South Carolina.....	1,230	6,031,750	6,090	288	1,380,027	5,108,881	8,615,105
Tennessee.....	2,572	14,420,761	11,582	940	3,370,687	9,416,514	17,987,235
Texas.....	983	9,272,459	3,338	111	1,162,756	3,867,672	6,577,202
Utah.....	148	443,450	830	0	231,701	430,612	900,153
Vermont.....	1,883	9,493,617	8,506	1,034	3,094,986	7,603,858	14,637,807
Virginia.....	5,335	20,835,609	32,006	8,568	8,644,117	30,840,591	50,652,124
Washington.....	52	1,290,200	860	4	453,031	502,621	1,406,921
Wisconsin.....	3,064	15,831,581	14,641	773	4,268,708	17,137,334	27,849,467

TABLE L.—Manufactures by totals of States and Territories—Continued.

1950.

NOTE.—This table is an exact reproduction of Table 4 of the Abstract of Manufactures at the Seventh Census. [Senate Ex. Doc. No. 30, 2d session 35th Congress.] The table is arithmetically imperfect, and it is not known whether the errors are in the items or total of the table, or in both. The true total line of the items as printed is: Establishments, 123,025; capital, \$533,245,351; hands employed, male, 732,157; female, 225,922; wages, \$236,753,464; materials, \$553,123,522; products, \$1,019,106,616.

States and Territories.	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.			
The United States.	No. 123,025	Dollars. 533,245,351	No. 731,137	No. 225,922	Dollars. 236,753,464	Dollars. 553,123,522	Dollars. 1,019,106,616
Alabama	1,026	3,450,006	4,397	539	1,105,824	2,224,000	4,528,876
Arkansas	261	805,015	812	50	150,870	215,789	537,008
California	1,003	1,003,197	3,904	.....	3,717,180	1,201,154	12,803,522
Connecticut	3,737	25,876,618	34,248	16,483	12,455,384	23,008,971	47,114,585
Delaware	531	2,978,643	3,237	651	936,924	2,364,907	4,649,296
District of Columbia	403	1,001,575	2,034	530	757,524	1,405,871	2,630,258
Florida	103	547,000	876	115	130,452	220,611	698,935
Georgia	1,523	5,456,433	6,650	1,718	1,703,664	3,404,917	7,082,075
Illinois	3,162	6,217,705	11,000	439	3,204,336	8,959,327	16,534,272
Indiana	4,38	7,750,402	13,748	602	3,278,844	10,360,700	18,725,423
Iowa	522	1,292,875	1,687	20	473,016	2,450,881	3,551,783
Kentucky	3,009	11,810,463	19,576	1,900	5,105,048	12,165,975	21,710,212
Louisiana	1,068	5,032,424	5,458	759	2,033,928	2,450,508	6,779,417
Maine	3,974	14,090,152	21,853	6,167	7,485,588	13,553,144	24,061,057
Maryland	3,725	14,934,450	22,729	7,483	7,403,832	17,090,456	33,043,892
Massachusetts	8,852	88,940,292	107,784	69,677	41,954,736	85,850,771	157,743,994
Michigan	2,033	6,563,600	8,990	354	2,717,124	6,136,523	11,169,002
Minnesota	5	94,000	63	.....	18,540	24,300	58,300
Mississippi	947	1,815,820	3,046	108	771,523	1,275,771	2,912,088
Missouri	2,923	8,576,607	14,880	923	4,692,648	12,708,351	24,324,418
New Hampshire	3,211	18,242,114	14,103	12,980	6,123,876	12,745,466	23,164,503
New Jersey	4,207	22,293,258	29,008	8,702	9,304,740	23,011,871	39,851,256
New Mexico	23	68,200	81	.....	20,772	110,220	249,010
New York	23,553	99,004,405	147,737	51,612	49,131,000	134,655,674	237,597,249
North Carolina	2,663	7,456,860	12,473	2,128	2,353,456	4,602,501	9,111,050
Ohio	10,622	20,019,538	37,054	4,437	13,467,156	34,678,013	62,062,279
Oregon	52	543,000	285	.....	388,620	809,500	2,230,640
Pennsylvania	21,065	94,473,810	124,688	22,078	37,163,232	87,296,377	155,044,010
Rhode Island	804	12,935,076	12,923	8,044	5,047,080	13,180,703	22,117,688
South Carolina	1,430	6,053,265	5,992	1,074	1,127,712	2,787,534	7,045,477
Tennessee	2,887	6,527,720	11,080	959	2,247,402	5,168,886	9,725,603
Texas	309	520,290	1,042	24	322,068	394,642	1,163,538
Utah	11	44,400	51	.....	9,934	337,331	291,220
Vermont	1,849	5,001,477	6,894	1,551	2,202,348	4,172,552	8,570,920
Virginia	4,740	18,100,143	25,700	3,320	5,434,476	13,101,131	29,002,507
Wisconsin	1,262	3,382,148	5,798	291	1,712,496	5,414,931	9,203,008

TABLE LI.—The United States by specified industries: 1880.

Mechanical and manufacturing industries.		Number of establishments.	Capital.
All industries.....		253,852	\$2,790,272,606
1	Agricultural implements	1,943	62,109,668
2	Ammunition	4	824,000
3	Artificial feathers and flowers (a)	174	1,253,050
4	Artificial limbs (b)	33	82,000
5	Awnings and tents	151	522,700
6	Axle-grease	16	372,000
7	Babbitt metal and solder	9	79,100
8	Bagging, flax, hemp, and jute	27	2,491,500
9	Bags, other than paper	37	2,425,000
10	Bags, paper	80	1,304,700
11	Baking and yeast powders (c)	110	1,350,600
12	Baskets, rattan and willow ware	304	1,892,917
13	Bel lows	3	8,750
14	Bells	20	793,120
15	Belting and hose, leather	96	2,748,739
16	Belting and hose, linen	1	10,000
17	Belting and hose, rubber	2	265,000
18	Billiard tables and materials	46	1,078,119
19	Blacking	48	494,625
20	Blacksmithing (d)	28,101	19,618,852
21	Bluing	23	178,650
22	Bone, ivory, and lamp-black	18	627,350
23	Bookbinding and blank-book making	588	5,798,671
24	Boot and shoe cut stock	172	1,210,300
25	Boot and shoe findings	135	770,800
26	Boot and shoe uppers	81	200,264
27	Boots and shoes, including custom work and repairing	17,973	54,358,301
28	Boots and shoes, rubber	9	2,425,000
29	Boxes, cigar	221	1,023,777
30	Boxes, fancy and paper	309	2,496,496
31	Boxes, wooden, packing	602	5,304,212
32	Brass and copper, rolled	26	9,057,600
33	Brass castings (e)	396	5,740,237
34	Brass ware	20	594,582
35	Bread and other bakery products	6,396	19,155,286
36	Brick and tile (f)	5,631	27,673,616
37	Bridges	75	4,058,649
38	Bronze castings (g)	7	186,500
39	Brooms and brushes	950	4,186,897
40	Buttons	124	2,013,850
41	Calcium lights	4	19,500
42	Cardboard	8	443,000
43	Card cutting and designing	9	13,793
44	Carpentering	9,184	19,541,353
45	Carpets, rag	306	252,604
46	Carpets, other than rag (h)	195	21,408,587
47	Carpets, wood	5	41,000
48	Carriage and wagon materials	412	7,034,718
49	Carriages and sleds, children's	67	770,000
50	Carriages and wagons (i)	3,841	37,973,493
51	Cars, railroad, street, and repairs, not including statistics of establishments operated by steam railroad companies	130	9,272,680
52	Celluloid and celluloid goods	6	1,214,000
53	Charcoal	175	457,484
54	Cheese and butter (factory)	2,082	9,604,803
55	Chocolate	7	530,500
56	Cigar-molds	3	60,800
57	Cleansing and polishing preparations	21	412,325
58	Clock cases and materials (j)	2	6,000
59	Clocks	23	2,474,000
60	Cloth finishing	20	137,350

a See also Millinery and lace goods.

b See also Surgical appliances.

c See also Draps and chemicals.

d See also Wheelwrighting.

e See also Bronze castings.

f See also Drain and sewer pipe.

g See also Terra-cotta ware.

h See also Brass castings.

i See also Woolen goods.

j See also Watch and clock materials.

TABLE LI.—The United States by specified industries: 1880.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
2, 019, 035	531, 639	181, 921	\$947, 953, 705	\$3, 396, 823, 549	\$5, 369, 579, 101	
38, 313	73	1, 194	15, 359, 610	31, 531, 170	63, 640, 489	1
498	553	15	361, 773	1, 223, 452	1, 904, 900	2
550	3, 577	215	1, 081, 040	2, 444, 418	4, 879, 324	3
71	-----	1	43, 833	31, 370	187, 024	4
526	690	43	334, 463	1, 230, 553	1, 968, 942	5
67	2	3	41, 407	209, 152	865, 048	6
44	-----	-----	18, 745	214, 193	262, 950	7
1, 880	1, 226	653	827, 759	2, 058, 017	3, 511, 653	8
1, 175	903	104	776, 026	8, 027, 770	9, 726, 000	9
546	883	140	439, 620	3, 037, 319	4, 112, 506	10
960	326	56	466, 252	3, 333, 863	4, 760, 598	11
1, 976	552	501	657, 405	897, 031	1, 932, 851	12
15	-----	-----	6, 875	13, 500	26, 900	13
570	14	189	280, 169	525, 175	1, 065, 824	14
1, 138	39	50	606, 067	5, 019, 853	6, 925, 737	15
10	-----	-----	4, 500	12, 000	23, 000	16
342	2	20	131, 721	863, 000	1, 085, 000	17
849	-----	8	409, 779	1, 089, 466	2, 389, 758	18
251	174	11	168, 188	710, 629	1, 491, 474	19
33, 992	18	516	11, 126, 001	14, 572, 363	43, 774, 271	20
88	53	5	50, 245	197, 463	344, 824	21
198	2	24	89, 249	440, 068	661, 376	22
5, 127	4, 831	654	3, 937, 349	5, 195, 771	11, 076, 764	23
1, 235	1, 422	228	735, 482	5, 030, 249	7, 531, 635	24
758	652	88	451, 075	1, 188, 817	2, 144, 945	25
245	174	18	170, 425	448, 104	790, 842	26
104, 031	25, 046	3, 852	50, 903, 144	114, 066, 575	196, 020, 481	27
2, 514	1, 984	164	1, 469, 038	6, 023, 053	9, 705, 724	28
1, 374	718	373	743, 657	1, 389, 700	2, 903, 465	29
2, 194	0, 836	648	2, 373, 948	5, 578, 827	7, 665, 553	30
6, 611	405	706	2, 709, 135	7, 074, 921	12, 687, 063	31
4, 105	673	304	2, 521, 169	9, 529, 157	14, 320, 731	32
5, 673	293	401	2, 729, 794	5, 894, 452	10, 808, 742	33
662	336	144	411, 329	948, 118	1, 523, 096	34
18, 025	2, 210	1, 353	9, 411, 928	42, 612, 027	66, 824, 896	35
59, 032	268	7, 055	13, 442, 532	9, 774, 334	32, 533, 537	36
4, 153	-----	140	1, 882, 179	5, 669, 793	8, 978, 122	37
140	6	7	64, 072	498, 470	670, 012	38
5, 798	1, 715	1, 200	2, 424, 040	5, 694, 855	10, 500, 855	39
2, 128	3, 052	645	1, 045, 130	1, 792, 891	3, 449, 542	40
20	-----	-----	10, 912	25, 031	51, 443	41
166	126	53	116, 410	697, 971	959, 145	42
42	12	10	18, 215	15, 610	51, 070	43
53, 547	74	517	24, 582, 077	51, 621, 120	94, 152, 139	44
573	68	63	190, 792	424, 943	801, 710	45
10, 104	8, 570	1, 697	6, 835, 218	18, 984, 877	31, 792, 802	46
108	-----	11	23, 750	23, 500	102, 170	47
7, 237	35	230	2, 733, 004	4, 781, 995	10, 114, 352	48
1, 132	70	88	462, 852	808, 054	1, 077, 770	49
43, 630	273	1, 491	18, 998, 015	30, 597, 086	64, 951, 617	50
13, 885	13	334	5, 507, 753	19, 780, 271	27, 997, 591	51
452	175	109	242, 798	389, 262	1, 261, 540	52
1, 898	2	6	390, 697	520, 735	975, 510	53
6, 419	1, 830	154	1, 546, 495	13, 363, 579	25, 742, 510	54
110	113	-----	82, 258	812, 403	1, 802, 153	55
84	-----	12	32, 020	55, 210	111, 820	56
181	15	13	91, 455	237, 070	500, 260	57
44	2	-----	15, 000	19, 000	50, 500	58
2, 897	630	503	1, 623, 693	1, 908, 411	4, 110, 267	59
135	18	23	62, 790	71, 060	222, 560	60

TABLE LI.—*The United States by specified industries: 1880—Continued.*

	Mechanical and manufacturing industries.	Number of establishments.	Capital.
61	Clothing, horse	3	\$410, 000
62	Clothing, men's	6, 166	79, 861, 696
63	Clothing, women's	562	8, 207, 273
64	Coal tar	3	385, 000
65	Coffee and spices, roasted and ground	300	6, 366, 392
66	Coffins, burial cases, and undertakers' goods	769	5, 735, 392
67	Coke	149	5, 545, 058
68	Collars and cuffs, paper	13	901, 233
69	Combs	38	533, 300
70	Confectionery	1, 450	8, 486, 874
71	Cooperage	3, 396	12, 178, 726
72	Copper-smithing (a)	98	915, 102
73	Cordage and twine	165	7, 140, 475
74	Cordials and sirups	16	128, 400
75	Cork cutting	46	872, 384
76	Corsets	113	1, 611, 695
77	Cotton compressing	29	3, 243, 800
78	Cotton goods (b)	1, 005	219, 564, 794
79	Cotton-ties	6	70, 500
80	Crucibles	11	1, 450, 250
81	Cutlery and edge tools (c)	420	9, 859, 885
82	Dentistry, mechanical	753	773, 070
83	Dentists' materials	20	840, 800
84	Drain and sewer pipe (d)	51	489, 183
85	Drugs and chemicals (e)	592	28, 598, 458
86	Dyeing and cleaning	303	851, 110
87	Dyeing and finishing textiles (see Remarks)	101	26, 223, 981
88	Dyestuffs and extracts	41	2, 363, 700
89	Electric lights	3	425, 000
90	Electrical apparatus and supplies (f)	36	873, 300
91	Electroplating	221	885, 898
92	Emery wheels	11	397, 900
93	Enameled goods	3	160, 000
94	Enameling	19	145, 200
95	Engravers' materials	114	54, 500
96	Engraving and die-sinking	246	416, 840
97	Engraving, steel	55	2, 387, 050
98	Engraving, wood	167	183, 733
99	Envelopes	12	923, 800
100	Explosives and fireworks	39	579, 750
101	Fancy articles	151	1, 359, 450
102	Felt goods (g)	26	1, 958, 254
103	Fertilizers	364	17, 013, 660
104	Files (h)	179	1, 666, 550
105	Fire-arms	30	8, 115, 483
106	Fire extinguishers, chemical	3	400, 000
107	Flags and banners	11	54, 300
108	Flavoring extracts	58	404, 615
109	Flax, dressed	79	626, 455
110	Flouring- and grist-mill products	24, 338	177, 361, 878
111	Food preparations	109	1, 293, 905
112	Foundry and machine-shop products	4, 958	154, 510, 484
113	Foundry supplies	15	126, 500
114	Fruit-jar trimmings	1	150, 000
115	Fruits and vegetables, canned and preserved	411	8, 247, 458
116	Fuel, artificial	1	100, 000
117	Furnishing goods, men's	161	3, 724, 664
118	Furniture (i)	4, 843	38, 609, 764
119	Furniture, chairs	384	6, 276, 364
120	Furs, dressed	192	3, 508, 857

a See also Tinware, copperware, and sheet-iron ware.

b See also Mixed textiles.

c See also Tools.

d See also Brick and tile; Terra-cotta ware.

e See also Baking and yeast powders.

f See also Telegraph and telephone apparatus.

g See also Woolen goods.

h See also Saws.

i See also Upholstering.

TABLE LI.—The United States by specified industries: 1890—Continued.

AVERAGE NUMBER OF HOURS EMPLOYED:			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
73	492	2,564	\$137,400	\$453,700	\$605,006	61
77,255	80,994	2,564	45,940,353	131,363,232	209,548,460	62
2,594	2,253	345	6,661,005	10,559,227	32,004,794	63
174	-----	5	65,500	285,200	466,800	64
2,125	438	153	1,370,609	18,201,302	22,024,694	65
3,762	481	172	1,895,805	3,776,222	8,157,760	66
3,068	8	71	1,108,654	2,992,141	5,259,489	67
151	284	-----	1,166,000	1,582,571	1,582,571	68
743	250	83	374,785	341,719	951,895	69
6,157	2,827	817	3,242,852	17,125,773	25,637,638	70
24,435	42	1,406	8,992,603	18,441,064	33,714,770	71
352	2	14	520,302	1,227,917	2,087,773	72
2,926	1,480	1,029	1,558,676	9,330,261	12,492,171	73
81	-----	-----	42,928	210,596	331,233	74
382	270	140	232,846	976,274	1,566,555	75
776	7,487	539	1,745,969	3,686,321	6,494,765	76
1,008	-----	-----	573,005	826,808	1,271,700	77
64,107	91,148	30,217	45,614,419	113,765,537	210,950,983	78
100	-----	31	38,069	170,108	267,351	79
671	-----	3	284,169	955,841	1,445,641	80
9,458	380	681	4,447,349	4,682,222	11,661,370	81
469	35	37	269,044	455,037	1,860,647	82
405	70	15	237,729	247,824	860,758	83
270	-----	5	114,542	170,143	480,261	84
8,144	1,138	203	4,157,163	24,390,566	38,173,658	85
893	490	75	511,886	581,886	1,613,943	86
12,788	2,038	1,872	6,474,361	13,664,295	32,297,420	87
970	10	6	512,007	3,918,741	5,253,098	88
214	-----	15	117,500	150,650	458,400	89
335	35	8	224,756	360,579	1,674,388	90
1,257	89	95	620,848	663,588	1,975,700	91
111	-----	1	58,253	109,952	322,022	92
211	-----	-----	41,926	226,817	321,511	93
113	54	9	56,836	68,562	182,758	94
60	3	1	39,840	26,464	85,761	95
698	62	92	419,646	262,828	1,180,165	96
1,118	661	137	1,951,745	648,994	2,998,616	97
468	20	21	333,590	68,605	734,728	98
233	948	23	344,143	2,346,509	3,000,617	99
313	217	205	216,009	610,877	1,391,132	100
1,676	654	463	1,036,672	1,065,335	2,817,230	101
1,203	223	88	439,700	2,530,710	3,619,652	102
8,377	75	146	2,618,422	16,595,078	23,650,795	103
2,191	49	268	957,412	787,549	2,486,533	104
4,573	87	197	2,700,281	1,859,025	5,736,996	105
117	-----	2	84,750	81,840	204,693	106
15	50	3	27,375	48,200	119,690	107
228	104	32	129,843	796,049	1,105,637	108
766	57	176	268,420	818,243	1,310,231	109
58,239	42	126	17,422,316	441,545,235	595,180,712	110
863	312	158	318,253	1,604,660	2,493,224	111
140,459	675	4,217	65,982,133	103,345,023	214,578,468	112
72	-----	2	27,303	132,220	215,650	113
230	83	25	104,501	318,708	465,503	114
10,638	15,463	5,804	2,679,960	12,051,293	17,599,576	115
70	-----	-----	10,000	55,000	102,000	116
1,274	9,565	335	2,644,155	6,503,164	11,506,857	117
45,186	917	2,626	20,383,794	31,416,768	68,037,992	118
7,832	1,301	1,442	3,311,266	4,443,438	9,807,823	119
4,463	2,604	77	1,389,284	5,308,242	8,239,712	120

TABLE LI.—*The United States by specified industries: 1880—Continued.*

	Mechanical and manufacturing industries.	Number of establishments.	Capital.
121	Galvanizing	21	\$671, 450
122	Gas and lamp fixtures	35	3, 248, 400
123	Gas machines and motors	34	1, 117, 000
124	Glass	211	19, 814, 600
125	Glass, cut, stained, and ornamented	170	945, 180
126	Gloves and mittens (a)	300	3, 379, 648
127	Glucose	7	2, 255, 000
128	Glue	82	3, 916, 750
129	Gold and silver leaf and foil	60	493, 500
130	Gold and silver, reduced and refined (not from the ore)	28	817, 100
131	Graphite	4	113, 000
132	Grease and tallow	156	2, 500, 779
133	Grindstones	14	135, 261
134	Gunpowder (b)	33	4, 983, 580
135	Hairwork	299	613, 040
136	Hammocks	5	22, 300
137	Hand-knit goods	39	152, 700
138	Hand-stamps	46	103, 150
139	Handles, wooden	206	1, 032, 000
140	Hardware	492	15, 303, 551
141	Hardware, saddlery	64	1, 655, 550
142	Hat and cap materials	64	740, 828
143	Hats and caps, not including wool hats	429	5, 455, 408
144	High explosives (c)	21	1, 601, 625
145	Hones and whetstones	25	122, 525
146	Hooks and eyes	5	420, 188
147	Hosiery and knit goods (d)	259	15, 573, 591
148	Housefurnishing goods	48	450, 806
149	Ice, artificial	35	1, 251, 200
150	Knit	63	1, 251, 050
151	Instruments, professional and scientific	171	1, 342, 196
152	Iron and steel (see Remarks)	1, 005	230, 071, 884
153	Iron bolts, nuts, washers, and rivets	100	4, 033, 019
154	Iron doors and shutters	6	79, 375
155	Iron forgings	91	3, 598, 241
156	Iron nails and spikes, cut and wrought	62	3, 877, 805
157	Iron pipe, wrought	35	6, 129, 565
158	Iron railing, wrought	131	662, 167
159	Iron work, architectural and ornamental	89	738, 000
160	Ivory and bone work	55	775, 564
161	Japanning	30	78, 710
162	Jewelry	739	11, 431, 164
163	Jewelry and instrument cases	17	62, 000
164	Jute and jute goods	4	415, 000
165	Kaolin and ground earthen	63	1, 291, 527
166	Kindling wood	213	1, 018, 400
167	Labels and tags	19	451, 500
168	Lamps and reflectors	74	1, 873, 625
169	Lapidary work	55	176, 875
170	Lard, refined	28	2, 513, 000
171	Lasts	62	477, 692
172	Lead, bar, pipe, sheet, and shot	32	2, 496, 375
173	Leather, board (e)	24	856, 200
174	Leather, dressed (see Remarks)	2, 319	16, 873, 529
175	Leather, dressed skins	202	6, 268, 237
176	Leather goods	57	501, 000
177	Leather, morocco (see Leather, dressed skins)	2	17, 100
178	Leather, patent and enameled	2	50, 223, 054
179	Leather, tanned (see Remarks)	3, 105	431, 750
180	Lightning rods	20	

a See also Hosiery and knit goods.

b See also High explosives.

c See also Gunpowder.

d See also Cotton goods;
Woolen goods.

e See also Paper (not specified).

TABLE LI.—The United States by specified industries: 1880—Continued.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
501	-----	17	\$244,799	\$1,103,180	\$1,884,005	121
2,600	243	166	1,469,287	1,675,875	4,329,656	122
807	13	24	307,108	1,636,676	1,334,001	123
17,778	741	5,653	9,144,100	8,028,621	21,154,571	124
1,231	139	160	709,768	1,150,866	2,556,009	125
2,102	5,240	346	1,655,635	4,351,400	7,370,005	126
1,167	5	29	805,892	3,044,450	4,551,212	127
1,486	189	129	600,018	2,780,342	4,324,072	128
542	383	30	410,647	1,011,792	1,014,040	129
209	-----	5	178,696	9,128,811	9,548,188	130
69	17	3	35,225	144,100	210,060	131
1,075	3	13	550,015	11,779,482	18,730,013	132
231	-----	-----	57,040	85,366	134,555	133
988	20	3	510,550	2,058,488	3,348,941	134
205	937	30	323,315	667,132	1,467,728	135
28	49	5	17,576	61,830	110,352	136
50	1,378	386	137,720	239,040	440,354	137
151	8	4	82,895	103,648	818,018	138
1,504	11	60	426,664	697,320	1,656,098	139
14,481	814	1,506	6,846,913	10,697,577	22,658,693	140
2,167	321	327	960,432	1,651,436	3,651,021	141
819	355	41	463,854	1,225,231	2,217,259	142
11,373	5,337	530	6,633,523	9,341,352	21,303,107	143
328	1	-----	164,864	1,218,061	2,453,988	144
126	83	6	52,961	92,461	224,130	145
139	63	26	88,321	214,986	370,078	146
7,517	17,707	3,661	6,701,475	15,210,951	29,167,227	147
495	137	59	216,890	812,361	1,392,188	148
389	50	8	140,885	158,112	544,769	149
339	79	62	236,284	864,765	1,629,413	150
1,011	37	51	588,751	444,425	1,639,094	151
133,203	45	7,730	55,476,785	191,371,150	256,557,885	152
4,264	182	618	1,981,300	6,097,011	10,073,330	153
311	-----	12	103,269	290,600	495,060	154
2,977	95	138	1,329,151	3,960,780	6,482,028	155
2,011	519	380	1,255,171	3,312,602	5,629,240	156
4,909	13	228	1,788,258	9,480,040	13,202,102	157
728	-----	34	969,903	615,648	1,800,549	158
1,152	-----	16	474,711	1,083,817	2,109,537	159
643	137	125	414,701	754,654	1,454,901	160
135	24	24	65,562	63,743	100,080	161
10,050	1,998	619	6,441,688	10,321,990	22,201,621	162
102	31	5	51,000	48,550	131,070	163
205	302	18	141,079	447,494	606,982	164
866	3	20	310,900	697,608	1,455,757	165
1,167	14	242	526,861	1,409,010	2,480,053	166
191	81	56	149,263	432,655	865,825	167
1,478	81	171	742,423	1,853,908	3,357,820	168
207	17	28	142,075	226,277	544,989	169
1,030	40	105	540,258	21,048,826	23,106,702	170
497	18	23	308,975	221,005	765,200	171
551	6	15	916,369	4,369,209	5,600,671	172
342	27	10	409,975	409,975	680,300	173
10,808	77	169	4,845,413	59,306,500	71,351,297	174
4,966	208	221	2,441,372	11,063,265	18,399,311	175
834	131	41	459,318	1,097,373	2,020,343	176
29	2	-----	12,800	63,136	160,000	177
23,287	188	837	9,261,243	85,949,207	113,048,336	179
168	-----	-----	73,718	526,691	801,102	180

TABLE LI.—*The United States by specified industries : 1880—Continued.*

	Mechanical and manufacturing industries.	Number of establishments.	Capital.
181	Lime and cement	615	\$6,332,338
182	Linen goods	5	406,800
183	Liquors, distilled	844	24,247,595
184	Liquors, malt	2,191	97,208,224
185	Liquors, vinous (a)	117	2,581,910
186	Lithographing (b)	167	4,561,825
187	Lock- and gun-smithing	607	705,815
188	Looking-glass and picture frames	645	4,437,633
189	Lumber, planed (c)	1,203	17,612,923
190	Lumber, sawed	23,708	181,186,122
191	Malt	216	14,390,441
192	Marble, slate, marble, and marbleized	46	750,200
193	Marble and stone work	2,846	10,498,221
194	Masonry, brick and stone	1,591	3,990,706
195	Matches	37	2,114,850
196	Mats and matting	12	212,000
197	Mattresses and spring beds	357	1,749,750
198	Millinery and lace goods (d)	247	2,678,880
199	Millstones	18	178,963
200	Mineral and soda waters	512	2,509,561
201	Mirrors	7	165,800
202	Mixed textiles (e)	470	37,996,057
203	Models and patterns	230	377,551
204	Mucilage and paste	4	8,100
205	Musical instruments and materials (not specified)	84	654,850
206	Musical instruments, organs, and materials	171	3,922,338
207	Musical instruments, pianos, and materials	174	9,869,577
208	Needles and pins	40	1,144,550
209	Nets and seines	13	140,650
210	Oil, castor	8	474,000
211	Oil, cottonseed and cake	45	3,862,300
212	Oil, essential	124	67,755
213	Oil, illuminating, not including petroleum refining	7	128,500
214	Oil, lard	28	1,127,500
215	Oil, linseed	81	5,872,750
216	Oil, lubricating	51	1,370,225
217	Oil, neat's-foot	15	433,050
218	Oil, resin	3	82,523
219	Oilcloth, enameled	4	315,000
220	Oilcloth, floor	25	3,429,550
221	Oleomargarine	15	1,680,300
222	Painting and paperhanging	3,968	5,645,950
223	Paints (f)	244	13,555,292
224	Paper (not specified) (g)	692	46,241,202
225	Paperhangings	25	3,560,500
226	Paper patterns	4	105,100
227	Patent medicines and compounds	563	10,620,880
228	Paving materials	46	745,750
229	Pencils, lead	4	341,597
230	Pens, gold	10	370,150
231	Pens, steel	3	182,500
232	Perfumery and cosmetics	67	813,827
233	Photographic apparatus	10	90,800
234	Photographing	1,267	3,131,895
235	Photographing materials	5	63,000
236	Pickles, preserves, and sauces	109	841,023
237	Pipes, tobacco	37	223,800
238	Plated and britannia ware (h)	55	5,862,025
239	Plumbing and gasfitting	2,101	5,950,511
240	Pocket-books	53	598,350

a See also Liquors, distilled.

b See also Printing and publishing.

c See also Sash, doors, and blinds; Wood, turned and carved.

d See also Artificial feathers and flowers.

e See also Cotton goods; Silk; Woollen goods.

f See also Varnish.

g See also Collars and cuffs, paper; Envelopes; Leather, board; Wood pulp.

h See also Silverware.

TABLE LI.—The United States by specified industries: 1880—Continued.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
5,493	7	180	\$1,579,313	\$2,619,189	\$5,772,318	181
211	200	73	124,046	381,875	602,451	182
6,452	10	40	2,063,967	27,744,245	41,063,663	183
26,001	20	190	12,198,053	50,836,500	101,058,385	184
781	57	129	216,559	1,340,629	2,169,103	185
3,641	308	873	2,307,302	2,755,264	6,912,338	186
818	6	63	368,967	398,642	1,317,810	187
5,224	316	643	2,471,105	4,831,248	9,696,219	188
14,614	23	652	5,800,724	24,477,543	36,803,556	189
141,564	425	5,067	31,815,074	140,155,385	233,268,720	190
2,320	8	4	1,004,548	14,321,423	18,273,102	191
690	-----	85	313,009	476,431	1,030,030	192
21,112	23	336	10,238,885	12,743,345	31,415,150	193
15,877	1	142	6,830,866	10,123,478	20,586,553	194
868	1,120	231	535,911	3,293,502	4,698,446	195
199	12	74	125,129	233,707	439,376	196
1,770	469	158	869,325	3,116,471	5,288,234	197
971	5,248	336	1,061,044	6,142,091	9,577,846	198
170	1	3	90,534	172,725	353,513	199
2,480	27	219	1,065,633	2,117,764	4,741,709	200
74	-----	3	42,900	212,500	334,000	201
17,471	20,520	5,882	13,316,753	37,227,741	60,221,703	202
699	21	19	889,837	168,696	968,830	203
8	-----	1	3,090	8,770	16,700	204
528	29	16	293,062	385,770	833,746	205
3,948	80	165	2,142,539	2,692,332	6,136,472	206
6,449	87	69	4,663,193	5,283,119	12,364,521	207
604	360	93	392,214	591,013	1,374,023	208
79	114	17	54,112	180,215	291,765	209
107	-----	1	44,714	384,800	653,900	210
3,114	33	172	880,836	5,091,251	7,690,921	211
273	1	4	24,030	125,167	248,858	212
50	-----	-----	20,950	414,600	510,000	213
424	-----	8	161,672	4,184,450	4,721,066	214
1,378	17	21	681,677	12,874,294	15,393,812	215
309	8	0	208,145	2,129,580	2,925,501	216
50	-----	-----	10,554	210,524	259,086	217
23	-----	-----	14,590	189,622	238,471	218
215	2	41	116,627	864,200	1,062,000	219
1,090	5	40	733,235	3,113,708	4,752,587	220
561	18	20	212,952	5,486,141	6,892,939	221
17,271	131	309	7,620,866	8,762,780	23,457,560	222
4,192	188	103	2,132,255	17,062,552	23,390,767	223
16,133	7,640	649	8,525,355	33,951,207	55,109,914	224
1,666	150	671	874,921	3,629,222	6,207,303	225
13	84	-----	40,538	44,000	512,550	226
2,604	1,186	335	1,051,596	6,704,729	14,682,494	227
755	-----	2	244,319	576,301	1,024,243	228
116	144	130	102,233	97,344	279,427	229
230	19	19	172,207	190,906	533,061	230
34	230	10	88,500	38,950	164,000	231
352	357	32	238,259	1,201,469	2,203,004	232
80	9	6	41,314	40,688	104,305	233
2,860	986	131	1,751,118	1,671,455	5,935,311	234
31	30	2	25,310	89,900	142,000	235
592	230	108	259,454	1,472,630	2,407,342	236
500	65	80	226,306	209,518	628,688	237
6,742	831	102	2,453,361	4,100,116	8,506,181	238
9,217	15	452	4,770,389	9,095,308	18,133,250	239
800	416	107	484,047	930,023	1,769,039	240

TABLE LI.—The United States by specified industries: 1880—Continued.

	Mechanical and manufacturing industries.	Number of establishments.	Capital.
241	Postal cards	1	\$20,000
242	Printing and publishing (a)	3,457	62,983,704
243	Printing materials	27	100,900
244	Pumps, not including steam pumps	411	2,883,482
245	Racking-hose	1	600
246	Refrigerators	71	727,228
247	Regalia and society banners and emblems	47	452,590
248	Registers, car-fare	1	300,000
249	Rice cleaning and polishing	23	562,200
250	Roofing and roofing materials	493	2,320,277
251	Rubber and elastic goods	90	6,057,987
252	Rubber, vulcanized	3	226,200
253	Rules, ivory and wood	6	54,200
254	Saddlery and harness	7,999	16,508,619
255	Safes, doors, and vaults, fire-proof	40	2,201,690
256	Salt	268	8,225,740
257	Salt, ground	8	322,900
258	Sand and emery paper and cloth	6	121,600
259	Sash, doors, and blinds (b)	1,288	20,457,670
260	Saws	89	3,281,135
261	Scales and balances	64	3,814,981
262	Screws	20	4,265,000
263	Sewing-machine cases	18	741,300
264	Sewing machines and attachments	106	12,501,838
265	Shingles, split	45	17,770
266	Shipbuilding (see Remarks)	2,188	20,970,874
267	Shirts	549	6,841,778
268	Shoddy (c)	73	1,165,100
269	Show-cases	93	341,070
270	Silk and silk goods	882	19,125,300
271	Silversmithing	38	257,108
272	Silverware (d)	39	1,640,900
273	Slaughtering and meat-packing, not including retail butchering establishments	872	49,419,213
274	Smelting and refining (base scrap metal, not from the ore)	4	162,100
275	Soap and candles	620	14,541,294
276	Soda-water apparatus	8	413,000
277	Spectacles and eyeglasses	62	643,825
278	Sporting goods	86	1,444,750
279	Spring, steel, car, and carriage	59	1,700,293
280	Stamped ware (e)	26	2,175,940
281	Starch	139	5,328,256
282	Stationery goods	169	3,286,325
283	Steam fittings and heating apparatus	95	3,075,751
284	Stencils and brands	104	224,525
285	Stereotyping and electrotyping (f)	45	586,000
286	Stone and earthen-ware	686	6,880,610
287	Straw goods	77	3,333,560
288	Sugar and molasses, beet	4	365,000
289	Sugar and molasses, refined	49	27,432,500
290	Surgical appliances (g)	71	843,142
291	Tar and turpentine, not including farm products	508	1,866,300
292	Taxidermy	16	25,750
293	Telegraph and telephone apparatus (h)	40	636,453
294	Terra-cotta ware (i)	15	498,550
295	Thread, linen	1	500,000
296	Tinware, copperware, and sheet-iron ware (j)	7,595	22,252,200
297	Tin foil	4	686,000
298	Tobacco, chewing, smoking, and snuff (k)	477	17,207,461
299	Tobacco, cigars, and cigarettes	7,145	21,698,540
300	Tobacco stemming	62	1,089,343

a See also Lithography.

b See also Linen, planed.

c See also Mixed textiles.

d See also Plated and britannia ware.

e See also Tinware, copperware, and sheet-iron ware.

f See also Type founding.

g See also Artificial limbs.

h See also Electrical apparatus and supplies.

i See also Brick and tile; Drain and sewer pipe.

j See also Coppersmithing; Stamped ware.

k See also Tobacco, cigars, and cigarettes.

TABLE LI.—*The United States by specified industries: 1880—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 16 years.	Children and youths.				
10	18	-----	\$10,000	\$200,000	\$190,000	241
45,880	6,759	5,850	30,531,657	32,460,305	90,789,341	242
164	7	20	58,878	180,353	421,516	243
1,692	3	36	652,740	2,038,634	3,644,631	244
2	-----	-----	1,200	1,350	5,512	245
975	14	64	423,080	881,842	1,739,731	246
175	376	38	174,097	429,227	815,636	247
7	-----	-----	4,876	870	0,000	248
370	94	46	110,467	2,666,497	3,133,324	249
3,019	22	41	1,411,133	3,382,354	6,227,284	250
2,693	2,281	204	2,295,972	9,249,967	13,751,724	251
335	150	10	154,700	391,200	767,200	252
52	1	3	19,674	16,075	66,200	253
20,024	561	801	7,997,752	19,968,716	38,081,043	254
2,178	-----	33	1,036,504	1,431,083	3,352,396	255
4,125	20	144	1,260,023	2,074,049	4,820,566	256
149	47	8	41,997	280,093	361,656	257
52	21	9	30,970	148,477	292,374	258
20,544	79	1,275	8,540,930	20,790,910	30,621,325	259
2,288	23	255	1,226,370	1,744,083	3,943,105	260
1,527	1	26	783,019	654,711	3,252,400	261
948	378	264	455,542	935,800	2,184,632	262
1,536	-----	286	683,338	1,239,400	2,064,397	263
8,682	248	673	4,636,009	4,829,166	13,863,188	264
162	11	20	11,394	20,470	47,052	265
21,388	-----	7	12,713,813	19,736,358	36,800,327	266
2,878	22,180	623	5,463,690	11,300,444	20,180,031	267
695	490	91	400,320	3,366,650	4,980,615	268
640	4	48	329,230	519,585	1,172,172	269
9,375	16,396	5,566	9,146,795	22,467,701	41,038,045	270
123	8	-----	76,640	102,058	263,031	271
882	34	113	675,943	1,028,502	2,253,630	272
26,113	-----	1,184	10,508,530	267,738,902	303,592,413	273
309	-----	2	158,300	8,171,000	8,411,100	274
4,368	888	533	2,210,513	19,997,444	26,552,627	275
308	17	7	160,235	565,538	1,076,569	276
872	113	103	450,897	417,472	1,182,142	277
605	734	102	411,854	692,616	1,556,258	278
1,487	1	42	699,412	2,346,618	3,654,862	279
1,831	331	220	808,043	2,104,141	3,512,423	280
2,710	301	108	919,197	4,911,060	7,477,742	281
1,871	1,028	218	1,150,893	3,591,426	5,898,822	282
2,425	-----	49	1,505,739	2,857,000	5,127,842	283
261	11	33	130,639	144,564	472,514	284
562	44	36	312,208	200,491	724,680	285
7,205	948	1,341	3,279,535	2,564,359	7,942,729	286
3,278	7,501	169	2,550,197	5,455,559	9,345,759	287
350	-----	-----	62,271	186,128	282,372	288
5,832	-----	25	2,875,032	144,098,499	155,484,016	289
308	154	15	265,372	286,720	806,808	290
9,955	338	242	1,623,061	2,324,637	5,876,983	291
27	102	21	22,000	21,850	82,560	292
797	37	59	458,400	755,801	1,580,648	293
407	-----	45	200,650	163,561	554,348	294
200	730	-----	260,000	750,000	1,200,000	295
23,903	853	1,492	10,722,974	25,232,281	48,096,038	296
101	70	15	100,673	198,942	416,849	297
14,888	10,776	7,094	6,419,624	34,397,072	52,793,056	298
40,099	9,108	4,090	18,464,562	29,577,893	63,979,575	299
667	596	371	170,871	1,408,502	1,897,535	300

TABLE LI.—*The United States by specified industries: 1880—Continued.*

	Mechanical and manufacturing industries.	Number of establishments.	Capital.
301	Tools (<i>a</i>).....	145	\$4,384,109
302	Toys and games.....	100	915,575
303	Trunks and valises.....	205	2,792,256
304	Type founding (<i>b</i>).....	48	2,772,690
305	Umbrellas and canes.....	172	2,658,726
306	Upholstering (<i>c</i>).....	781	2,885,401
307	Upholstering materials.....	79	1,660,200
308	Varnish (<i>d</i>).....	81	3,778,100
309	Vault lights and ventilators.....	12	138,450
310	Veneering.....	5	261,500
311	Vinegar.....	306	2,151,760
312	Washing-machines and clothes-wringers.....	61	652,549
313	Watch and clock materials (<i>e</i>).....	20	117,550
314	Watch and clock repairing.....	1,202	1,704,571
315	Watch cases.....	27	1,584,740
316	Watches.....	11	4,144,327
317	Whalebone and rattan.....	12	166,450
318	Wheelbarrows.....	22	206,200
319	Wheelwrighting (<i>f</i>).....	10,701	10,611,080
320	Whips.....	88	1,078,070
321	Windmills.....	69	697,100
322	Window blinds and shades.....	131	1,365,515
323	Wire.....	40	4,230,071
324	Wirework.....	305	3,681,893
325	Wood-preserving.....	2	120,000
326	Wood pulp.....	50	1,835,450
327	Wood, turned and carved (<i>g</i>).....	710	3,450,710
328	Wooden ware.....	287	3,606,704
329	Wool hats (<i>h</i>).....	43	3,615,820
330	Woolen goods (<i>i</i>).....	1,990	96,095,564
331	Worsted goods (<i>j</i>).....	76	20,374,013
332	Zinc.....	16	2,022,600

a See also Cutlery and edge tools.*b* See also Stereotyping and electrotyping.*c* See also Furniture.*d* See also Paints.*e* See also Clock cases and materials.*f* See also Blacksmithing; Carriages and wagons. *g* See also Lumber, planed.*h* See also Woolen goods.*i* See also Carpets; Felt goods; Gloves and mittens; Hosiery and knit goods; Mixed textiles; Wool hats; Worsted goods.*j* See also Woolen goods.

TABLE II.—*The United States by specified industries: 1880—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
3,042	29	80	\$1,480,531	\$1,532,556	\$4,236,568	301
1,153	618	425	512,786	595,833	1,562,513	302
3,805	254	475	1,786,586	3,910,133	7,252,476	303
1,327	406	253	958,693	660,748	2,330,298	304
1,504	1,859	245	1,158,682	4,502,777	6,917,463	305
2,456	690	212	1,353,334	4,150,884	7,158,893	306
961	900	210	523,417	1,023,154	1,837,705	307
550	-----	23	360,716	3,600,684	5,721,174	308
115	-----	-----	60,204	108,981	273,895	309
105	0	30	35,780	137,082	292,205	310
1,160	44	53	413,451	1,888,173	3,418,038	311
398	18	60	170,287	587,643	1,182,714	312
184	45	49	86,050	130,315	300,195	313
1,547	32	78	866,996	703,249	2,712,819	314
1,418	139	201	970,041	2,812,922	4,580,314	315
2,127	1,219	-----	1,712,276	982,224	3,271,244	316
123	42	10	371,450	371,450	526,777	317
220	-----	19	72,489	101,853	227,392	318
15,821	17	270	5,074,799	6,703,677	18,892,858	319
742	266	43	415,907	701,225	1,698,633	320
585	3	8	244,197	523,594	1,010,542	321
1,015	143	121	470,133	1,635,700	2,826,518	322
5,544	172	453	1,082,731	7,034,005	10,836,605	323
3,535	300	564	1,708,165	5,410,084	9,127,818	324
36	-----	-----	14,717	62,700	101,110	325
1,184	8	17	444,778	910,835	2,256,946	326
4,933	131	001	2,148,914	2,940,680	6,770,119	327
4,268	144	621	1,530,571	2,635,720	5,235,474	328
3,222	1,459	789	1,893,215	4,785,774	8,516,569	329
46,978	23,372	10,154	25,896,892	100,845,611	160,606,721	330
6,435	9,473	2,895	5,683,027	22,013,628	33,549,942	331
1,289	-----	12	686,970	1,771,055	2,725,166	332

TABLE LII.—Manufactures in each State and Territory: 1880.

NOTE.—In the construction of Table LII (B), to save space, two classes of industries have been grouped as "all other industries": (1) Those which may be called "neighborhood industries", i. e., when the production is presumably for local use and consumption; these industries are blacksmithing; custom boot and shoe making and repairing; carpentering; dentistry, mechanical; lock and gun-smithing; masonry, brick and stone; painting and paperhanging; photographing; plumbing and gasfitting; watch and clock repairing, and wheelwrighting. (2) All industries whose aggregate annual product in any state or territory does not equal \$250,000 in value.

A.—ALABAMA, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 2, 070	Dollars. 9, 668, 008	No. 8, 368	No. 842	No. 800	Dollars. 2, 500, 504	Dollars. 8, 545, 520	Dollars. 13, 565, 504
Autauga.....	44	330, 675	217	50	73	96, 460	352, 517	576, 606
Baldwin.....	23	198, 295	449	45	25	131, 600	109, 250	344, 450
Barbour.....	60	227, 822	233	1	24	61, 378	372, 824	499, 183
Bibb.....	17	175, 500	147	.....	12	39, 812	59, 678	141, 109
Blount.....	33	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	649	.....	27	215, 279	283, 424	528, 644
Chambers.....	38	65, 240	71	.....	4	13, 610	125, 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, 932	23	.....	1	4, 595	29, 184	42, 716
Clarke.....	38	22, 500	39	.....	3	5, 170	58, 407	75, 216
Clay.....	31	36, 450	28	.....	.....	4, 089	33, 231	101, 414
Cleburne.....	23	23, 250	18	.....	1	3, 631	42, 002	52, 711
Coffee.....	23	20, 700	37	.....	.....	4, 051	64, 096	77, 731
Colbert.....	37	107, 700	63	13	24	16, 624	60, 307	96, 188
Conecuh.....	15	10, 300	25	.....	4	2, 775	24, 071	32, 922
Coosa.....	31	59, 900	51	.....	.....	5, 790	40, 862	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, 756
Dale.....	16	35, 850	40	5	1	7, 799	71, 520	98, 689
Dallas.....	32	270, 860	263	58	40	82, 779	309, 085	468, 032
De Kalb.....	21	57, 220	31	.....	.....	3, 905	38, 879	47, 176
Elmore.....	38	592, 750	203	200	150	91, 550	469, 698	650, 997
Escambia.....	11	37, 000	45	.....	1	13, 856	64, 506	118, 569
Etowah.....	30	155, 340	170	.....	5	48, 790	239, 943	275, 103
Fayette.....	5	8, 700	5	.....	.....	595	19, 115	23, 232
Franklin.....	5	4, 850	7	.....	.....	601	2, 050	5, 150
Geneva.....	12	16, 300	24	.....	.....	6, 915	25, 950	41, 471
Greene.....	10	17, 350	23	.....	.....	4, 129	35, 650	43, 996
Hale.....	38	32, 690	56	.....	.....	8, 003	64, 718	91, 915
Henry.....	35	44, 855	64	.....	.....	6, 765	24, 399	38, 682
Jackson.....	34	54, 900	63	.....	.....	11, 271	88, 171	122, 850
Jefferson.....	36	1, 420, 125	301	.....	.....	96, 314	361, 879	767, 771
Lamar.....	30	40, 450	40	.....	.....	5, 550	72, 035	85, 023
Lauderdale.....	47	107, 720	168	51	26	23, 172	123, 068	177, 785
Lawrence.....	32	39, 220	34	.....	.....	5, 865	64, 430	82, 870
Lee.....	37	101, 500	103	12	5	23, 010	114, 112	157, 386
Limestone.....	60	75, 575	93	1	13	13, 135	85, 758	126, 461
Lowndes.....	22	32, 050	55	.....	.....	8, 479	56, 335	78, 213
Macon.....	15	37, 425	39	.....	.....	5, 113	62, 143	75, 068
Madison.....	100	310, 550	194	67	20	61, 723	271, 004	422, 145
Marango.....	32	56, 700	73	.....	19	17, 537	81, 593	118, 137
Marion.....	9	41, 850	21	28	15	9, 979	43, 320	64, 843
Marshall.....	9	14, 675	10	.....	.....	1, 340	50, 055	63, 914
Mobile.....	125	960, 658	950	62	77	343, 413	987, 502	1, 653, 437
Monroe.....	26	17, 860	32	.....	.....	6, 371	21, 850	38, 495
Montgomery.....	88	392, 650	661	7	39	137, 091	720, 080	1, 130, 248

TABLE LII.—*Manufactures: 1880—A.—ALABAMA—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Morgan.....	94	62,950	70	.....	2	13,365	119,885	163,949
Perry.....	16	30,350	73	2	12	10,137	48,678	70,135
Pickens.....	19	27,675	41	10	7	9,211	39,099	53,766
Pike.....	35	45,193	71	.....	.....	15,555	120,749	183,262
Randolph.....	48	111,625	97	23	48	30,460	132,068	190,960
Russell.....	27	49,000	130	.....	6	25,098	48,196	96,751
Saint Clair.....	28	26,385	39	.....	.....	5,770	29,987	44,183
Shelby.....	45	801,595	395	.....	23	209,408	269,782	501,500
Sumter.....	27	32,975	47	.....	.....	10,987	65,545	95,820
Talladega.....	41	234,500	254	.....	10	86,826	228,134	327,501
Tallapoosa.....	17	36,443	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	33,542	46,760
Washington.....	10	24,300	176	.....	2	40,915	92,127	162,392
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 SELECTED 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
Cotton goods.....	18	1,386,500	444	731	467	283,198	848,511	1,352,099
Flouring- and grist-mill products.....	807	1,803,514	1,337	4	25	211,243	3,787,711	4,315,174
Foundry and machine-shop products.....	18	297,358	241	.....	14	101,869	107,605	293,691
Iron and steel.....	14	3,309,196	1,531	.....	45	571,713	601,073	1,452,856
Lumber, sawed.....	354	1,545,655	1,611	.....	36	424,156	1,608,635	2,649,634
Tar and turpentine.....	26	100,300	622	74	28	160,500	85,225	372,050
All other industries.....	833	1,225,485	2,532	83	194	747,825	1,506,760	3,130,009

A.—ARIZONA TERRITORY, BY TOTALS OF COUNTIES.

The Territory.....	66	272,600	216	2	2	111,180	380,028	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	149,888	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 SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	66	272,600	216	2	2	111,180	380,028	618,365

TABLE LII.—Manufactures: 1880—Continued.

A.—ARKANSAS, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 12 years.	Children and youths.			
The State.....	No. 1, 202	Dollars. 2, 933, 130	No. 4, 307	No. 90	No. 163	Dollars. 925, 358	Dollars. 4, 392, 080	Dollars. 6, 756, 159
Arkansas.....	6	10, 950	14	—	—	1, 280	5, 540	9, 600
Ashley.....	14	21, 125	42	—	—	4, 395	60, 005	71, 297
Baxter.....	16	15, 325	31	—	—	3, 005	13, 915	24, 210
Benton.....	25	56, 150	74	—	8	11, 179	205, 409	235, 399
Boone.....	19	36, 865	63	—	—	9, 623	204, 068	242, 344
Bradley.....	9	9, 555	17	—	1	2, 224	24, 062	40, 812
Calhoun.....	3	2, 600	3	—	—	500	2, 000	3, 500
Carroll.....	10	12, 965	18	—	—	1, 200	11, 785	16, 310
Chicot.....	2	15, 000	22	—	—	4, 675	18, 500	31, 500
Clark.....	30	40, 800	97	—	4	12, 000	90, 759	129, 315
Clay.....	15	35, 875	73	2	5	14, 590	68, 345	102, 770
Columbia.....	12	16, 650	36	—	—	1, 404	10, 991	15, 065
Conway.....	14	25, 300	61	—	9	7, 931	29, 533	47, 612
Craighead.....	5	16, 000	20	—	—	1, 725	12, 925	16, 400
Crawford.....	12	27, 900	21	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	—	—	515	11, 995	14, 344
Desha.....	1	3, 000	2	—	—	100	550	1, 000
Dorsey.....	12	8, 200	21	—	—	2, 105	19, 845	28, 300
Drew.....	20	42, 600	49	—	6	7, 698	21, 464	41, 317
Faulkner.....	8	12, 750	18	—	—	2, 300	62, 250	74, 590
Franklin.....	9	19, 050	20	—	—	3, 292	28, 535	38, 403
Fulton.....	6	17, 350	8	—	—	7, 550	29, 700	34, 616
Garland.....	18	32, 500	67	1	1	7, 882	30, 387	61, 906
Grant.....	3	5, 800	12	—	2	450	2, 575	4, 250
Greene.....	23	26, 525	57	—	2	4, 200	21, 085	35, 860
Hempstead.....	26	53, 275	98	—	10	13, 298	79, 055	115, 477
Hot Spring.....	14	32, 950	43	—	—	5, 461	32, 225	50, 810
Howard.....	8	19, 450	43	—	1	8, 807	54, 625	79, 194
Independence.....	22	62, 600	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, 270	157	—	—	46, 680	96, 755	228, 434
Johnson.....	24	32, 525	62	—	—	10, 865	46, 382	72, 331
La Fayette.....	7	6, 950	11	—	—	1, 122	7, 044	10, 198
Lawrence.....	12	66, 100	58	3	—	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
Louise.....	5	20, 490	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	166, 300
Mississippi.....	9	14, 325	26	—	—	1, 350	7, 175	13, 345
Monroe.....	11	62, 450	49	—	4	9, 225	38, 850	64, 525
Montgomery.....	8	17, 900	12	—	—	825	4, 686	7, 292
Novada.....	18	23, 100	63	—	—	13, 346	33, 513	67, 384
Newton.....	6	9, 525	4	—	—	272	4, 227	5, 244
Onachita.....	5	11, 500	26	3	3	6, 025	28, 650	41, 085
Perry.....	9	21, 800	40	—	—	4, 922	28, 300	38, 272
Phillips.....	23	150, 635	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

TABLE LII.—*Manufactures: 1880—A.—ARKANSAS—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Polk.....	15	13,800	51	.....	.....	4,342	51,710	66,554
Pope.....	33	60,975	94	.....	1	9,806	70,298	108,481
Prairie.....	11	23,300	38	.....	.....	7,225	14,570	28,670
Pulaski.....	98	602,499	958	50	60	378,058	1,037,978	1,659,198
Randolph.....	16	39,300	30	.....	.....	3,410	52,835	63,965
Saint Francis.....	12	11,600	51	.....	8	5,359	23,882	39,277
Saline.....	17	75,850	87	.....	.....	10,624	57,545	94,767
Scott.....	9	15,425	29	.....	.....	4,135	37,555	49,833
Searcy.....	4	4,100	9	.....	.....	924	22,625	27,575
Sebastian.....	45	95,325	177	2	9	35,269	132,131	210,030
Sevier.....	6	6,300	9	.....	.....	850	4,939	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	78,680	109	.....	1	15,996	96,274	146,935

B.—ARKANSAS, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	1,202	2,953,130	4,307	90	160	925,358	4,392,080	6,756,158
Flouring and grist-mill products.....	350	810,915	740	.....	4	97,614	1,979,317	2,249,289
Lumber, sawed.....	319	1,067,840	1,690	.....	54	237,394	1,070,395	1,793,848
Oil, cottonseed and cake.....	4	275,000	237	.....	.....	79,400	378,000	590,000
All other industries.....	529	799,375	1,640	90	102	510,950	964,368	2,123,027

A.—CALIFORNIA, BY TOTALS OF COUNTIES.

The State.....	5,885	61,243,784	38,311	3,925	1,460	21,065,905	72,607,709	116,218,970
COUNTIES.								
Alameda.....	177	2,401,332	2,245	13	22	1,066,472	3,536,348	5,338,970
Alpine.....	6	2,950	7	.....	.....	6,200	6,450	17,500
Amador.....	43	158,100	132	.....	.....	80,623	168,217	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	269,793	445,002
Contra Costa.....	24	902,300	154	.....	5	59,576	293,029	511,025
Del Norte.....	20	158,200	63	.....	1	27,760	82,153	149,125
El Dorado.....	15	79,400	35	.....	.....	16,813	51,222	95,687
Fresno.....	26	228,944	130	2	.....	31,519	148,590	234,087
Humboldt.....	72	1,198,825	777	.....	.....	257,916	527,485	996,127
Inyo.....	16	52,750	33	.....	.....	11,776	60,207	90,320
Kern.....	13	79,850	33	.....	1	24,157	112,000	154,900
Lake.....	35	100,043	76	1	.....	20,380	132,442	196,406
Lassen.....	21	37,650	45	.....	.....	12,688	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	921,604
Mariposa.....	11	53,050	53	.....	.....	12,139	16,957	39,500
Mendocino.....	60	1,614,993	972	.....	2	253,564	425,095	1,004,488
Merced.....	24	156,300	94	6	1	41,266	148,204	239,577

TABLE I.II.—Manufactures: 1880—A.—CALIFORNIA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Modoc	32	94, 050	106	.....	1	26, 643	91, 314	162, 453
Mono	34	204, 495	247	.....	1	230, 710	281, 161	569, 707
Monterey	8	20, 200	18	.....	.....	4, 778	38, 539	57, 803
Napa	117	963, 760	424	5	11	155, 192	790, 407	1, 227, 468
Nevada	50	379, 100	231	.....	2	110, 936	306, 165	543, 531
Placer	45	456, 450	250	.....	.....	97, 930	219, 090	414, 142
Plumas	54	154, 350	97	.....	1	26, 736	68, 003	149, 448
Sacramento	171	1, 753, 590	916	10	46	565, 340	2, 082, 639	4, 204, 174
San Benito	24	139, 940	79	1	.....	22, 469	164, 574	210, 283
San Bernardino	36	161, 750	93	3	3	29, 255	76, 809	171, 889
San Diego	36	79, 977	67	1	.....	24, 183	75, 280	138, 330
San Francisco	2, 971	35, 368, 130	23, 662	3, 588	1, 192	14, 928, 531	47, 978, 072	77, 624, 299
San Joaquin	93	1, 784, 173	737	7	55	406, 420	2, 572, 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	63, 113	125, 117
Santa Barbara	25	140, 350	53	1	.....	18, 551	123, 192	177, 246
Santa Clara	302	2, 137, 869	1, 332	237	25	621, 032	1, 548, 909	2, 886, 312
Santa Cruz	113	2, 341, 925	731	10	2	290, 680	1, 053, 796	1, 925, 170
Shasta	40	296, 450	112	1	3	26, 000	125, 073	229, 271
Sierra	48	172, 000	149	.....	.....	49, 068	155, 972	232, 070
Siskiyou	56	158, 350	103	.....	1	41, 261	140, 557	253, 630
Solano	60	965, 809	206	.....	.....	179, 735	2, 227, 855	2, 700, 530
Sonoma	212	1, 149, 695	553	17	11	208, 183	753, 725	1, 252, 745
Stanislaus	5	39, 590	21	.....	.....	6, 364	42, 205	50, 262
Sutter	8	8, 250	6	.....	.....	1, 150	3, 873	8, 840
Tehama	12	1, 273, 700	245	.....	10	106, 252	804, 334	1, 078, 431
Trinity	22	49, 000	40	.....	.....	11, 946	43, 300	85, 116
Tulare	33	131, 000	70	1	.....	32, 740	259, 598	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	110, 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 SELECTED 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
Bags, other than paper	5	600, 000	672	50	14	233, 585	1, 715, 000	2, 102, 500
Bookbinding and blank-book making	15	111, 000	122	55	33	112, 578	173, 730	386, 140
Boots and shoes	81	1, 001, 183	2, 246	155	88	1, 064, 038	2, 022, 487	3, 649, 551
Boxes, wooden packing	14	206, 250	201	30	42	137, 100	315, 300	600, 700
Brass castings	10	155, 200	191	2	6	121, 400	235, 520	384, 850
Bread and other bakery products	169	534, 655	529	16	49	372, 171	1, 611, 080	2, 416, 398
Brick and tile	50	378, 659	838	.....	1	210, 035	157, 625	516, 261
Bridges	8	99, 090	344	.....	.....	172, 970	374, 000	694, 000
Carriages and wagons	87	594, 523	600	1	2	379, 029	460, 095	1, 163, 618
Cheese and butter	216	1, 039, 365	370	20	14	70, 434	339, 934	500, 434
Clothing, men's	146	1, 177, 004	1, 155	623	21	950, 534	2, 318, 655	3, 992, 209
Clothing, women's	29	425, 270	35	633	7	221, 267	680, 232	1, 152, 600
Coffee and spices, roasted and ground	28	504, 896	230	6	10	113, 032	1, 123, 153	1, 424, 878
Confectionery	48	241, 400	139	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
Drugs and chemicals	39	399, 625	150	2	3	91, 639	296, 601	623, 041
Flouring- and grist-mill products	150	4, 363, 285	877	4	7	514, 602	11, 067, 847	12, 701, 477
Foundry and machine-shop products	105	3, 040, 189	2, 346	.....	38	1, 528, 523	2, 403, 229	4, 767, 232

TABLE LII.—*Manufactures: 1880—B.—CALIFORNIA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Fruits and vegetables, canned and preserved.	12	1,152,000	585	507	81	291,413	832,952	1,389,798
Furnishing goods, men's	12	362,350	121	189	.....	126,265	509,540	744,245
Furniture	80	1,206,800	950	21	22	505,089	1,003,555	1,837,010
Gloves and mittens	12	132,800	85	183	.....	77,250	134,225	265,100
Grease and tallow	3	107,000	19	.....	.....	14,240	304,400	417,200
Gunpowder	1	1,000,000	76	.....	.....	37,200	137,800	390,000
High explosives	7	1,434,000	190	.....	.....	86,506	780,416	1,765,863
Iron and steel	1	1,000,000	284	.....	35	177,722	535,500	780,000
Jewelry	12	283,500	128	.....	11	100,597	159,753	315,115
Lead, bar, pipe, sheet, and shot.	2	100,000	130	.....	.....	87,932	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
Liquors, distilled	37	1,223,024	104	.....	8	51,653	424,252	637,298
Liquors, malt	185	2,800,515	1,201	.....	29	570,624	2,144,119	3,862,431
Liquors, vinous	45	639,609	383	.....	26	72,307	292,075	622,087
Looking-glass and picture frames.	23	231,200	80	2	11	59,159	137,553	285,703
Lumber, planed	26	952,385	268	.....	.....	164,848	530,228	850,395
Lumber, sawed	231	6,434,718	3,423	.....	11	1,093,736	2,242,503	4,423,950
Marble and stone work	67	332,650	339	.....	1	231,817	319,904	710,546
Millinery and lace goods	19	137,600	13	193	2	73,832	305,900	456,300
Oil, linseed	1	400,000	60	.....	.....	39,000	400,000	461,000
Paints	6	320,300	92	1	.....	41,576	300,239	406,526
Paper, not specified	6	610,000	156	5	3	87,622	241,015	386,197
Printing and publishing	171	1,838,235	1,408	107	114	1,272,412	1,054,355	3,148,978
Roofing and roofing materials.	17	69,650	151	.....	.....	91,521	121,320	273,275
Saddlery and harness	191	627,350	621	12	23	303,675	587,623	1,170,865
Sash, doors, and blinds	33	944,650	862	.....	45	442,560	831,466	1,541,266
Shipbuilding	62	1,806,923	534	.....	.....	589,564	959,349	1,797,639
Shirts	26	88,300	182	173	1	85,238	154,990	304,830
Slaughtering and meat-packing.	51	2,130,200	467	.....	20	341,488	6,149,623	7,953,914
Soap and candles	32	547,630	226	14	16	129,780	886,706	1,163,494
Sugar and molasses, refined.	2	1,600,000	280	.....	.....	190,000	5,517,000	5,932,000
Tinware, copperware, and sheet-iron ware.	186	797,675	632	1	75	402,096	832,051	1,022,632
Tobacco, cigars, and cigarettes.	176	1,831,503	3,238	110	203	956,639	2,000,275	3,997,353
Upholstering	66	211,177	141	9	1	96,037	256,507	459,042
Wirework	7	275,308	72	.....	7	42,665	186,910	268,776
Woollen goods	9	1,676,500	708	108	19	334,318	997,539	1,634,858
All other industries	2,633	7,950,081	7,340	634	312	4,490,593	7,691,098	10,996,601

A.—COLORADO, BY TOTALS OF COUNTIES.

The State	593	4,311,714	4,652	266	156	2,314,427	8,806,762	14,260,159
COUNTIES.								
Arapahoe	259	2,301,850	2,550	204	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	582,320	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	22,860	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	32,488	134,908	215,640
Fremont	10	85,000	145	.....	.....	26,568	140,300	222,252
Gilpin	12	61,950	43	.....	.....	43,011	94,262	173,325
Grand	1	2,000	2	.....	.....	80	575	800
Gunnison	8	26,500	77	.....	.....	3,210	23,116	35,300

TABLE LII.—*Manufactures: 1880—A.—COLORADO—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Hinsdale.....	4	22,000	30			10,368	27,473	52,450
Huerfano.....	12	26,650	57			4,300	42,285	62,540
Jefferson.....	229	395,950	366	1	9	151,118	436,480	744,600
Lake.....	82	328,689	439		2	227,814	481,361	1,015,648
La Plata (a).....								
Larimer.....	25	87,250	70		3	17,814	350,015	443,495
Las Animas.....	17	224,000	156			48,750	154,237	293,395
Ouray.....	6	9,350	23			3,800	11,425	23,450
Park.....	7	57,000	35			5,626	29,444	42,995
Pueblo.....	5	41,300	17			8,488	92,568	115,190
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 SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	599	4,311,714	4,652	266	156	2,314,427	8,806,762	14,260,159
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	267,416	194,003	605,028
Carriages and wagons.....	10	281,000	133		2	112,000	203,000	475,000
Flouring- and grist-mill products.....	34	406,500	193			94,351	2,126,522	2,534,644
Foundry and machine-shop products.....	17	242,000	332		10	226,020	564,330	1,037,522
Liquors, malt.....	23	527,100	134		5	62,006	230,895	418,902
Lumber, planed.....	5	168,500	178			124,500	997,000	1,276,000
Lumber, sawed.....	96	481,200	270		7	112,631	700,294	1,051,295
Printing and publishing.....	5	181,450	157	19	19	135,570	95,750	307,500
Saddlery and harness.....	20	119,870	94	2	12	67,745	149,000	320,850
Sash, doors, and blinds.....	1	90,000	133			67,000	350,000	580,000
Slaughtering and meat-packing.....	14	165,000	82		5	51,190	926,065	1,082,690
All other industries.....	312	1,093,204	1,447	246	52	910,814	1,908,203	3,996,176

A.—CONNECTICUT, BY TOTALS OF COUNTIES.

The State.....	4,488	120,430,275	75,619	28,851	8,445	43,561,518	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.....	890	27,090,534	14,286	4,973	1,687	8,456,684	18,501,403	34,008,909
Litchfield.....	413	5,988,254	4,126	829	542	2,190,510	5,363,539	9,433,075
Middlesex.....	267	5,871,711	3,400	757	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

TABLE LII.--Manufactures: 1880--CONNECTICUT--Continued.

B.--CONNECTICUT, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
	4,488	120,480,275	75,619	23,851	8,445	43,501,513	102,183,341	185,697,211
Agricultural implements...	21	832,500	552	2	11	218,514	317,644	719,627
Ammunition.....	3	724,000	419	452		303,519	1,108,852	1,706,852
Bells.....	6	115,870	137	14	9	55,515	91,765	251,024
Belting and hose, leather...	6	548,500	173	15		84,230	778,000	944,000
Belting and hose, rubber...	1	200,000	240	2	2	110,000	603,000	850,000
Billiard tables and materials	1	100,000	200			62,266	100,000	400,000
Boots and shoes.....	26	631,000	1,012	383	17	529,058	1,335,307	2,211,385
Boots and shoes, rubber...	3	1,000,000	1,060	965	87	671,574	2,527,501	4,175,997
Boxes, fancy and paper...	24	234,600	203	734	32	265,737	330,788	840,645
Brass and copper, rolled...	15	6,712,600	3,202	673	271	2,137,674	7,041,091	10,985,471
Brass castings.....	17	237,600	484	172	12	239,445	572,722	1,077,700
Brass ware.....	10	479,782	501	301	129	348,682	634,475	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.....	48	328,350	511	0	21	132,476	91,022	200,194
Buttons.....	26	512,500	471	651	115	376,332	498,451	1,110,653
Carpets, other than rag...	2	3,085,300	635	703	256	565,054	1,446,190	2,500,559
Carriage and wagon materials	52	667,630	439	20	20	244,714	346,288	824,611
Carrriages and wagons.....	124	1,367,900	1,621	14	13	853,602	1,191,016	2,605,591
Clocks.....	15	1,816,460	1,944	301	281	1,204,073	1,380,361	3,016,717
Clothing, men's.....	121	703,002	893	735	67	516,624	1,161,112	2,210,159
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	8	82,109	162,627	390,339
Cotton goods.....	97	21,104,200	6,265	5,613	2,959	3,750,017	8,757,022	17,050,126
Confectionery.....	28	75,150	81	32	15	45,757	174,345	308,203
Corsets.....	22	906,000	304	3,844	136	827,400	1,949,159	3,322,359
Cutlery and edge tools.....	54	1,610,000	2,362	171	126	1,232,013	907,147	2,704,708
Drugs and chemicals.....	9	227,400	115	1		53,340	219,440	344,184
Dyeing and finishing textiles.	2	230,000	242	24	26	120,270	364,490	464,800
Dye-stuffs and extracts.....	4	307,000	232			144,900	1,294,149	1,560,900
Electroplating.....	6	183,200	167	16	10	100,409	116,900	320,100
Envelopes.....	2	325,000	65	155	8	88,000	685,000	821,000
Felt goods.....	2	405,754	135	39		53,535	313,325	429,496
Fertilizers.....	17	365,000	179	1		78,222	306,225	446,450
Fire-arms.....	12	3,485,834	2,202	85	102	1,309,367	753,386	2,470,398
Flouring and grist-mill products.	234	1,002,824	301			117,722	2,540,908	2,904,184
Foundry and machine-shop products.	110	4,878,220	4,620	47	114	2,313,379	2,812,902	6,339,599
Furniture.....	53	506,675	486	14	12	219,385	310,604	686,168
Gas and lamp fixtures.....	2	620,000	745	150	20	407,500	450,000	1,000,000
Gunpowder.....	2	635,000	102			55,119	300,815	381,625
Hardware.....	93	7,852,622	7,073	618	523	3,539,494	4,410,709	10,374,293
Hardware, saddlery.....	4	120,000	152	163	15	116,600	237,500	570,000
Hat and cap materials.....	10	202,500	325	71	29	149,869	501,403	753,551
Hats and caps.....	33	842,400	2,209	832	34	1,423,941	1,949,520	4,407,993
Hooks and eyes.....	2	170,000	33	31	18	61,583	129,900	251,800
Hosiery and knit goods.....	1	1,036,434	676	1,167	265	634,293	1,013,949	2,432,271
Iron and steel.....	19	2,682,000	662		22	371,184	1,341,225	1,998,698
Iron bolts, nuts, washers, and rivets.	17	1,225,350	863	73	82	427,013	936,050	1,602,131
Iron forgings.....	12	445,000	265		15	141,480	282,225	512,620
Ivory and bone work.....	9	305,800	219	52	8	163,373	322,400	498,141
Leather, dressed skins.....	4	75,000	64		3	35,250	385,200	460,000
Liquors, malt.....	19	461,000	114			55,484	315,702	523,753
Lumber, sawed.....	300	657,300	639		2	178,336	641,569	1,076,455
Marble and stone work.....	63	522,850	322		4	164,432	159,203	419,844
Matches.....	5	152,000	77	85		51,817	354,474	465,692
Mixed textiles.....	43	8,203,234	1,721	952	275	983,848	3,145,246	5,919,605

TABLE LII.—*Manufactures: 1880—B.—CONNECTICUT—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Musical instruments, organs and materials.	7	238,000	419	4	1	199,737	302,126	604,937
Musical instruments, pianos and materials.	8	257,000	290	12	-----	142,057	182,018	380,533
Needles and pins	13	636,560	252	101	46	183,903	389,585	804,985
Paper, not specified	63	3,108,331	1,173	478	51	656,000	2,761,816	4,337,550
Plated and britannia ware	23	3,573,225	2,304	519	80	1,030,097	2,878,792	6,060,076
Printing and publishing	70	1,445,900	666	113	31	449,835	341,670	1,111,188
Rubber and elastic goods	12	681,600	328	262	32	233,445	1,203,661	1,710,761
Saddlery and harness	100	183,860	943	43	17	178,673	396,379	727,352
Sash, doors, and blinds	34	578,700	535	1	8	224,193	577,392	923,451
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	-----	-----	256,849	430,425	767,600
Shirts	18	515,700	89	982	-----	276,054	330,677	699,005
Shoddy	8	86,000	93	38	-----	35,345	261,230	347,500
Silk and silk goods	28	4,436,500	785	1,090	653	1,026,530	3,311,206	5,881,000
Slaughtering and meat-packing.	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
Springs, steel, car, and carriage.	9	250,750	298	-----	-----	167,116	341,698	622,841
Stamped ware	1	100,000	75	30	80	55,000	200,000	300,000
Steam fittings and heating apparatus.	8	541,500	352	-----	-----	201,492	410,351	737,422
Straw goods	3	230,000	289	371	-----	137,338	203,387	419,270
Tinware, copperware, and sheet-iron ware.	112	369,590	420	31	2	205,687	438,839	827,162
Tobacco, cigars, and cigarettes.	125	266,525	407	53	23	218,148	326,815	787,368
Tools	25	1,217,500	945	15	47	500,710	673,660	1,631,295
Washing-machines and clothes-wringers.	2	201,000	62	5	-----	40,500	100,640	251,600
Wire	4	232,000	252	80	-----	142,664	285,439	555,981
Wirework	10	268,400	237	33	17	103,147	160,900	324,500
Wood, turned and carved	39	158,800	227	5	19	100,214	97,974	274,643
Woolen goods	78	7,907,452	4,319	1,919	688	2,342,935	10,176,987	16,892,284
Wool hats	3	625,000	272	211	56	188,292	532,976	1,003,892
Worsted goods.	3	232,000	267	156	67	172,256	1,258,655	1,597,227
All other industries.	1,586	5,735,697	6,967	704	222	3,239,104	6,797,530	12,928,228

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	1,965	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		26,009	58,437	117,316
Charles Mix (a)								
Clark (a)								

a Returned as having no manufactures.

TABLE LII.—*Manufactures*: 1880—A.—DAKOTA TERRITORY—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
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) .....	.....	.....	.....	.....	.....	.....	.....	.....
Foster (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Faulk (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Forks	4	7,350	12	.....	.....	2,425	6,700	13,315
Grant	1	165	.....	.....	.....	.....	530	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	202	.....	1	137,205	309,844	587,035
Lincoln	8	28,100	19	.....	.....	9,000	30,530	44,750
Lyman	2	4,000	9	.....	.....	1,240	4,600	7,840
McCook (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Meyer (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Miner (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Minnehaha	15	123,450	47	.....	.....	15,195	223,031	283,769
Moody (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Morton (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Mountrail (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	.....	.....	1,630	4,300	9,800
Stutsman (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Sully (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Todd (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Trail	1	2,000	1	.....	.....	307	3,074	2,719
Turner	7	18,450	7	.....	.....	962	45,061	53,660
Union	16	57,050	60	.....	.....	12,910	225,196	295,773
Wallerette (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Walworth (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Williams (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Yankton	35	121,938	125	2	.....	55,909	232,531	360,585

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—DAKOTA TERRITORY—Continued.*

B.—DAKOTA TERRITORY, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No. 251	Dollars. 771,428	No. 854	No. 8	No. 6	Dollars. 839,875	Dollars. 1,523,761	Dollars. 2,373,970
Flouring- and grist-mill products.	30	301,665	86	.....	.....	37,372	842,296	1,040,958
Lumber, sawed.....	39	113,750	286	.....	4	54,974	281,875	435,792
All other industries.....	182	356,013	482	8	2	247,029	399,588	897,220

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	982,830	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 SELECTED 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
Carriages and wagons.....	15	452,270	397	1	12	137,356	272,098	500,567
Cars, railroad, street, and repairs.	2	589,100	760	.....	100	310,915	775,900	1,185,688
Cotton goods.....	10	929,570	303	419	223	232,727	632,205	1,057,257
Fertilizers.....	17	753,000	270	.....	.....	91,558	442,316	637,250
Flouring- and grist-mill products.	81	761,015	219	.....	1	72,231	1,165,103	1,341,026
Foundry and machine-shop products.	17	788,100	752	.....	49	266,618	330,732	704,225
Fruit and vegetables, canned and preserved.	33	396,379	428	643	188	99,621	453,508	634,940
Iron and steel.....	9	1,431,409	818	.....	49	344,476	1,214,050	2,347,177
Iron pipe, wrought.....	1	925,000	618	.....	.....	245,278	1,491,476	2,000,000
Leather, dressed skins.....	16	928,500	848	61	73	388,064	1,350,800	1,886,507
Lumber, sawed.....	86	259,250	378	.....	13	40,694	243,375	411,060
Matches.....	1	250,000	260	.....	.....	44,000	449,727	550,000
Paper, not specified.....	4	2,508,000	178	67	6	112,666	582,154	737,905
Shipbuilding.....	18	935,200	1,576	.....	.....	900,322	904,275	2,162,503
Woolen goods.....	5	352,559	171	59	31	108,504	448,285	665,253
All other industries.....	431	3,398,410	2,333	176	217	863,419	2,015,402	3,672,990

A.—DISTRICT OF COLUMBIA.

The District.....	971	5,552,526	5,496	1,389	261	3,924,612	5,365,400	11,882,316
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TABLE LII.—*Manufactures: 1880*—DISTRICT OF COLUMBIA—Continued.

B.—DISTRICT OF COLUMBIA, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
	971	5,552,526	5,496	1,389	261	3,924,612	5,365,400	11,882,316
Bread and other bakery products.	63	120,340	164	7	8	73,148	400,608	606,236
Brick and tile	16	330,600	576		120	123,161	62,575	314,298
Clothing, men's	35	104,550	157	68	2	98,778	178,302	376,065
Engraving, steel.....	2	1,217,000	452	456	4	696,698	135,811	870,166
Flouring- and grist-mill products.	9	230,400	40			21,508	1,071,600	1,172,375
Foundry and machine-shop products.	10	236,000	198		9	75,102	155,098	358,168
Liquors, malt.....	10	208,300	60		4	30,186	162,739	275,232
Paving materials	5	56,000	259			99,500	171,250	316,500
Printing and publishing...	28	971,800	1,026	688	28	1,473,880	827,519	2,896,312
All other industries.....	793	2,077,536	2,564	170	86	1,227,651	2,199,898	4,687,966

A.—FLORIDA, BY TOTALS OF COUNTIES.

The State.....	426	3,210,680	4,504	558	382	1,270,875	3,040,119	5,546,448
COUNTIES.								
Alachua	27	74,050	80			20,360	50,240	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	15,297	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	23,430	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	170,650
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	1,368,785
Nassau	13	151,800	315		6	75,650	252,931	398,289
Orange	12	24,500	50		2	8,740	33,175	62,000
Polk	1	2,000	8		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	361,825	522,500
Sumter	6	12,000	28		5	5,329	19,450	32,200
Swannoe	17	100,600	424	50	8	102,475	110,066	231,876
Taylor	5	8,300	7			904	11,860	14,325

a Returned as having no manufactures.

TABLE LII.—*Manufactures*: 1880—A.—FLORIDA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
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	33	.....	.....	6,575	32,025	47,565
Washington	4	25,000	51	.....	.....	15,000	58,800	110,600

B.—FLORIDA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	426	3,210,680	4,564	558	382	1,270,875	3,040,119	5,546,448
Flouring- and grist-mill products.....	94	224,655	140	2	.....	22,257	287,950	337,780
Lumber, sawed.....	135	2,219,550	1,945	.....	85	562,249	1,867,213	3,060,291
Tar and turpentine (a).....	10	109,500	539	50	.....	129,400	104,500	295,500
Tobacco, cigars, and cigarettes.....	51	461,750	1,495	497	261	409,616	555,107	1,347,555
All other industries.....	136	195,225	445	9	36	147,353	225,340	505,322

a Not including farm products.

A.—GEORGIA, BY TOTALS OF COUNTIES.

The State.....	3,593	20,672,410	18,937	3,619	2,319	5,266,152	24,143,939	36,440,948
COUNTIES.								
Appling.....	16	156,100	252	.....	.....	45,682	80,500	217,750
Baker.....	4	8,703	5	.....	.....	282	2,771	8,738
Baldwin.....	29	55,350	118	.....	5	16,922	94,193	130,543
Banks.....	19	30,250	41	.....	1	4,093	43,035	55,437
Bartow.....	63	400,730	285	25	27	57,872	312,897	474,417
Berrien.....	20	83,425	162	.....	.....	31,597	93,591	157,040
Bibb.....	51	651,800	818	203	134	301,022	936,196	1,724,125
Brooks.....	29	47,800	63	10	20	6,738	76,259	107,640
Bryan.....	4	35,000	289	.....	.....	49,500	53,557	118,300
Bulloch.....	9	18,500	20	.....	.....	1,300	13,930	19,450
Burke.....	23	43,100	50	.....	.....	9,014	61,140	76,855
Butts.....	11	39,500	19	.....	.....	3,135	81,372	96,165
Calhoun.....	11	14,875	37	.....	2	2,083	70,590	78,307
Camden.....	6	228,000	75	.....	13	20,352	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.....	12	88,325	33	.....	1	5,099	142,416	171,335
Charlton.....	6	21,700	169	.....	.....	32,132	21,370	93,715
Chatham.....	129	1,176,970	1,103	109	97	460,847	2,492,506	3,433,666
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	113,663	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	8,759
Columbia.....	7	15,900	18	.....	.....	1,243	18,840	23,139

TABLE LII.—Manufactures: 1880—A.—GEORGIA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Coweta.....	57	197,030	171	13	24	43,967	142,304	241,196
Crawford.....	21	19,235	33	.....	1	3,770	38,005	51,217
Dade.....	34	240,530	334	.....	8	23,853	365,795	521,298
Dawson.....	21	26,900	37	.....	1	5,286	53,195	70,720
Decatur.....	8	18,100	16	.....	.....	3,250	20,825	27,900
De Kalb.....	61	290,350	183	58	37	48,049	288,695	404,738
Dodge.....	10	66,800	300	.....	2	76,540	139,823	287,200
Dooly.....	15	23,610	55	.....	3	4,066	28,557	43,862
Dougherty.....	9	25,700	50	.....	.....	10,003	56,507	75,600
Douglas.....	40	49,425	52	.....	.....	8,831	91,211	117,272
Early.....	16	36,100	32	.....	.....	4,137	30,700	39,307
Echols.....	1	2,000	.....	.....	.....	.....	691	760
Ellingham.....	2	3,000	5	.....	.....	163	1,895	2,065
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	512,003	577	1	33	165,054	727,716	1,104,376
Forsyth.....	27	40,300	73	.....	4	10,107	58,714	87,915
Franklin.....	27	47,545	45	.....	.....	4,530	66,535	83,932
Fulton.....	249	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	41,835	44,755
Glynn.....	6	868,000	114	.....	65	48,792	652,000	755,785
Gordon.....	38	81,200	84	.....	.....	12,931	109,484	155,933
Greene.....	49	182,210	117	30	50	41,754	250,954	344,242
Gwinnett.....	79	87,760	181	1	9	29,285	222,453	316,629
Habersham.....	26	30,580	61	1	1	7,300	63,155	94,848
Hall.....	53	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	110,947
Heard.....	20	47,900	32	.....	1	4,885	25,345	38,760
Henry.....	35	85,725	90	.....	.....	14,069	100,403	141,147
Houston.....	20	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	54,850	88	1	.....	17,086	78,577	123,694
Johnson.....	13	8,760	15	.....	1	1,869	5,360	11,734
Jones.....	7	24,400	12	.....	1	950	6,015	9,500
Laurens.....	11	23,150	34	.....	.....	3,848	20,108	33,143
Lee.....	15	17,135	37	.....	.....	5,095	34,245	50,090
Liberty.....	15	31,285	190	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	63,734	87,532
McIntosh.....	7	171,750	99	.....	.....	28,875	410,875	540,700
Macon.....	7	11,800	23	.....	.....	4,127	14,250	22,165
Madison.....	25	32,130	36	.....	2	4,220	65,962	81,333
Marion.....	15	29,750	32	.....	1	6,158	23,976	27,589
Meriwether.....	36	54,073	71	.....	1	8,220	53,090	76,586
Miller.....	5	8,900	21	.....	.....	700	21,340	23,630
Milton.....	20	30,550	44	.....	4	5,561	67,114	87,045
Mitchell.....	7	20,300	83	.....	.....	14,860	41,180	70,017
Monroe.....	28	52,230	55	.....	1	5,675	65,777	76,168
Montgomery.....	1	2,500	4	.....	.....	200	5,000	7,020
Morgan.....	32	57,525	67	.....	1	9,021	81,114	104,938

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—GEORGIA—Continued.

Counties.	Establishments.	Capital.	NUMBER OF EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Murray.....	22	23,700	36	—	1	4,569	34,235	47,548
Muscogee.....	64	2,450,371	1,186	1,193	346	599,121	1,624,614	3,019,209
Newton.....	32	80,200	58	33	8	13,489	102,834	139,574
Oconee.....	4	4,000	8	—	—	2,125	3,860	8,400
Oglethorpe.....	54	78,003	108	—	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	6,689	53,935	111,304
Pierce.....	13	190,000	310	11	10	80,509	142,300	302,725
Pike.....	46	164,560	149	1	2	88,197	150,924	249,052
Polk.....	39	529,570	492	—	4	87,531	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	49,390
Rabun.....	2	1,700	4	—	—	100	975	1,600
Randolph.....	11	23,300	23	—	—	2,831	24,690	30,799
Richmond.....	86	2,402,275	1,126	523	310	527,700	2,466,570	3,490,780
Rockdale.....	61	92,720	156	4	6	27,617	148,560	223,115
Schley.....	10	13,900	18	—	1	2,690	28,221	43,055
Scriven.....	8	80,300	96	—	—	20,245	61,375	109,789
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	116,600	132,987
Taliaferro.....	5	12,400	6	—	—	1,100	12,472	15,900
Tattnell.....	11	92,750	33	—	—	10,428	13,580	38,840
Taylor.....	28	69,000	105	—	—	13,633	33,030	67,116
Telfair.....	10	39,180	129	—	1	36,309	31,449	122,054
Terrell.....	21	52,500	87	—	2	19,563	69,260	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	15,200	32	3	—	2,964	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	301,139
Walker.....	33	50,200	25	—	—	4,293	122,270	153,466
Walton.....	48	188,660	95	52	40	31,319	132,987	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	194,800	383	11	9	111,975	276,659	470,269
Webster.....	17	20,250	20	—	—	2,646	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	—	—	1,200	24,205	20,100
Wilkes.....	18	41,160	49	—	—	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 SELECTED INDUSTRIES.

MECHANICAL AND MANU- FACTURING INDUSTRIES.									
All industries.....	3,593	20,672,410	18,937	3,619	2,319	5,266,152	24,143,939	36,440,948	
Agricultural implements ..	20	209,124	230	—	44	77,585	337,846	601,935	
Bread and other bakery products.	26	118,450	159	14	24	55,742	343,289	464,162	

TABLE LII.—*Manufactures: 1880—B.—GEORGIA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Brick and tile	76	212, 000	1, 022	14	132	188, 883	115, 747	409, 025
Carriages and wagons.....	59	275, 300	515	1	12	184, 159	246, 470	582, 581
Confectionery	14	130, 700	82	24	4	28, 831	263, 165	336, 825
Cotton goods	44	6, 537, 657	1, 861	2, 969	1, 411	1, 141, 782	4, 039, 673	6, 513, 490
Flouring- and grist-mill products.	1, 132	3, 576, 301	1, 823	4	18	327, 602	8, 610, 092	9, 793, 898
Foundry and machine-shop products.	30	916, 510	868	7	37	343, 072	612, 483	1, 299, 491
Iron and steel.....	14	1, 135, 900	1, 266	.....	37	185, 489	631, 707	990, 850
Leather, curried	79	60, 009	89	.....	2	18, 040	100, 753	296, 150
Leather, tanned	94	143, 441	150	.....	2	32, 244	197, 943	323, 807
Lumber, planed	13	122, 000	319	.....	15	85, 380	195, 300	371, 200
Lumber, sawed	655	3, 101, 452	3, 298	.....	94	554, 085	3, 197, 155	4, 875, 310
Printing and publishing ..	21	506, 800	405	21	57	213, 052	215, 306	579, 654
Rice cleaning and polishing.	9	263, 000	111	74	24	34, 657	1, 009, 400	1, 488, 769
Sash, doors, and blinds ..	14	160, 500	326	.....	22	79, 274	153, 000	366, 000
Slaughtering and meat-packing.	9	25, 700	35	.....	6	9, 473	269, 077	309, 693
Tar and turpentine (a) ..	84	513, 885	2, 622	24	97	506, 842	490, 355	1, 455, 739
Tinware, copperware, and sheet-iron ware.	56	155, 350	204	.....	8	67, 500	181, 710	329, 624
All other industries.....	1, 135	2, 516, 671	3, 552	467	213	1, 132, 091	2, 526, 477	5, 054, 445

a Not including farm products.

A.—IDAHO TERRITORY, BY TOTALS OF COUNTIES.

The Territory	162	677, 215	374	8	6	136, 326	844, 874	1, 271, 317
COUNTIES.								
Ada	34	261, 050	87	2	.....	44, 750	358, 160	511, 790
Alturas	2	11, 000	12	.....	.....	4, 000	13, 250	20, 150
Bear Lake	17	43, 650	33	6	2	10, 140	38, 641	68, 529
Boisé	24	80, 025	28	.....	1	10, 194	54, 783	97, 816
Cassia	7	10, 300	12	.....	1	3, 250	10, 450	19, 350
Idaho	14	38, 850	32	.....	.....	9, 996	49, 275	78, 800
Kootenai	9	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, 359	129, 411
Oncela	22	62, 300	60	.....	2	16, 752	178, 470	232, 370
Owyhee	11	27, 309	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 SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	162	677, 215	374	8	6	136, 326	844, 874	1, 271, 317
Flouring and grist-mill products.	16	287, 000	46	2	.....	16, 155	422, 630	520, 986
Lumber, sawed	48	192, 460	160	.....	4	33, 367	230, 566	349, 635
All other industries	98	197, 755	159	6	2	86, 804	181, 678	400, 696

TABLE LII.—Manufactures: 1880—Continued.

A.—ILLINOIS, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 14, 549	Dollars. 140, 652, 066	No. 120, 558	No. 15, 223	No. 8, 936	Dollars. 57, 429, 085	Dollars. 289, 843, 907	Dollars. 414, 864, 078
Adams	425	4, 308, 400	3, 068	151	315	1, 330, 646	5, 753, 890	8, 904, 905
Alexander	45	443, 800	345	11	11	125, 435	1, 119, 823	1, 493, 070
Bond	53	77, 165	93	—	—	20, 800	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, 406	207, 042
Bureau	130	309, 925	291	1	10	76, 714	367, 205	550, 708
Calhoun	31	33, 250	34	—	—	3, 920	19, 534	36, 793
Carroll	63	185, 650	107	6	3	35, 493	280, 892	305, 059
Cass	67	196, 640	95	2	7	25, 427	277, 816	367, 538
Champaign	210	432, 071	477	6	26	139, 941	451, 909	789, 139
Christian	122	219, 150	272	2	5	84, 905	547, 392	807, 319
Clark	76	161, 845	193	5	2	40, 521	376, 577	505, 833
Clay	37	84, 800	91	—	3	19, 655	187, 820	252, 834
Clinton	117	445, 800	319	1	7	97, 954	1, 040, 848	1, 328, 786
Coles	180	418, 708	483	22	10	156, 568	759, 681	1, 125, 220
Cook	3, 775	72, 491, 453	64, 454	12, 232	4, 909	35, 603, 567	181, 867, 817	253, 910, 548
Crawford	35	166, 450	105	—	—	24, 095	181, 830	249, 883
Cumberland	42	64, 090	119	—	—	21, 692	141, 285	213, 984
De Kalb	154	948, 283	748	10	26	310, 354	1, 041, 015	1, 645, 980
De Witt	70	159, 575	120	—	7	46, 300	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, 659	812, 976
Edgar	127	283, 220	371	1	12	88, 054	471, 884	725, 705
Edwards	25	71, 709	69	—	6	14, 657	60, 762	112, 313
Effingham	68	213, 520	183	6	17	50, 895	872, 897	509, 690
Fayette	90	285, 834	279	3	5	68, 513	421, 789	587, 261
Ford	58	90, 225	91	—	1	22, 251	75, 661	137, 421
Franklin	18	63, 206	69	1	4	20, 805	187, 422	253, 458
Fulton	185	857, 335	707	36	43	210, 447	944, 794	1, 429, 975
Gallatin	27	53, 550	78	—	—	14, 680	73, 075	115, 460
Greene	94	373, 540	344	—	3	115, 324	509, 983	758, 342
Grundy	70	267, 925	239	2	34	106, 089	246, 212	470, 006
Hamilton	38	127, 370	120	3	—	27, 974	245, 612	335, 094
Hancock	150	543, 790	387	27	9	103, 411	779, 613	1, 014, 039
Hardin	18	40, 225	34	—	—	8, 792	48, 429	62, 715
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	202	5	4	72, 617	292, 603	473, 830
Jackson	81	470, 480	268	25	18	71, 935	484, 040	606, 837
Jasper	43	60, 235	135	—	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, 098	1, 149, 933	1, 790, 197
Johnson	25	88, 900	97	—	1	17, 167	168, 421	224, 822
Kane	328	3, 686, 908	2, 619	570	268	1, 423, 229	3, 869, 230	6, 531, 913
Kankakee	73	474, 900	322	98	9	140, 389	559, 896	889, 498
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	353	5	6	111, 257	646, 649	922, 367
La Salle	309	3, 097, 840	2, 900	70	183	1, 309, 728	3, 056, 339	5, 647, 142
Lawrence	17	87, 900	89	—	1	21, 330	288, 010	354, 890
Lee	103	608, 825	429	28	10	207, 766	1, 162, 655	1, 681, 349
Livingston	78	180, 325	225	1	40	71, 408	319, 097	478, 240
Logan	96	190, 945	234	1	5	80, 951	270, 231	457, 626
McDonough	106	429, 665	405	31	12	137, 860	523, 882	850, 680

TABLE LII.—Manufactures: 1880—A.—ILLINOIS—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
McHenry	214	519,329	354	127	215	113,860	1,062,788	1,496,242
McLean	208	1,194,355	906	42	69	338,306	1,627,288	2,400,561
Macon	164	1,125,195	826	59	71	368,486	1,310,901	2,333,481
Macoupin	153	624,650	430	6	19	156,928	1,717,619	2,074,392
Madison	285	1,970,111	1,651	70	324	769,163	5,061,082	7,208,568
Marion	101	300,700	386	11	6	116,583	409,295	606,596
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	30	139,640	502,675	739,886
Menard	42	156,000	128	4	12	28,809	191,322	294,673
Mercer	85	121,750	166	2	6	45,231	223,935	364,006
Monroe	23	205,702	141	4	1	56,375	741,505	857,967
Montgomery	109	517,500	616	8	7	251,972	1,587,608	2,031,409
Morgan	195	804,000	850	39	108	309,682	1,418,140	2,060,067
Moultrie	55	74,900	96	1	2	22,979	121,739	196,352
Ogle	90	231,675	214	4	12	71,250	517,701	730,421
Peoria	492	4,450,872	4,013	323	151	1,612,974	9,809,883	14,719,382
Perry	48	110,900	162	9	9	48,413	381,435	524,036
Piatt	26	91,250	73	1	1	21,406	123,330	172,940
Pike	122	413,900	325	7	12	113,369	1,035,402	1,340,799
Pope	51	102,135	123	1	1	30,706	142,737	211,161
Polaski	29	391,800	279	18	18	93,213	366,025	589,112
Putnam	19	23,040	35	7	1	7,173	20,869	38,870
Randolph	98	631,625	342	7	1	123,743	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	1,600,717	4,603,023	7,704,268
Saint Clair	349	5,343,404	4,973	12	572	1,775,942	12,845,065	17,819,819
Saline	31	94,675	139	8	8	31,067	184,513	256,870
Sangamon	233	2,653,631	2,164	214	275	932,398	4,316,661	5,872,368
Schuyler	44	143,085	115	27	5	44,726	236,627	357,452
Scott	53	65,880	104	3	0	28,451	116,968	188,667
Shelby	109	222,280	202	17	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	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	6	12,950	216,000	263,602
Warren	42	715,848	577	1	3	199,804	527,518	859,803
Washington	87	451,382	301	5	5	97,313	1,255,874	1,606,343
Wayne	51	170,000	195	71	28	61,236	350,803	454,636
White	76	286,655	375	1	18	87,213	692,234	897,419
Whiteside	188	1,527,471	864	48	18	384,585	1,881,370	2,808,624
Will	234	3,533,805	2,620	130	110	1,164,372	8,252,892	12,544,737
Williamson	25	85,725	94	8	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	3	50,201	237,878	381,531

B.—ILLINOIS, BY SELECTED 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	3,186,999	6,722,930	13,498,575
Bags, paper	31	101,200	29	37	6	24,875	532,300	608,800
Baking and yeast powders.	9	151,700	90	45	1	51,069	519,750	686,600

TABLE LII.—*Manufactures: 1880—B.—ILLINOIS—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Belting and hose, leather...	2	192,756	53	.....	.....	26,710	225,000	302,275
Billiard-tables and materials	4	263,200	366	.....	.....	137,225	283,900	665,400
Bookbinding and blank-book making.	45	253,475	284	196	52	214,024	241,000	597,077
Boots and shoes.....	32	1,729,206	1,718	242	100	755,769	1,834,999	3,183,026
Boxes, fancy and paper....	13	68,790	71	128	32	83,350	119,100	262,292
Boxes, wooden, packing.....	23	575,309	1,010	18	117	459,777	1,328,832	2,008,159
Brass castings.....	15	461,500	556	.....	3	249,118	385,085	784,005
Bread and other bakery products.	267	992,310	1,103	221	60	577,065	2,648,872	3,857,139
Brick and tile.....	616	2,367,023	5,219	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	367,235	456	166	51	181,578	357,852	686,166
Carriages and wagons.....	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	1,067	.....	23	476,742	1,875,291	2,543,682
Cheese and butter.....	285	932,586	631	56	11	233,374	2,840,327	3,870,035
Clothing, men's.....	350	7,135,132	4,842	4,369	285	3,929,964	12,809,297	19,356,849
Clothing, women's.....	19	353,500	72	1,488	23	334,855	1,017,720	1,535,990
Coffee and spices, roasted and ground.	15	500,000	209	44	51	159,096	2,477,021	3,008,879
Coffins, burial cases, and undertakers' goods.	30	306,675	170	13	8	59,477	251,295	470,985
Confectionery.....	44	482,550	273	173	130	242,968	1,569,850	2,208,792
Cooperage.....	372	865,720	2,267	1	48	877,471	1,737,539	2,233,365
Drugs and chemicals.....	28	513,800	329	69	16	132,700	734,828	1,170,216
Electrical apparatus and supplies.	3	271,200	127	23	.....	160,003	143,587	543,000
Fertilizers.....	6	467,000	229	.....	.....	110,760	500,957	729,400
Flavoring extracts.....	4	71,200	35	49	5	36,730	334,500	461,500
Flouring, and grist-mill products.	1,024	12,573,680	4,930	7	3	1,808,124	41,486,756	47,471,558
Foundry and machine-shop products.	299	7,568,259	7,377	6	251	3,644,323	7,107,533	13,515,791
Fruits and vegetables, canned and preserved.	12	151,200	175	187	325	86,062	504,315	730,843
Furnishing goods, men's...	13	536,100	144	1,115	47	392,700	1,143,275	1,835,597
Furniture.....	355	3,534,130	5,256	79	449	2,497,778	3,607,513	7,044,038
Furniture, chairs.....	11	270,000	326	3	61	140,180	178,600	397,572
Furs, dressed.....	16	168,833	60	105	2	56,908	241,690	368,580
Glass.....	7	445,000	632	163	103	342,027	397,842	901,343
Gloves and mittens.....	12	130,000	85	101	5	71,191	211,200	325,200
Glucose.....	3	450,000	367	.....	5	116,700	1,025,420	1,450,400
Glue.....	3	463,000	190	75	8	95,700	281,000	593,500
Grease and tallow.....	14	694,000	227	.....	1	123,951	1,454,775	1,764,300
Hardware.....	22	211,870	309	1	36	146,553	290,795	375,502
Hosiery and knit goods....	14	165,809	150	471	75	92,235	290,695	484,124
Iron and steel.....	21	6,460,020	4,837	369	.....	2,508,718	14,977,145	20,545,289
Iron bolts, nuts, washers, and rivets.	4	187,000	293	.....	48	164,800	727,150	1,104,000
Iron forgings.....	5	145,809	155	.....	.....	73,130	424,337	585,581
Iron nails and spikes, cut and wrought.	5	448,000	339	25	78	192,528	375,430	804,270
Iron pipe, wrought.....	2	735,000	620	12	79	321,521	881,027	1,455,470
Iron work, architectural and ornamental.	13	68,000	144	.....	12	72,854	177,600	318,900
Lamps and reflectors.....	4	453,500	345	25	53	159,250	648,408	1,051,346
Lard, refined.....	4	1,012,700	329	46	75	181,200	4,637,050	5,055,000
Leather, curried.....	18	534,785	247	.....	1	141,096	1,967,255	2,391,380
Leather, tanned.....	34	2,230,114	1,113	89	29	599,028	4,160,112	5,402,070
Lime.....	23	313,150	397	.....	.....	149,212	190,400	444,990
Liquors, distilled.....	36	3,437,616	2,114	.....	.....	834,551	10,006,860	14,600,760
Liquors, malt.....	111	6,008,835	1,010	2	6	734,526	3,261,272	5,798,108
Lithographing.....	13	494,130	367	12	11	220,955	263,549	698,387
Looking-glass and picture frames.	63	359,925	792	32	158	361,675	619,090	1,304,903
Lumber, planed.....	65	871,508	1,155	2	71	474,739	3,799,814	4,813,200
Lumber, sawed.....	640	3,205,433	3,632	199	.....	737,897	3,144,905	5,063,037
Malt.....	22	941,200	257	.....	1	117,710	1,703,169	2,113,080
Marble and stone work.....	183	799,125	1,556	.....	24	712,515	903,793	2,102,387
Mattresses and spring beds.	32	223,350	298	63	50	136,316	342,850	758,568

TABLE LII.—*Manufactures*: 1880—B.—ILLINOIS—Continued.

Mechanical and manufacturing industries.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Millinery and lace goods...	19	122,750	56	306	65	90,380	267,060	471,400
Mineral and soda waters...	50	290,118	814	1	17	120,868	274,702	613,858
Musical instruments, organs and materials.	17	261,000	305	1	42	201,007	323,978	656,500
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	3,690,893
Oleomargarine	3	208,800	63	—	7	21,310	328,500	437,800
Paints	14	792,800	257	18	7	154,328	2,112,145	2,799,700
Paper, not specified	23	1,246,000	646	82	41	293,144	884,688	1,679,692
Patent medicines and com- pounds.	22	322,050	140	50	7	81,040	584,010	627,410
Paving materials	4	59,500	91	—	—	39,037	247,000	313,000
Pickles, preserves, and sauces.	12	87,500	94	10	12	38,165	367,970	518,200
Printing and publishing	243	3,625,400	3,650	531	531	2,401,894	2,807,361	7,114,839
Pumps	27	348,050	225	8	10	85,443	272,862	470,729
Roofing and roofing mate- rials.	20	199,721	242	—	—	90,187	437,877	623,681
Saddlery and harness	718	1,246,281	1,450	168	172	580,250	1,645,270	3,095,322
Sash, doors, and blinds	70	1,589,313	2,185	17	212	968,621	1,904,089	3,500,993
Sewing-machine cases	7	115,800	429	—	36	161,706	134,685	383,355
Sewing-machines and at- tachments.	17	1,187,000	584	4	8	332,776	379,534	1,387,911
Shipbuilding	28	457,000	465	—	—	247,365	492,010	892,003
Shirts	32	162,150	112	458	9	141,800	427,957	746,117
Show-cases	14	62,100	119	—	9	65,270	125,960	263,700
Slaughtering and meat- packing.	143	12,019,980	10,217	—	731	4,077,617	84,649,718	97,891,517
Soap and candles	35	1,407,750	469	23	80	224,874	3,341,777	3,030,322
Steam fittings and heating apparatus.	13	182,700	265	—	13	143,390	462,780	680,530
Straw goods	8	144,000	85	335	19	119,514	297,744	484,609
Tinware, copperware, and sheet-iron ware.	561	1,491,278	1,760	108	172	870,807	2,071,345	3,894,655
Tobacco, chewing, smoking, and snuff.	10	1,129,750	458	197	393	855,135	2,955,741	4,107,400
Tobacco, cigars, and cigar- ettes.	532	1,050,871	2,382	215	232	1,101,786	1,702,458	3,704,990
Trunks and valises	17	168,300	238	4	10	111,345	209,400	542,830
Type founding	4	290,000	127	95	96	103,500	85,000	314,000
Upholstering	38	83,200	148	26	12	67,077	168,941	297,555
Varnish	4	207,000	32	—	1	24,648	302,600	389,000
Vinegar	26	230,920	94	3	9	44,410	202,630	376,583
Watches	4	1,968,827	988	571	—	738,974	223,857	1,298,621
Windmills	23	293,500	196	1	5	104,157	205,604	392,967
Wirework	38	572,722	553	—	42	242,279	1,889,581	2,664,710
Woolen goods	53	1,327,538	527	265	150	296,225	1,362,798	1,896,400
Zinc	5	681,000	866	—	4	416,000	1,257,228	1,815,200
All other industries	5,678	10,823,408	16,538	1,536	1,003	7,643,400	13,243,344	28,240,454

A.—INDIANA, BY TOTALS OF COUNTIES.

The State	11,198	65,742,962	62,072	3,615	3,821	21,960,838	106,262,917	148,006,411
COUNTIES.								
Adams	69	153,250	195	1	10	41,809	203,168	322,764
Allen	247	2,926,146	3,069	165	231	1,182,448	5,017,413	7,178,778
Bartholomew	141	857,565	556	83	22	201,644	1,341,996	1,770,140
Benton	13	13,000	19	—	—	4,575	14,405	28,442
Blackford	46	127,450	161	2	8	47,747	301,350	466,132
Boone	138	211,465	374	—	25	85,808	522,513	747,084
Brown	14	116,400	287	—	—	23,100	102,740	152,925
Carroll	127	415,570	383	7	7	94,760	525,896	795,153
Cass	276	1,309,627	1,250	30	53	422,642	1,647,368	2,573,513
Clark	187	1,051,590	2,541	32	51	822,003	2,677,664	3,937,683

TABLE LII.—*Manufactures: 1880—A.—INDIANA—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Clay	66	465,439	271	2	13	63,731	442,699	609,192
Clinton	149	327,709	465	.....	11	115,422	482,036	764,051
Crawford	61	108,805	147	.....	.....	18,487	127,140	183,230
Davies	54	149,550	169	.....	.....	43,346	888,710	804,119
Dearborn	108	3,370,859	1,578	18	85	637,525	2,792,351	4,442,878
Decatur	109	268,495	305	16	7	75,616	324,885	530,588
De Kalb	127	247,309	277	6	6	54,463	2,4,949	434,320
Delaware	159	701,575	594	55	77	183,500	336,363	1,280,481
Dubois	111	197,695	212	3	7	39,808	261,801	386,754
Elkhart	175	1,437,945	1,117	254	92	450,339	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	237	394	1,151,699	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	458,197
Gibson	92	252,535	253	.....	5	60,320	368,441	545,353
Grant	134	657,765	566	.....	21	159,162	818,765	1,181,321
Greene	84	206,330	226	.....	14	49,741	341,110	471,247
Hamilton	167	416,628	448	4	23	92,501	812,425	1,671,661
Hancock	90	185,640	232	.....	4	51,378	285,580	432,990
Harrison	72	126,810	190	1	.....	19,652	286,545	362,993
Hendricks	158	243,545	359	8	9	86,247	594,545	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	920,639
Jasper	44	40,160	68	1	.....	14,590	54,078	96,141
Jay	83	164,920	210	.....	1	34,205	260,680	374,695
Jefferson	123	1,033,020	966	26	26	372,396	1,857,139	2,672,139
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	160	618,960	449	4	36	132,878	1,031,464	1,356,776
Kosciusko	177	440,039	574	3	12	133,735	563,283	904,540
Lagrange	79	236,060	193	4	5	40,700	253,092	373,509
LaKe	64	699,130	269	1	11	93,410	3,165,552	3,497,900
La Porte	155	1,201,910	1,406	85	51	538,204	2,332,471	3,393,862
Lawrence	87	232,425	259	26	15	47,898	257,484	399,048
Madison	167	525,250	585	8	94	176,733	774,472	1,194,312
Marion	809	10,366,985	9,118	830	513	4,027,473	10,855,886	28,423,874
Marshall	142	510,000	481	2	12	125,189	831,630	1,175,985
Martin	59	230,540	340	.....	22	32,870	164,136	245,648
Miami	113	1,295,750	767	81	76	237,702	806,305	1,311,353
Monroe	71	268,650	326	3	25	71,717	320,279	489,960
Montgomery	148	569,919	581	32	28	173,963	729,313	1,138,303
Morgan	106	216,480	412	1	20	83,968	593,442	819,985
Newton	26	30,375	32	.....	.....	9,087	59,993	91,543
Noble	189	527,070	546	2	8	105,619	688,843	1,076,319
Ohio	29	84,230	89	9	.....	23,850	142,105	200,645
Orange	77	185,950	181	.....	.....	26,145	185,493	275,826
Owen	63	122,800	103	3	4	23,714	206,973	287,475
Parke	109	247,168	304	1	2	53,022	295,999	459,400
Perry	67	472,760	292	201	50	99,437	370,940	595,843
Pike	25	69,795	84	5	1	10,389	125,820	159,470
Porter	68	348,000	324	36	54	108,437	452,137	694,467
Posey	141	308,710	397	4	7	122,300	1,125,810	1,410,989
Pulaski	19	67,800	44	.....	.....	7,370	97,006	124,762
Putnam	104	262,285	502	11	29	205,452	504,153	881,013
Randolph	130	316,900	436	32	43	123,779	674,912	935,201
Ripley	157	314,440	402	12	23	113,253	476,975	745,364
Rush	132	251,835	363	2	10	83,600	381,957	619,367

TABLE LII.—Manufactures: 1880—A.—INDIANA—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 16 years. No.	Children and youths. No.			
Saint Joseph.....	213	3,760,477	3,467	119	367	1,471,983	3,735,130	6,749,758
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
Stenben.....	100	197,735	218	2	2	53,816	339,274	489,954
Sullivan.....	80	183,438	206	10	4	53,698	460,228	596,638
Switzerland.....	36	107,945	150	1	1	34,572	169,132	248,428
Tippacanoe.....	238	1,213,298	1,473	94	55	584,504	1,734,586	2,868,261
Tipton.....	58	105,565	166	—	5	28,412	274,325	400,491
Union.....	40	123,025	109	3	10	33,124	169,090	265,817
Vanderburgh.....	357	4,823,745	3,060	337	381	1,291,171	5,205,230	8,433,173
Vermillion.....	47	127,790	103	—	4	22,025	166,732	222,946
Yigo.....	269	2,757,775	3,340	144	154	1,492,932	7,072,514	9,709,800
Wabash.....	193	660,495	687	12	9	152,491	823,378	1,230,287
Warren.....	49	118,300	113	—	20	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	1,087,991	4,400,503	6,805,259
Wells.....	85	294,360	343	20	35	89,646	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 SELECTED INDUSTRIES.

MECHANICAL AND MANU- FACTURING INDUSTRIES.								
All industries.....	11,198	65,742,962	62,072	3,015	3,821	21,960,388	100,262,917	148,006,411
Agricultural implements ..	96	3,231,818	2,357	1	113	1,010,044	2,182,137	4,460,498
Boots and shoes.....	19	228,500	304	33	4	111,465	236,448	476,845
Bread and other bakery products.....	155	869,910	448	45	20	199,949	779,775	1,291,961
Brick and tile.....	735	1,408,204	3,908	4	328	716,254	694,226	1,927,858
Carriage and wagon mate- rials.....	44	1,249,008	1,761	—	44	614,128	1,306,566	2,369,723
Carrriages and wagons ..	195	2,732,417	2,790	5	111	1,133,233	1,605,103	3,968,520
Cars, railroad, street, and repairs.....	5	450,000	2,489	—	25	791,267	3,792,600	4,960,500
Clothing, men's.....	228	810,640	876	807	17	610,114	1,393,380	2,504,816
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	107,844	222,975	585,466
Confectionery.....	29	132,400	105	20	20	52,302	286,035	432,080
Cooperage.....	265	970,580	2,447	—	140	843,942	1,943,638	3,842,552
Cotton goods.....	4	1,090,000	133	391	124	163,829	651,434	1,155,029
Fertilizers.....	10	157,000	168	—	—	64,099	724,825	989,725
Flax, dressed.....	21	158,500	216	30	47	87,650	245,110	420,100
Flouring- and grist-mill products.....	996	9,484,023	3,146	—	13	989,087	26,104,637	29,591,397
Foundry and machine-shop products.....	120	3,993,578	3,798	4	128	1,672,520	3,915,164	6,833,648
Furniture.....	251	2,243,250	2,628	11	221	1,044,367	1,997,177	3,900,591
Furniture, chairs.....	37	395,850	587	86	99	232,005	246,462	632,746
Glass.....	4	1,442,000	695	53	114	284,207	439,733	790,781
Iron and steel.....	12	2,283,000	1,883	—	165	864,921	3,293,073	4,551,403
Iron nails and spikes, cut and wrought.....	1	150,000	300	—	—	170,710	251,392	426,908
Leather, carried.....	93	381,552	181	—	1	66,080	1,192,434	1,462,778
Leather, tanned.....	105	653,349	296	—	7	109,791	971,291	1,266,653

TABLE LII.—*Manufactures: 1880—B.—INDIANA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Liquors, distilled.....	22	2,300,250	415	.....	.....	177,767	2,000,523	2,907,063
Liquors, malt.....	63	1,609,179	577	.....	.....	257,514	1,092,752	1,930,803
Lumber, planed.....	84	655,540	691	.....	26	231,410	702,404	1,266,215
Lumber, sawed.....	2,022	7,048,088	9,926	.....	418	1,571,740	9,627,097	14,260,830
Marble and stone work.....	156	338,547	582	.....	12	250,599	427,253	980,072
Mixed textiles.....	5	685,000	208	215	134	209,337	503,052	918,150
Oil, linseed.....	8	435,000	102	1	2	44,715	1,125,000	1,276,806
Paper, not specified.....	19	875,000	291	107	26	196,628	741,793	1,112,660
Printing and publishing.....	99	1,126,320	1,222	108	169	639,599	703,934	1,832,023
Pumps.....	55	251,400	300	.....	3	112,299	247,925	533,906
Saddlery and harness.....	458	898,825	1,157	3	39	430,264	1,168,735	2,126,896
Sash, doors, and blinds.....	40	744,850	583	5	40	236,304	908,133	1,437,350
Saws.....	3	112,000	64	.....	.....	56,050	161,000	291,000
Sewing-machine cases.....	3	514,000	768	.....	225	389,243	940,625	1,354,625
Shipbuilding.....	23	194,250	312	.....	.....	211,736	529,840	810,655
Slaughtering and meat-packing.....	25	3,974,000	1,790	.....	25	494,622	13,645,927	15,209,204
Starch.....	6	625,000	310	16	21	145,880	959,740	1,276,680
Tinware, copperware, and sheet-iron ware.....	319	634,418	805	3	32	225,447	792,079	1,553,484
Tobacco, cigars, and cigarettes.....	208	298,837	520	24	85	318,158	542,475	1,226,325
Woolen goods.....	81	2,273,705	846	587	308	402,681	1,823,390	2,720,547
All other industries.....	4,031	5,413,528	8,321	946	514	3,134,518	6,581,585	13,020,471

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	32,500	25	7	1	4,423	32,500	42,017
Adams.....	31	40,550	64	.....	.....	17,837	174,927	225,990
Allamakee.....	83	451,496	223	4	11	79,919	348,408	545,552
Appanoose.....	51	78,607	100	1	3	26,750	196,625	285,103
Ashtabula.....	6	15,100	15	.....	1	2,625	30,650	30,165
Benton.....	95	221,365	200	3	3	53,837	278,390	418,504
Black Hawk.....	132	539,578	498	8	10	166,740	1,683,251	1,437,027
Boone.....	89	254,323	218	16	8	87,417	309,993	680,953
Bremer.....	50	143,650	125	12	4	36,750	175,483	274,204
Buchanan.....	75	297,830	174	16	10	56,229	265,640	422,583
Buena Vista.....	28	58,850	68	1	.....	20,166	140,204	196,008
Butler.....	45	130,915	79	1	1	20,428	251,892	333,738
Calhoun.....	23	21,650	20	.....	.....	4,655	41,219	62,757
Carroll.....	14	42,350	38	.....	.....	10,159	67,425	100,591
Cass.....	42	127,630	174	1	5	53,418	497,520	635,657
Cedar.....	65	125,915	82	1	0	24,381	121,478	202,348
Cerro Gordo.....	31	187,800	59	7	2	22,448	293,880	363,303
Cherokee.....	31	65,475	69	2	1	25,199	142,770	192,939
Chickasaw.....	60	128,850	122	1	5	30,003	195,228	288,046
Clarke.....	36	79,150	69	6	.....	27,580	174,420	249,644
Clay.....	26	81,873	37	1	1	12,385	94,841	125,237
Clayton.....	209	789,085	436	13	28	153,173	722,883	1,079,603
Clinton.....	172	2,732,492	1,419	60	219	581,010	2,704,554	4,680,647
Crawford.....	54	98,015	115	.....	2	41,306	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	116,480	123	2	5	23,253	156,388	234,544
Delaware.....	153	359,480	294	21	25	90,499	390,614	644,319
Des Moines.....	184	1,420,373	1,277	59	90	550,293	1,623,936	2,836,053
Dickinson.....	2	18,000	9	.....	.....	2,025	32,970	38,149

TABLE LII.—Manufactures: 1880—A.—IOWA—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Dubuque	459	3,749,761	2,796	235	90	1,399,994	4,235,244	6,885,239
Emmet	4	4,900	4	—	—	1,150	11,850	15,115
Payette	98	264,976	183	8	5	45,657	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	106,479
Fremont	70	208,463	198	—	15	70,655	295,154	481,899
Greene	33	105,665	103	—	3	21,048	116,443	169,952
Grundy	27	89,750	54	2	2	18,314	71,879	116,675
Guthrie	40	132,255	77	4	—	20,881	155,888	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	230	10	5	67,214	311,821	471,384
Harrison	56	121,575	139	1	—	32,466	183,578	297,056
Henry	99	346,280	287	4	12	62,501	467,101	623,815
Howard	47	102,500	85	—	17	28,500	186,569	264,467
Humboldt	17	72,175	31	—	1	8,731	56,010	82,670
Ida	4	23,000	21	—	3	6,375	64,250	80,840
Iowa	58	263,838	227	4	23	68,179	343,133	512,364
Jackson	130	585,630	465	25	24	121,421	1,469,512	1,788,664
Jasper	67	158,510	152	—	7	35,784	292,290	397,536
Jefferson	63	175,925	127	4	7	35,972	236,159	418,603
Johnson	180	816,466	658	27	43	191,478	887,633	1,332,549
Jones	115	276,490	272	47	—	79,307	547,679	785,626
Keokuk	130	270,216	266	10	16	52,707	380,452	560,500
Kossuth	28	53,675	63	1	—	16,425	79,305	122,466
Lee	285	2,146,534	1,574	94	206	600,910	1,978,312	3,192,058
Linn	207	1,564,150	1,170	94	56	464,596	4,249,617	5,205,859
Louisia	40	89,800	83	2	—	26,695	169,806	276,452
Lucas	59	108,975	120	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	392,381	293	11	12	105,593	364,273	611,530
Marion	102	201,835	195	—	16	46,902	273,114	395,311
Marshall	111	692,588	421	5	4	182,206	1,008,699	1,507,650
Mills	29	80,682	60	—	3	23,398	269,315	275,295
Mitchell	81	384,482	182	6	4	67,385	478,793	625,559
Monona	33	90,700	82	2	1	16,294	128,940	173,471
Monroe	49	73,755	126	3	4	29,291	166,703	249,905
Montgomery	41	131,475	92	5	2	32,520	164,895	247,320
Muscatine	105	1,056,983	806	81	123	341,404	1,238,421	1,913,149
O'Brien	12	86,825	25	—	—	6,135	39,550	57,545
Oceola (a)	—	—	—	—	—	—	—	—
Page	42	89,350	82	—	1	26,998	129,645	197,593
Palo Alto	16	31,500	38	—	3	10,702	82,098	97,818
Plymouth	12	128,500	37	—	1	18,176	277,880	356,981
Pocahontas	2	2,260	2	—	—	1,000	500	3,172
Polk	202	1,564,790	1,395	75	104	715,399	3,023,659	4,530,428
Pottawattamie	120	346,511	67	20	5	282,369	1,779,234	2,448,842
Poweshiek	51	244,163	177	58	6	79,062	211,803	411,010
Ringgold	16	18,750	45	2	3	13,350	60,650	92,595
Sac	21	63,900	58	3	5	14,922	99,665	128,959
Scott	241	2,968,157	1,564	85	152	705,693	3,105,143	4,667,511
Shelby	11	46,339	63	—	1	15,707	74,611	102,660
Sioux	7	14,950	10	—	1	2,582	19,200	29,530
Story	36	58,630	62	—	3	19,443	51,988	96,126
Tama	81	242,334	156	1	2	53,531	357,141	502,741
Taylor	32	62,423	77	—	7	20,405	143,467	209,453
Union	48	125,500	177	—	5	62,932	289,217	423,695
Van Buren	97	301,400	238	41	16	83,072	449,722	655,084
Wapello	154	1,094,495	843	101	23	375,577	2,706,528	3,508,379

(a) Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—IOWA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Warren.....	60	110,735	121	.....	3	24,838	218,460	314,418
Washington.....	70	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.....	50	171,525	191	.....	4	65,478	194,878	341,190
Winnebago (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Winneshek.....	67	203,786	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	13,360	7	.....	.....	1,500	15,510	20,086

B.—IOWA, BY SELECTED 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	765	1	23	243,635	601,096	1,271,872
Bread and other bakery products.	97	353,633	271	45	31	134,602	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	.....	12	87,808	242,858	351,476
Carriages and wagons.....	208	1,565,645	1,372	.....	16	610,017	1,042,758	2,212,197
Cheese and butter.....	244	657,508	670	91	34	139,813	1,261,316	1,736,400
Clothing, men's.....	167	665,263	512	377	3	353,100	830,510	1,508,398
Cooperage.....	112	184,539	515	.....	4	207,573	312,066	600,213
Flouring- and grist-mill products.	713	7,890,859	2,146	.....	1	748,045	10,438,480	19,089,401
Foundry and machine-shop products.	102	1,032,550	1,076	2	28	471,574	747,553	1,594,349
Furniture.....	160	744,670	723	10	19	314,752	626,453	1,293,504
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
Lumber, planed.....	12	94,600	95	.....	6	42,633	161,500	256,800
Lumber, sawed.....	328	4,946,390	2,526	.....	463	825,244	4,141,385	6,185,628
Marble and stone work.....	85	240,970	317	1	3	142,200	188,119	499,744
Oil, pressed.....	7	432,000	94	1	2	46,330	570,812	766,800
Printing and publishing.....	146	1,123,088	833	79	78	498,229	514,380	1,399,289
Saddlery and harness.....	451	964,728	988	3	16	380,552	1,173,862	2,068,486
Sash, doors, and blinds.....	27	713,200	526	.....	95	208,592	847,092	1,286,072
Slaughtering and meat-packing.	38	1,955,500	1,468	.....	44	530,183	9,996,845	11,285,032
Soap and candles.....	15	135,500	56	5	3	23,418	195,800	259,960
Tinware, copperware, and sheet-iron ware.	321	520,150	614	.....	6	250,266	583,786	1,198,804
Tobacco, cigars.....	133	263,675	490	39	59	226,961	376,621	830,097
Wire.....	3	131,000	40	.....	.....	35,135	319,350	447,500
Woolen goods.....	34	553,500	307	132	60	117,792	455,747	679,904
All other industries.....	3,046	4,411,533	6,132	632	388	2,387,306	5,114,441	10,437,940

A.—KANSAS, BY TOTALS OF COUNTIES.

The State.....	2,803	11,192,315	11,133	392	531	3,995,010	21,453,141	30,843,777
COUNTIES.								
Allen.....	55	95,020	135	7	4	46,449	196,564	299,398
Anderson.....	33	44,450	48	2	.....	15,450	126,177	178,354
Arapahoe (a).....	141	696,725	784	109	25	455,438	1,451,469	2,332,205
Atchison.....	10	18,200	25	.....	3	2,755	6,433	15,305
Barbour.....	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—A.—KANSAS—Continued.*

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Barton.....	11	55,850	30	—	—	10,428	45,834	62,265
Bourbon.....	67	249,470	289	3	13	110,010	630,869	897,869
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	52,806	80	—	3	17,635	104,207	151,547
Cherokee.....	57	128,750	171	2	3	74,298	162,912	311,526
Cheyenne (a).....	—	—	—	—	—	—	—	—
Clark (a).....	—	—	—	—	—	—	—	—
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	270,803
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	20,400	302,506	395,209
Douglas.....	129	548,035	455	32	40	179,523	706,212	1,150,116
Edwards.....	1	15,000	3	—	—	2,000	44,200	47,750
Elk.....	37	45,680	57	1	1	10,723	82,977	120,121
Ellis.....	7	13,900	5	—	—	1,479	6,070	10,857
Ellsworth.....	12	42,050	31	4	—	10,860	61,700	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	1,985	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	10,770
Jefferson.....	37	87,865	62	—	—	18,200	270,868	333,123
Jewell.....	24	24,128	51	—	1	10,107	30,809	53,380
Johnson.....	53	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	207	6	5	79,581	544,190	747,463
Lane (a).....	—	—	—	—	—	—	—	—
Leavenworth.....	219	1,808,530	2,123	96	86	869,387	2,613,699	4,221,622
Lincoln.....	11	42,400	16	—	—	5,603	71,750	96,850
Linn.....	42	67,475	86	—	3	22,310	179,877	243,461
Lyon.....	54	247,024	231	7	10	69,204	805,010	435,000
McPherson.....	28	52,400	43	—	2	12,643	72,425	104,222
Marion.....	34	64,845	62	—	3	18,252	158,858	223,191
Marshall.....	53	310,637	193	29	17	69,142	467,881	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	108,025	104	3	2	27,446	221,573	289,822
Morris.....	32	68,850	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

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—A.—KANSAS—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Ness (a)	9	23,900	14			3,527	21,573	29,578
Norton	62	100,100	130	3	7	33,887	163,875	255,394
Osage	13	36,925	33		1	4,613	68,533	85,878
Osborne	17	26,630	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		1	700	20,000	24,001
Rawlins	1	645	2			875	600	2,400
Reno	28	70,765	60		3	14,748	182,606	226,746
Republic	24	31,975	29			7,850	50,652	70,388
Rice	7	5,600	7			2,250	4,550	11,110
Riley	20	46,766	34			10,007	29,420	52,163
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	224,129
Saline	38	230,000	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	732	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
Wabauensee	18	44,850	23	3	3	4,515	21,887	35,511
Wallace (a)								
Washington	54	71,050	72		5	18,555	81,761	135,381
Wichita (a)								
Wilson	50	92,125	145		5	28,526	183,748	245,337
Woodson	14	35,360	20	1	5	5,863	40,394	58,199
Wyandotte	54	1,963,325	1,659		136	494,911	4,961,180	6,625,229

a Returned as having no manufactures.

B.—KANSAS, BY SELECTED 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
Brick and tile.....	103	125,825	948	19	79	174,111	90,935	355,668
Carriages and wagons.....	23	247,500	587	.....	.....	217,364	337,920	745,800
Clothing, men's.....	46	76,300	149	40	.....	82,318	124,175	275,349
Flouring- and grist-mill products.....	320	3,935,828	1,329	.....	3	520,300	10,286,121	11,855,022
Foundry and machine-shop products.....	25	463,300	563	.....	6	304,874	336,208	889,294
Furniture.....	75	232,245	377	2	15	153,422	232,300	512,089
Iron and steel.....	2	450,000	570	.....	60	166,500	734,245	1,004,100
Lumber, sawed.....	146	262,975	567	.....	9	86,757	447,449	682,697
Printing and publishing.....	50	289,565	353	75	79	197,862	212,359	519,597

TABLE LII.—Manufactures: 1890—B.—KANSAS—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Saddlery and harness	176	338,605	403	2	6	153,877	468,383	835,934
Slaughtering and meat-packing.	14	1,669,400	1,017	.....	53	263,600	4,320,802	5,618,714
Tinware, copperware, and sheet-iron ware.	143	299,675	296	.....	3	135,939	332,617	629,603
Tobacco, cigars, and cigarettes.	55	170,100	266	4	35	124,007	240,732	479,089
Zinc	2	110,000	180	.....	.....	110,000	90,000	254,000
All other industries	1,623	2,470,997	3,594	250	183	1,321,569	3,122,895	6,183,821

A.—KENTUCKY, BY TOTALS OF COUNTIES.

The State.....	5,328	45,812,039	30,949	3,529	2,913	11,657,844	47,461,800	75,483,377
COUNTIES.								
Adair	29	34,700	63	.....	.....	5,878	45,921	66,803
Allen	35	50,100	97	4	2	20,276	102,086	148,085
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	460,625	264	2	8	94,172	439,380	711,235
Boyd	60	1,601,100	632	6	104	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	13,889	170,130	225,213
Breathitt	3	4,100	13	.....	1	1,600	5,483	8,400
Breckinridge	50	77,800	105	.....	5	15,822	105,002	156,355
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	154,495
Calloway	25	32,325	76	.....	1	6,590	114,750	137,200
Campbell	124	1,901,915	1,818	85	118	765,859	2,918,561	4,587,675
Carroll	39	256,155	150	53	64	48,875	232,003	384,825
Carter	7	195,100	332	.....	30	104,320	99,815	164,568
Casey	32	79,935	90	.....	2	27,535	93,705	155,349
Christian	76	298,200	284	.....	9	85,978	518,695	714,652
Clark	60	93,230	90	.....	9	13,542	78,232	131,700
Clay	2	18,500	25	.....	.....	7,050	5,550	15,725
Clinton	14	26,700	23	.....	3	4,315	33,612	45,234
Crittenden	23	30,241	20	.....	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	5,650	7	.....	.....	2,050	17,035	22,737
Elliot	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	8	.....	.....	600	4,800	6,700
Franklin	70	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	87,600	36	.....	.....	3,775	42,120	56,918
Greenup	25	1,311,810	893	.....	59	172,215	212,506	287,069
Hancock	20	30,900	57	.....	.....	14,011	24,953	55,865

TABLE LII.—*Manufactures: 1880—A.—KENTUCKY—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
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	85,580	97		5	11,017	99,199	140,492
Henderson	43	174,280	131		7	38,125	254,377	364,094
Henry	74	167,431	134		2	33,130	157,790	256,145
Hickman	29	51,668	92		4	22,760	147,950	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	5,879,009	21,399,470	35,748,338
Jessamine	61	176,380	146		22	52,354	407,166	561,340
Johnson	6	8,900	4			370	2,235	5,970
Kenton	213	3,223,391	2,271	223	453	1,038,823	3,069,427	5,012,480
Knox	11	7,750	16			1,632	8,000	11,900
La Rue	23	61,900	69		6	10,351	68,544	97,238
Laurel	5	8,000	6			1,666	23,466	31,350
Lawrence	8	15,762	20		8	7,080	26,531	40,588
Lee (a)								
Leslie (a)								
Letcher (a)								
Lewis	68	127,905	242	9	25	40,682	195,734	313,838
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	53,868	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	54,080
Madison	47	427,980	247		6	74,361	598,300	811,534
Magoffin	5	12,200	11			1,375	10,650	15,800
Marion	30	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	2,530
Mason	47	805,600	499	43	99	196,630	707,067	1,222,114
Mende	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	339,608
Metcalfe	12	21,650	29		1	5,610	24,096	36,697
Monroe	26	57,315	36			6,862	52,815	76,295
Montgomery	56	80,145	107	3		30,354	64,207	132,956
Morgan	8	12,700	11		4	3,400	8,223	15,916
Muhlenburgh	36	53,875	107	6	23	18,111	54,122	99,448
Nelson	80	913,915	279	3	6	96,846	839,941	1,238,396
Nicholas	45	56,090	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	94,239	145,300
Owsley	8	7,700	14			1,245	43,480	55,877
Pendleton	61	106,530	101		8	26,388	178,158	255,075
Perry (a)								
Pike	9	11,050	15			1,610	23,170	30,462
Powell	5	10,300	17			5,365	21,260	31,670
Pulaski	84	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	129,570	185,248
Rowan (a)								
Russell	7	7,700	8		1	1,475	15,110	20,230
Scott	52	133,200	121		4	36,123	169,699	267,588
Shelby	70	194,235	116			31,442	265,785	368,205
Simpson	35	74,685	71	1	8	13,115	198,933	249,732
Spencer	15	27,100	28			3,624	73,675	80,361

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—KENTUCKY—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Taylor.....	39	34,800	63	.....	.....	10,946	99,045	152,165
Todd.....	40	63,725	83	.....	7	17,355	235,290	293,812
Trigg.....	28	249,800	55	.....	.....	14,755	102,790	137,719
Trimble.....	9	113,000	39	.....	2	11,930	133,124	177,905
Union.....	16	41,550	39	.....	2	13,522	44,640	72,480
Warren.....	54	412,500	207	62	56	96,232	231,912	501,698
Washington.....	62	103,225	90	.....	.....	16,795	179,597	240,390
Wayne.....	20	40,750	21	.....	.....	4,358	54,377	72,342
Webster.....	19	20,600	36	.....	2	6,235	47,647	67,112
Whitley.....	7	22,000	16	.....	.....	3,283	29,472	40,089
Wolfe.....	19	21,605	18	.....	.....	2,425	22,795	30,825
Woodford.....	69	215,725	177	3	7	56,275	282,134	438,815

B.—KENTUCKY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.									
All industries.....	5,328	45,813,039	30,940	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	
Boots and shoes	15	197,100	315	120	28	159,587	339,433	578,732	
Bread and other bakery products.	128	287,825	274	35	14	101,088	405,144	735,901	
Brick and tile.....	115	302,175	1,162	1	216	233,792	145,503	506,705	
Bridges.....	1	250,000	110	.....	15	70,000	180,000	300,000
Carriages and wagons	95	723,950	898	2	24	376,422	718,940	1,474,475	
Clothing, men's	69	707,700	876	825	40	351,616	820,611	1,504,668	
Clothing, women's	3	45,000	2	220	25	53,300	275,800	368,900	
Coffee and spices, roasted and ground.	4	50,500	25	.....	8	22,892	217,500	296,953
Confectionery	26	188,925	110	19	5	46,414	181,999	318,540	
Cooperage	113	410,815	947	.....	13	394,795	573,496	1,243,930
Cordage and twine	9	137,300	155	.....	62	72,923	213,120	354,750
Cotton goods	4	365,000	123	94	133	64,550	259,818	426,286	
Flax, dressed	8	103,000	130	.....	70	61,700	419,000	536,700
Flouring- and grist-mill products.	652	3,685,759	1,478	.....	7	336,419	8,406,432	9,604,147
Foundry and machine-shop products.	50	2,283,350	1,992	.....	39	763,392	1,690,171	3,013,079
Furniture	50	542,950	687	5	38	261,550	430,605	940,810	
Furniture, chairs	15	136,100	197	12	49	89,236	123,585	257,820	
Glass	5	795,000	304	11	147	150,822	134,104	388,405	
Handles, wooden	10	72,100	215	.....	13	68,845	139,148	305,986
Iron and steel	29	5,493,035	3,831	.....	264	1,344,400	3,222,799	5,090,029
Leather, curried	46	169,400	112	.....	.....	33,203	554,247	687,883
Leather, tanned	63	1,741,430	516	1	11	204,345	1,799,047	2,511,960	
Liquors, distilled	215	6,345,922	1,414	3	13	560,121	5,453,575	8,281,013	
Liquors, malt	30	1,260,944	435	1	3	209,143	897,922	1,491,659	
Lumber, planed	21	444,268	432	.....	7	184,187	540,197	950,638
Lumber, sawed	670	2,290,558	2,506	1	94	671,939	2,410,743	4,064,361	
Malt	2	80,000	26	.....	1	19,000	350,000	510,000
Marble and stone work	45	189,775	281	.....	.....	132,469	200,306	496,980
Mixed textiles	5	615,000	137	210	161	135,048	579,176	869,329	
Oleomargarine	1	400,000	75	.....	10	10,000	200,000	250,000
Paper, not specified	2	600,000	172	113	10	82,460	363,070	619,422	
Patent medicines and compounds.	12	144,850	36	10	5	15,820	168,650	363,400	
Printing and publishing	48	1,401,700	740	106	86	452,113	476,214	1,289,316	
Saddlery and harness	164	582,865	660	20	32	261,543	753,346	1,370,885	
Slaughtering and meat-packing.	31	2,229,500	389	.....	8	150,576	3,644,059	4,538,888
Soap and candles	5	333,740	72	27	.....	29,700	324,881	393,325
Tinware, copperware, and sheet-iron ware.	127	320,965	344	1	12	149,656	402,866	772,483	

TABLE LII.—Manufactures: 1880—B.—KENTUCKY—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Tobacco, chewing, smoking, and snuff.	28	1,069,800	1,059	530	382	344,219	2,232,030	3,734,835
Tobacco, cigars, and cigarettes.	107	856,964	560	69	169	220,949	389,007	982,514
Tobacco stemming	20	541,158	138	81	116	67,656	495,529	629,530
Watch cases	1	500,000	200	20	55	150,000	500,000	800,000
Woolen goods	98	890,750	352	253	217	166,189	852,405	1,264,938
All other industries	2,100	4,091,729	5,397	720	296	2,019,509	4,065,220	8,625,026

A.—LOUISIANA, BY TOTALS OF PARISHES.

The State	1,553	11,462,468	10,171	1,335	631	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
Avoynes	29	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	30,608
Caddo	20	201,819	223		12	57,405	198,217	328,623
Calcasieu	21	122,800	160		16	52,540	233,430	401,825
Caldwell	2	2,250	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	69,588	92,321
Concordia	1	500	1			400	1,000	2,000
De Soto	7	13,500	9			1,520	9,650	15,970
East Baton Rouge	13	45,850	83		9	24,400	43,250	91,800
East Carroll	3	4,000	10			1,005	1,900	4,100
East Feliciana	11	24,000	22			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
Jackson (a)								
Jefferson	10	665,550	439	4	5	126,865	530,710	821,441
La Fayette	22	9,550	17		1	3,670	8,921	22,179
Lafourche	16	78,950	81			21,450	38,265	90,150
Lincoln	19	24,705	27			3,470	22,544	45,083
Livingston	5	22,500	22		3	4,300	27,150	41,760
Madison	1	8,000	9			1,500	14,000	18,000
Morehouse	16	32,000	51		1	7,355	22,056	42,850
Natchitoches	5	10,000	17			2,950	8,199	15,800
Orleans	915	8,565,303	7,069	1,286	582	3,717,537	10,771,692	18,808,096
Onachita	9	33,700	31		2	9,850	35,225	56,375
Plaquemines	1	500	1			280	200	620
Point Coupee	25	15,220	33			5,560	22,965	43,490
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	30	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	5,675	17,800
Saint John Baptist	5	3,900	12			2,800	1,725	6,330
Saint Landry	76	65,299	103			21,379	65,680	132,948
Saint Martin	5	12,500	16			4,925	39,350	50,600
Saint Mary	17	62,950	93		2	26,860	188,646	294,615

(a) Returned as having no manufactures.

TABLE LII.—*Manufactures: 1890—A.—LOUISIANA—Continued.*

Parishes.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
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
Texas (a)								
Terrebonne	20	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			3,437	4,600	10,728
Vernon	3	4,100	6			597	3,600	6,000
Washington (a)								
Webster	4	6,600	14			1,752	6,332	11,929
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 SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,553	11,462,468	10,171	1,335	661	4,360,371	14,442,506	24,205,183
Bread and other bakery products.	101	109,920	319	8	17	121,060	542,150	983,960
Clothing, men's	34	190,375	276	628	30	175,971	743,907	1,079,559
Confectionery	21	132,800	86	11	17	33,754	274,571	393,040
Cooperage	124	129,395	423		1	151,830	155,488	419,074
Cotton compressing	19	2,135,000	560			399,780	105,788	747,500
Flouring- and grist-mill products.	84	176,380	107			22,245	397,440	489,848
Foundry and machine-shop products.	31	910,625	916	30	31	489,896	777,000	1,554,485
Liquors, malt	9	160,613	114			55,092	295,778	458,459
Lumber, planed	8	74,300	100		4	44,973	163,710	270,480
Lumber, sawed	175	903,950	942		33	200,063	1,187,059	1,764,040
Oil, cottonseed and cake	12	1,537,300	1,452	19	75	422,135	2,280,910	3,739,466
Printing and publishing	25	393,650	503	4	17	407,946	226,600	764,036
Rice cleaning and polishing	6	225,000	162			56,040	1,328,887	1,573,281
Saddlery and harness	27	172,100	154	1	15	70,549	207,800	377,830
Sash, doors, and blinds	7	295,000	177			87,200	254,250	451,000
Shipbuilding	38	152,100	213			113,520	162,405	343,525
Slaughtering and meat-packing	1	500,000	18			13,830	1,375,000	1,500,000
Sugar and molasses, refined	4	385,000	190			50,000	1,340,000	1,483,000
Tobacco, cigars, and cigarettes.	47	175,674	630	187	87	179,999	152,156	506,612
Tobacco, chewing, smoking, and snuff	8	348,000	127	6	88	70,540	242,100	424,085
All other industries	772	2,420,486	2,746	441	246	1,187,912	2,230,009	4,881,753

A.—MAINE, BY TOTALS OF COUNTIES.

The State	4,481	49,938,171	35,431	13,777	3,746	13,623,318	51,120,708	79,829,793
COUNTIES.								
Androscoggin	253	12,099,562	5,065	4,394	745	3,032,897	8,714,373	14,789,963
Aroostook	270	941,460	1,001	22	3	190,615	1,100,175	1,744,052
Cumberland	3	3,542,710	7,650	2,853	1,052	2,584,898	11,266,062	10,540,198
Franklin	207	622,434	577	156	58	139,205	536,657	892,937
Hancock	270	898,285	943	352	294	252,080	955,222	1,584,236

TABLE LII.—*Manufactures: 1880—A.—MAINE—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Kennebec.....	356	5,764,547	2,985	1,096	221	1,314,171	4,691,294	7,737,822
Knox.....	197	1,662,584	1,171	127	3	422,994	1,491,812	2,274,359
Lincoln.....	126	297,675	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	394	139	1,082,960	6,243,326	9,692,667
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	2,083,966
Somerset.....	307	1,464,973	1,519	400	373	392,601	1,529,249	2,491,302
Waldo.....	196	496,388	602	164	6	189,258	634,157	1,107,574
Washington.....	319	2,212,235	2,065	117	48	536,679	3,028,474	4,224,206
York.....	336	7,423,563	4,542	2,932	753	2,175,535	6,020,002	10,485,755

B.—MAINE, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	4,481	40,088,171	35,431	13,777	3,746	13,623,318	51,120,708	79,829,793
Agricultural implements..	28	726,300	440	1	7	174,075	329,675	661,445
Boots and shoes.....	52	1,869,000	2,634	1,180	105	1,335,168	3,829,446	5,823,541
Bread and other bakery products.	31	155,200	169	.....	4	71,804	233,870	377,554
Brick and tile.....	96	280,549	621	.....	16	106,538	122,887	310,953
Brooms and brushes.....	11	60,100	120	7	14	38,309	268,925	292,930
Carriages and wagons.....	46	274,100	322	.....	.....	142,644	291,857	460,609
Clothing, men's.....	79	443,475	254	1,203	16	262,112	637,316	1,139,381
Cooperage.....	118	189,913	435	.....	.....	105,614	103,234	385,304
Cotton goods.....	24	15,292,078	3,868	6,481	1,420	2,026,640	7,320,162	13,319,368
Dyeing and finishing textiles.	4	593,500	594	45	41	168,619	321,989	1,107,616
Fertilizers.....	13	184,625	119	.....	.....	30,410	198,600	283,650
Flouring and grist-mill products.	261	993,500	385	.....	.....	109,882	3,560,926	3,996,923
Foundry and machine-shop products.	70	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
Furniture.....	68	310,950	367	8	7	142,500	282,590	572,275
Iron and steel.....	3	450,000	683	.....	17	141,494	380,511	583,328
Leather, board.....	5	120,000	128	10	.....	53,500	124,000	296,000
Leather, curried.....	34	510,900	262	10	2	90,094	2,290,310	2,612,550
Leather, tanned.....	83	2,459,700	1,387	.....	6	464,964	5,535,427	7,100,967
Lime and cement.....	28	942,150	301	.....	.....	86,274	303,309	599,695
Lumber, planed.....	33	300,000	224	.....	14	29,865	351,471	611,799
Lumber, sawed.....	848	6,339,896	6,480	.....	183	1,161,142	4,951,957	7,333,868
Matches.....	3	71,000	64	39	2	38,212	263,693	314,593
Mixed textiles.....	13	1,230,380	487	451	133	357,585	1,238,247	1,993,837
Oilcloth, floor.....	4	695,000	289	2	.....	124,500	1,535,075	713,000
Paper, not specified.....	12	1,995,000	753	314	.....	325,691	1,347,509	2,170,221
Printing and publishing.....	48	747,600	410	216	14	287,005	976,317	1,600,098
Saddlery and harness.....	127	166,165	212	2	2	72,865	225,048	393,326
Sash, doors and blinds.....	34	264,350	.....	.....	2	82,550	199,350	380,950
Shipbuilding.....	379	811,750	1,967	.....	.....	838,559	1,935,857	2,909,846
Slaughtering and meat-packing.	6	194,560	53	.....	.....	34,300	1,008,605	1,093,687
Starch.....	23	294,200	254	.....	.....	23,280	339,611	442,700
Sugar and molasses, refined.	2	460,000	90	.....	.....	34,457	1,416,414	1,499,512
Tinware, copperware, and sheet-iron ware.	90	259,360	227	.....	1	90,304	192,455	400,195
Wood pulp.....	7	439,000	212	8	.....	80,075	160,595	306,499
Woolen goods.....	93	3,876,028	1,716	1,109	270	1,644,669	4,294,042	6,886,073
All other industries.....	1,670	3,702,207	4,662	1,169	389	1,552,875	3,474,666	7,039,214

TABLE LII.—*Manufactures: 1880—Continued.*

A.—MARYLAND, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 6,787	Dollars. 58,742,384	No. 46,698	No. 21,700	No. 6,547	Dollars. 18,904,965	Dollars. 66,937,846	Dollars. 106,780,563
Allegany	173	2,811,630	1,463	3	165	467,156	1,717,239	2,651,616
Anne Arundel	38	80,400	87	5	29	22,283	105,494	171,699
Baltimore city	3,683	38,586,773	34,086	18,137	4,115	15,117,489	47,974,297	78,417,304
Baltimore	447	7,658,170	3,121	1,563	1,026	1,491,739	7,691,566	11,147,294
Calvert	14	24,500	23	.....	.....	3,765	19,320	20,800
Caroline	80	190,000	183	286	110	29,847	222,405	322,714
Carroll	269	765,436	569	41	40	132,050	954,717	1,457,935
Cecil	170	1,395,484	635	39	50	230,867	1,119,650	1,798,515
Charles	29	49,100	51	.....	.....	6,573	42,837	60,999
Dorchester	69	172,525	158	21	23	39,508	163,566	247,430
Frederick	444	1,828,927	1,704	332	385	315,992	1,995,590	2,806,998
Garrett	77	378,967	248	3	6	58,708	280,387	463,394
Harford	242	1,024,653	1,226	666	425	107,476	767,620	1,195,130
Howard	89	782,406	311	213	120	125,331	602,085	989,615
Kent	82	158,700	149	115	.....	35,743	131,579	249,235
Montgomery	104	400,950	147	14	5	33,360	239,133	323,017
Prince George's	57	415,638	367	117	51	96,124	285,091	463,394
Queen Anne	31	151,011	88	13	20	24,045	169,350	244,011
Saint Mary's	22	69,440	50	.....	.....	9,262	98,421	126,441
Somerset	60	85,450	131	.....	2	39,700	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	2,161,263
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 SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	No. 6,787	Dollars. 58,742,384	No. 46,698	No. 21,700	No. 6,547	Dollars. 18,904,965	Dollars. 66,937,846	Dollars. 106,780,563
Agricultural implements ..	36	395,400	378	.....	18	117,791	227,190	574,672
Bags, other than paper.....	2	185,000	26	110	10	33,053	770,000	850,000
Bells	2	480,000	355	.....	180	189,040	205,000	580,000
Boots and shoes	34	590,600	1,271	450	75	505,603	1,316,118	2,212,963
Boxes, wooden, packing.....	15	142,712	320	.....	44	147,302	302,273	533,150
Bread and other bakery products ..	341	804,022	662	80	62	275,750	1,507,877	2,276,227
Brick and tile	79	1,168,158	2,049	.....	202	478,189	243,284	933,938
Brooms and brushes	31	84,015	213	22	36	75,458	159,004	297,511
Carriages and wagons	81	355,599	550	.....	8	200,972	238,250	595,860
Clothing, men's	220	3,894,943	5,265	5,970	59	1,851,938	6,089,082	9,670,066
Clothing, women's	27	136,250	22	482	23	84,988	265,192	409,718
Coffee and spices, roasted and ground ..	13	124,750	46	23	.....	24,503	221,108	299,874
Confectionery	64	390,665	253	93	15	119,728	815,692	1,164,755
Cooperage	72	250,090	454	.....	7	104,122	384,800	657,424
Cotton goods	20	4,605,816	1,229	1,879	947	767,729	2,891,033	4,688,714
Drugs and chemicals	18	655,300	104	47	.....	80,394	531,485	881,125
Fertilizers	48	4,271,870	1,090	.....	13	354,192	3,813,758	5,770,198
Flouring- and grist-mill products ..	546	3,145,520	898	.....	.....	219,705	6,965,298	7,954,004
Foundry and machine-shop products ..	91	2,684,358	3,116	.....	34	1,509,997	2,163,112	4,454,317
Fruits and vegetables, canned and preserved ..	114	2,412,692	4,025	8,220	2,733	390,758	4,506,332	6,245,297

TABLE LII.—Manufactures: 1880—B.—MARYLAND—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Furniture.....	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
Glass.....	8	448,009	534	—	88	234,254	239,682	587,000
Grease and tallow.....	7	101,750	22	—	—	10,254	213,849	259,021
Iron and steel.....	23	4,962,125	2,053	—	107	905,090	2,888,574	4,470,050
Kaolin and ground earths.....	7	410,400	162	—	3	87,580	309,300	559,200
Lard, refined.....	2	240,600	42	—	—	20,000	1,445,000	1,544,000
Leather, curried.....	48	169,127	103	—	2	36,596	388,008	508,458
Leather, tanned.....	63	862,342	378	9	5	127,164	1,039,536	1,468,501
Liquors, distilled.....	16	715,500	153	1	—	65,840	858,654	1,202,833
Liquors, malt.....	53	2,145,500	421	—	—	200,291	1,001,766	1,820,303
Looking-glass and picture frames.....	31	113,550	271	70	25	98,658	160,492	402,423
Lumber, sawed.....	869	1,237,694	1,216	—	23	223,786	1,106,795	1,813,332
Malt.....	6	705,000	88	—	—	52,000	547,000	752,000
Marble and stone work.....	50	673,926	683	—	10	336,327	437,243	1,007,832
Musical instruments, pianos and materials.....	4	638,382	330	—	5	200,988	157,699	584,099
Oil, lard.....	1	75,000	18	—	—	10,000	500,000	550,000
Paints.....	11	417,200	113	—	7	47,751	245,185	412,638
Paper, not specified.....	25	473,048	298	121	49	119,876	738,140	1,028,591
Patent medicines and compounds.....	34	222,635	100	100	45	65,867	438,202	647,893
Printing and publishing.....	69	2,045,600	757	25	111	443,989	585,857	1,477,164
Saddlery and harness.....	154	374,075	553	2	84	243,513	459,635	1,004,851
Sash, doors, and blinds.....	17	460,125	146	—	38	222,295	411,993	813,005
Shipbuilding.....	160	1,699,535	1,174	—	—	657,789	884,299	1,788,636
Shirts.....	38	313,329	323	1,284	24	807,667	425,947	949,824
Slaughtering and meat-packing.....	9	805,060	228	—	—	100,000	3,163,802	3,377,005
Soap and candles.....	11	271,792	93	—	6	52,495	254,006	385,790
Stone- and earthen-ware.....	17	142,950	213	10	63	120,234	80,273	271,944
Straw goods.....	3	160,800	107	423	15	57,701	204,507	302,882
Sugar and molasses, refined.....	3	200,000	106	—	—	31,000	756,703	840,986
Tinware, copperware, and sheet-iron ware.....	226	1,179,267	1,363	124	302	609,113	2,332,687	2,564,994
Tobacco, chewing and smoking, and snuff.....	10	692,600	187	730	128	165,107	1,152,906	1,531,424
Tobacco, cigars, and cigarettes.....	369	623,097	1,184	118	104	499,606	711,680	1,730,604
Upholstering materials.....	3	1,151,500	478	102	142	307,500	527,000	912,850
Wirework.....	5	90,500	164	—	2	56,000	226,000	322,000
Woolen goods.....	14	333,700	171	100	42	59,491	349,724	488,308
All other industries.....	2,929	5,858,265	7,877	1,041	547	2,350,346	7,091,791	14,428,931

A.—MASSACHUSETTS, BY TOTALS OF COUNTIES.

The State.....	14,352	302,896,185	226,824	105,976	17,445	128,515,362	383,972,655	631,135,284
COUNTIES.								
Barnstable.....	139	1,520,754	740	473	19	292,470	866,650	1,506,151
Berkshire.....	513	13,582,504	6,322	3,521	1,151	3,732,714	11,744,047	19,876,467
Bristol.....	1,025	42,128,950	20,070	10,550	3,468	11,125,209	24,861,704	46,127,450
Dukes.....	8	20,250	50	—	—	23,106	66,914	97,830
Essex.....	1,971	41,718,149	38,250	19,565	2,034	21,854,758	64,822,177	103,159,480
Franklin.....	315	5,058,238	2,941	792	219	1,277,019	2,903,570	5,378,597
Hampden.....	872	27,163,153	14,231	8,947	1,682	8,255,079	23,981,415	40,654,368
Hampshire.....	323	7,283,818	4,365	3,057	720	2,419,401	6,603,887	11,766,416
Middlesex.....	2,069	53,116,628	38,317	19,198	3,020	21,706,749	81,611,183	128,031,810
Nantucket (a).....	—	—	—	—	—	—	—	—
Norfolk.....	644	11,076,404	11,419	4,002	484	6,134,067	17,348,192	28,575,530
Plymouth.....	676	8,560,141	11,237	2,201	260	5,755,093	14,885,665	23,771,677
Suffolk.....	3,826	49,277,624	41,655	18,606	1,284	23,634,027	64,441,703	134,567,620
Worcester.....	1,940	42,084,657	38,717	13,964	2,095	20,004,899	52,839,348	87,601,851

(a) Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—MASSACHUSETTS—Continued.

B.—MASSACHUSETTS, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
	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	634, 752	1, 670, 242
Bagging, flax, hemp, and jute	5	960, 000	483	300	253	246, 682	531, 521	963, 213
Baking and yeast powders.	7	281, 750	45	44	8	31, 980	234, 830	393, 070
Baskets, rattan and willow ware.	29	1, 148, 925	636	251	51	269, 404	405, 615	791, 687
Belt and hose, leather ..	16	293, 100	130	2	-----	69, 626	676, 863	833, 766
Blacking	22	91, 550	67	47	-----	43, 346	254, 905	419, 926
Bookbinding and blank-book making.	75	626, 278	581	762	23	524, 047	530, 481	1, 360, 577
Boot and shoe cut stock	163	1, 190, 600	1, 152	1, 322	187	700, 432	5, 861, 684	7, 397, 734
Boot and shoe findings	64	318, 600	338	393	33	234, 728	652, 865	1, 155, 923
Boots and shoes	982	21, 098, 133	46, 938	13, 374	1, 289	24, 875, 106	59, 066, 773	95, 900, 510
Boots and shoes, rubber ..	1	500, 000	400	451	11	296, 442	1, 044, 361	1, 707, 842
Boxes, fancy and paper	60	296, 175	220	901	27	302, 856	459, 575	987, 218
Boxes, wooden, packing	109	698, 780	909	33	31	367, 118	1, 068, 006	1, 768, 308
Brass and copper, rolled	4	1, 300, 000	520	-----	-----	261, 405	1, 310, 456	1, 756, 051
Brass castings	49	361, 300	404	2	16	191, 300	411, 853	756, 424
Bread and other bakery products.	292	1, 226, 840	1, 567	305	93	844, 050	3, 122, 104	4, 912, 769
Brick and tile	114	1, 068, 200	2, 370	9	22	655, 589	521, 875	1, 322, 628
Bridges	11	77, 500	235	-----	-----	100, 607	240, 757	424, 876
Brooms and brushes	58	545, 500	535	254	13	290, 854	821, 342	1, 451, 610
Buttons	28	590, 000	472	700	95	391, 074	411, 000	1, 088, 864
Carpets, other than rag	7	4, 637, 648	1, 596	2, 259	53	1, 223, 392	3, 050, 673	6, 337, 629
Carriages and wagons	215	2, 027, 250	2, 619	28	-----	1, 275, 983	1, 052, 237	4, 048, 141
Carriage and wagon materials.	31	413, 550	860	-----	-----	164, 895	432, 151	737, 626
Cars, railroad, street, and repairs.	12	852, 250	759	10	-----	332, 553	1, 024, 060	1, 480, 611
Chocolate	3	475, 000	71	69	-----	56, 055	655, 000	1, 045, 000
Clothing, men's	347	5, 172, 043	2, 740	8, 319	214	3, 832, 214	10, 846, 464	17, 962, 662
Clothing, women's	34	339, 100	233	1, 978	17	479, 195	1, 155, 652	2, 920, 038
Coffee and spices, roasted and ground.	21	363, 200	119	38	1	85, 639	1, 433, 071	1, 660, 229
Coffins, burial cases, and undertakers' goods.	30	369, 300	219	33	4	138, 081	260, 402	491, 435
Collars and cuffs, paper	8	525, 000	69	80	-----	64, 526	731, 542	889, 739
Combs	22	286, 190	451	70	25	205, 162	214, 414	358, 860
Confectionery	76	490, 175	443	345	7	288, 888	1, 520, 840	2, 281, 850
Copperage	86	338, 734	596	-----	11	231, 039	439, 137	734, 229
Coppersmithing	9	100, 200	145	-----	5	87, 956	122, 800	262, 100
Cordage and twine	29	1, 533, 450	893	136	60	314, 662	2, 195, 311	2, 935, 835
Corsets	11	158, 400	114	1, 211	161	358, 562	557, 100	1, 018, 025
Cotton goods	206	74, 118, 801	22, 609	32, 558	7, 736	16, 246, 938	37, 542, 679	74, 740, 835
Cutlery and edge tools	63	2, 028, 722	1, 686	92	179	808, 788	872, 878	2, 136, 654
Drugs and chemicals	38	1, 120, 350	334	24	5	185, 274	1, 035, 694	1, 076, 630
Dyeing and finishing textiles	28	8, 613, 500	3, 953	562	430	1, 815, 431	4, 568, 174	6, 482, 939
Dyestuffs and extracts	5	293, 000	178	-----	-----	95, 834	557, 221	812, 040
Electroplating	33	141, 350	135	6	3	61, 166	86, 590	233, 000
Envelopes	6	555, 000	151	735	10	235, 227	1, 508, 350	2, 070, 346
Fancy articles	21	190, 850	302	108	48	128, 363	140, 844	341, 393
Felt goods	11	820, 000	455	37	20	163, 440	1, 108, 339	1, 637, 320
Fertilizers	21	1, 738, 150	570	2	-----	225, 813	1, 384, 875	2, 164, 680
Fire-arms	12	3, 321, 455	1, 092	1	29	619, 816	242, 655	1, 168, 227
Flavoring extracts	14	101, 765	39	44	2	33, 116	231, 991	359, 400
Flouring and grist-mill products.	350	2, 880, 365	683	2	1	290, 070	7, 814, 583	8, 774, 498
Food preparations	13	115, 180	107	19	-----	27, 868	205, 399	283, 496
Foundry and machine-shop products.	549	16, 460, 535	16, 367	157	224	8, 131, 740	11, 126, 199	23, 925, 604
Fruits and vegetables, canned and preserved.	13	316, 400	131	245	49	98, 597	542, 000	763, 088
Furnishing goods, men's ...	22	96, 124	48	277	9	73, 826	306, 599	524, 165
Furniture	243	2, 464, 675	8, 846	98	43	1, 781, 354	2, 917, 469	6, 041, 618

TABLE LII.—Manufactures: 1880—B.—MASSACHUSETTS—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Furniture, chairs	62	1,948,000	2,104	244	45	1,023,687	1,761,779	3,280,837
Furs, dressed	15	65,147	49	73	2	37,516	409,177	508,250
Glass	11	823,000	828	58	60	383,342	329,864	854,945
Glue	19	325,400	242	4	2	99,112	280,016	447,112
Grease and tallow	14	456,500	155	—	2	80,355	537,030	736,668
Hardware	24	668,850	628	18	22	225,628	301,976	737,400
Hats and caps	87	199,500	684	207	17	236,752	401,237	901,686
Hosiery and knit goods	57	1,467,775	786	2,413	212	608,067	1,394,748	2,483,686
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
Iron bolts, nuts, washers, and rivets	9	266,000	245	9	29	123,704	300,150	533,932
Iron doors and shutters	1	60,000	100	—	—	50,000	200,000	390,000
Iron forgings	9	509,000	214	85	2	140,708	341,894	657,093
Iron nails and spikes, cut and wrought	36	2,326,055	942	419	224	637,287	1,970,352	3,126,276
Iron and steel	30	6,738,498	6,367	21	125	2,576,590	6,657,232	10,268,921
Jewelry	105	1,936,890	2,485	749	37	1,464,903	1,681,054	4,265,525
Labels and tags	6	290,560	76	69	—	52,690	341,725	455,325
Lard, refined	3	45,000	26	—	—	15,244	236,950	262,884
Lasts	26	230,490	217	—	1	104,377	110,483	826,903
Lead, bar, pipe, sheet, and shot	2	174,000	25	—	—	15,042	483,024	578,937
Leather, board	14	648,200	160	17	10	52,365	168,600	291,625
Leather, curried	194	4,308,169	4,209	10	32	1,939,122	10,547,978	23,282,775
Leather, dressed skins	27	513,050	589	11	12	280,800	1,359,920	1,931,617
Leather, tanned	133	2,712,130	2,408	—	32	1,003,973	11,320,288	13,550,721
Linen goods	2	330,000	153	108	48	91,940	341,694	614,451
Liquors, distilled	10	583,840	155	—	3	67,828	710,060	1,104,931
Liquors, malt	31	3,283,400	1,180	—	—	563,547	2,855,046	5,112,227
Lithographing	13	534,550	616	33	23	352,983	463,260	1,046,678
Looking-glass and picture frames	70	190,600	413	45	14	215,348	374,548	770,906
Lumber, planed	39	742,700	518	—	5	233,442	773,973	1,197,371
Lumber, sawed	600	2,480,340	1,946	—	39	431,612	1,904,105	3,120,134
Marble and stone work	199	1,278,483	2,049	1	1	835,244	1,001,482	2,504,182
Matches	3	91,000	57	57	1	40,000	247,500	313,600
Mattresses and spring beds	44	267,212	302	137	16	138,211	658,433	1,008,738
Millinery and lace goods	4	38,500	15	169	20	33,300	234,905	317,369
Mineral and soda waters	30	180,700	214	—	4	107,619	220,789	434,369
Mixed textiles	69	7,106,890	3,638	3,345	485	2,528,476	7,370,885	13,048,829
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	237,413
Oil, illuminating	3	90,000	11	—	—	6,500	390,000	315,900
Paints	18	696,100	265	8	2	105,805	733,393	987,960
Paper, not specified	96	1,722,046	3,523	3,563	62	2,467,359	9,213,221	15,184,168
Patent medicines and compounds	40	521,330	247	132	7	187,607	664,486	1,450,576
Perfumery and cosmetics	11	83,100	89	23	1	21,900	187,929	330,600
Plated and britannia ware	6	866,000	557	151	10	366,800	252,110	672,909
Printing and publishing	280	3,712,869	3,819	983	193	2,774,818	2,621,983	7,757,269
Roofing and roofing materials	69	213,925	317	—	—	147,981	363,529	657,294
Rubber and elastic goods	22	1,811,000	881	897	63	649,016	2,722,916	4,266,405
Saddlery and harness	294	529,625	966	43	10	372,914	750,912	1,497,600
Safes, doors, and vaults, fire-proof	8	52,000	170	—	—	63,806	186,000	310,600
Sash, doors, and blinds	50	740,345	777	4	20	353,951	816,398	1,389,828
Screws	9	163,000	202	7	14	72,587	123,452	253,690
Sewing-machines and attachments	12	1,052,200	976	18	17	445,377	634,229	1,360,696
Shipbuilding	276	1,765,450	1,328	—	—	804,571	1,173,040	2,281,668
Shirts	20	150,050	66	428	9	111,519	326,554	564,560
Shoddy	30	460,500	334	105	32	173,423	1,808,715	2,805,985
Silk and silk goods	22	1,306,900	353	1,285	188	521,725	1,990,515	3,764,260
Slaughtering and meat-packing	77	2,904,440	1,258	—	5	653,149	20,657,330	22,951,782

TABLE LII.—*Manufactures*: 1880—B.—MASSACHUSETTS—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youth.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Soap and candles	119	2,005,325	655	29	30	306,539	3,492,604	4,489,555
Soda-water apparatus.....	2	95,000	189	5	6	73,355	279,638	487,306
Spectacles and eyeglasses..	13	96,209	237	18	16	124,675	147,778	330,359
Sporting goods	13	303,000	41	245	25	69,125	268,552	308,890
Stamped ware	2	185,000	262	78	6	141,000	193,000	378,000
Steam fittings and heating apparatus.	18	1,068,000	717	-----	17	369,558	536,984	1,196,544
Straw goods	33	2,361,960	2,531	5,185	93	1,068,232	4,117,162	6,898,628
Sugar and molasses refined.	5	1,979,500	525	-----	-----	288,869	21,482,704	22,880,439
Telegraph and telephone apparatus.	2	112,000	185	-----	15	90,600	239,625	409,939
Tinware, copperware, and sheet-iron ware.	375	1,323,253	1,559	84	10	731,647	1,426,832	2,901,123
Tobacco, cigars, and cigarettes.	271	675,111	1,000	408	27	595,355	1,111,135	2,074,219
Tools	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
Upholstering	83	172,857	271	57	3	153,757	324,807	611,068
Varnish	7	85,500	24	-----	-----	14,230	230,350	306,500
Watch cases	5	65,000	103	16	3	58,142	274,480	427,371
Watches	5	1,880,500	1,029	575	-----	912,845	730,081	1,915,913
Whips	47	680,410	333	153	8	328,734	381,293	962,892
Window blinds and shades.	19	171,750	161	45	12	68,650	209,377	335,032
Wire	8	1,742,000	2,442	22	12	961,400	2,987,900	4,539,399
Wirework	26	328,375	299	130	19	172,028	452,544	761,881
Wooden ware	26	342,550	385	13	39	156,541	269,937	524,680
Wood, turned and carved ..	118	666,300	969	21	37	413,256	637,795	1,350,618
Wool hats	6	430,325	578	214	101	313,935	829,109	1,438,041
Woolen goods	167	24,680,782	13,146	8,210	2,265	7,457,115	27,820,583	48,099,203
Worsteds goods	23	6,195,247	1,813	3,340	630	1,870,030	6,465,476	10,466,016
All other industries	4,739	11,737,541	21,859	1,911	271	10,029,287	17,044,650	35,257,961

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	150,715,025
COUNTIES.								
Alcona	6	146,000	97	-----	5	31,325	152,193	224,792
Allegan	222	1,007,960	754	26	46	255,314	1,609,305	3,328,811
Alpena	41	812,950	679	9	42	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	589,895
Bay	161	5,059,644	3,081	22	193	1,113,393	5,683,431	8,100,163
Benzie	23	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	459,685	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	60,300	49	1	-----	10,705	48,593	73,618
Chesboygan	15	807,000	170	-----	-----	40,122	396,855	579,532
Chippewa	4	314,500	134	3	5	34,600	84,950	141,995
Clare	8	25,277	90	-----	-----	32,820	89,072	170,150
Clinton	120	390,310	451	9	13	144,306	563,220	1,009,277
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	167	431,240	569	3	20	142,964	463,581	831,041
Emmet	19	215,300	125	2	9	89,437	134,219	218,430
Genesee	191	1,456,906	923	55	32	223,823	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	600,502
Gratiot	66	289,925	353	7	4	106,505	312,722	535,567

TABLE LII.—Manufactures: 1880—A.—MICHIGAN—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 18 years. No.	Females above 15 years. No.	Children and youths. No.			
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	854,588
Huron.....	89	572,800	774	—	27	188,352	520,019	899,159
Ingham.....	249	957,210	1,135	11	46	328,034	1,177,374	1,967,820
Ionia.....	148	805,350	844	18	15	228,244	987,919	1,544,286
Iosco.....	37	1,265,900	729	—	63	246,920	1,395,095	2,197,530
Isabella.....	39	291,540	142	8	—	31,205	144,317	233,206
Isle Royale (a).....	—	—	—	—	—	—	—	—
Jackson.....	273	1,987,057	1,404	265	17	592,845	2,173,186	3,620,731
Kalamazoo.....	219	1,658,176	1,242	172	66	481,455	1,548,982	2,703,375
Kalkaska.....	11	26,100	51	—	—	19,300	78,805	149,463
Kent.....	542	6,132,904	5,758	358	459	2,257,035	5,294,673	9,578,779
Keweenaw.....	3	15,300	20	—	3	4,625	8,525	16,400
Lake.....	24	129,200	229	5	—	69,338	135,132	276,003
Lapeer.....	165	997,702	931	44	11	286,300	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	394,239	1,603,886	2,636,743
Livingston.....	89	291,700	248	1	12	62,681	272,072	546,907
Mackinac.....	3	495,600	123	2	—	33,750	72,667	193,574
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	2,987,601
Manitou.....	6	6,150	28	—	—	3,750	8,741	8,960
Marquette.....	76	1,272,423	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
Meecosta.....	47	580,700	420	—	1	149,803	516,480	876,214
Menominee.....	19	1,556,900	592	13	58	240,567	1,461,510	2,233,543
Midland.....	30	186,700	212	—	16	66,469	248,880	434,332
Missaukee.....	5	12,500	26	—	—	2,250	6,200	14,905
Monroe.....	130	593,710	575	11	56	149,511	527,284	868,793
Montcalm.....	253	1,905,400	2,548	34	19	915,988	3,280,979	5,440,109
Muskegon.....	181	5,755,360	2,963	27	221	1,080,810	5,408,600	9,027,241
Newaygo.....	65	892,800	620	4	16	232,221	1,106,814	1,704,122
Oakland.....	332	829,302	680	235	117	209,128	1,248,878	1,916,152
Oceana.....	52	641,200	543	3	4	189,961	383,294	696,886
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	300	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	409,090	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	70,000
Saginaw.....	428	5,155,235	4,036	95	398	1,478,131	5,965,209	9,312,465
Saint Clair.....	209	1,229,615	950	18	64	323,563	1,463,573	2,104,942
Saint Joseph.....	222	1,049,171	894	21	6	222,652	1,171,019	1,611,438
Sanilac.....	78	193,575	285	3	6	69,900	335,808	555,966
Schoolcraft.....	3	671,000	40	—	—	15,000	75,890	154,000
Shiawassee.....	140	552,368	583	6	8	172,051	627,516	1,037,854
Tuscola.....	128	320,737	380	9	13	90,873	471,945	722,165
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	458,641	2,026,095	3,018,568
Wayne.....	1,088	18,791,561	14,508	2,540	1,487	7,178,196	19,984,231	33,469,759
Wexford.....	36	743,550	403	—	4	149,175	681,069	1,137,042

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—MICHIGAN—Continued.

B.—MICHIGAN, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries	No. 8, 873	Dollars. 22, 930, 959	No. 68, 445	No. 4, 784	No. 4, 562	Dollars. 25, 313, 682	Dollars. 92, 900, 269	Dollars. 150, 715, 025
Agricultural implements ..	143	2, 488, 287	1, 958	3	42	650, 192	1, 337, 945	3, 102, 638
Boots and shoes	10	543, 500	656	67	26	349, 172	736, 184	1, 216, 255
Boxes, wooden, packing	23	221, 880	454	43	60	141, 259	301, 532	544, 045
Bread and other bakery products.	113	433, 325	491	27	46	223, 095	1, 005, 907	1, 540, 465
Brick and tile	179	710, 259	1, 730	45	153	346, 845	236, 878	822, 475
Bridges	1	300, 000	194	—	90	75, 000	269, 050	357, 023
Brooms and brushes	34	141, 050	162	67	162	88, 265	163, 699	305, 177
Carriages and wagons	263	1, 739, 991	1, 939	2	53	769, 814	1, 272, 623	2, 741, 143
Cars, railroad, street, and repairs.	3	756, 893	778	—	16	405, 418	906, 211	1, 466, 256
Charcoal	50	153, 425	632	2	2	195, 207	123, 457	417, 264
Cheese and butter	74	129, 925	18	23	3	21, 103	218, 479	317, 377
Clothing, men's	136	1, 497, 625	653	1, 004	4	631, 163	1, 851, 037	3, 029, 478
Confectionery	21	308, 475	187	94	16	103, 261	624, 750	802, 273
Cooperage	265	553, 669	1, 250	—	56	404, 186	827, 671	1, 584, 469
Corsets	7	88, 550	—	322	16	39, 610	204, 700	391, 300
Drugs and chemicals	38	213, 159	192	21	16	66, 609	115, 761	447, 611
Flouring- and grist-mill products.	706	7, 504, 464	2, 254	—	1	726, 280	20, 668, 615	23, 546, 875
Foundry and machine-shop products.	220	5, 558, 197	3, 623	—	118	1, 558, 560	2, 469, 754	5, 271, 142
Furniture	195	2, 442, 286	3, 015	31	208	1, 141, 050	1, 541, 559	3, 514, 176
Furniture, chairs	16	371, 650	393	51	118	100, 731	143, 692	279, 792
Hats and caps	10	305, 359	196	143	8	76, 419	152, 875	303, 250
Hosiery and knit goods	11	147, 389	20	766	176	52, 321	226, 637	377, 249
Iron and steel	22	4, 173, 356	3, 054	—	35	922, 597	3, 279, 420	4, 591, 613
Iron bolts, nuts, washers, and rivets.	1	100, 000	53	—	40	38, 030	188, 988	288, 947
Leather, carried	44	256, 311	113	3	—	51, 950	812, 065	996, 332
Leather, tanned	66	1, 631, 469	453	3	—	221, 228	1, 450, 559	2, 629, 653
Liquors, malt	113	2, 212, 348	633	6	4	285, 726	1, 225, 886	2, 184, 392
Looking-glass and picture frames.	36	519, 850	315	89	63	155, 042	262, 655	569, 737
Lumber, planed	54	578, 506	513	—	35	202, 011	629, 630	1, 076, 049
Lumber, sawed	1, 649	39, 260, 428	22, 732	143	1, 360	6, 967, 905	32, 251, 372	52, 449, 928
Marble and stone work	86	232, 553	423	1	11	206, 809	274, 446	674, 780
Paper, not specified	21	1, 033, 338	428	132	23	214, 812	730, 614	1, 204, 664
Printing and publishing	114	1, 374, 325	1, 151	111	167	623, 175	503, 899	1, 576, 523
Saddlery and harness	335	569, 336	630	2	12	234, 461	602, 314	1, 276, 616
Salt	86	2, 147, 200	1, 416	—	52	541, 852	1, 000, 733	2, 271, 913
Sash, doors, and blinds	126	1, 624, 257	1, 474	—	97	536, 004	1, 278, 996	2, 440, 402
Shipbuilding	72	476, 775	1, 537	—	—	745, 933	1, 089, 985	2, 034, 636
Slaughtering and meat-packing.	12	573, 000	162	—	10	89, 527	1, 712, 479	2, 065, 634
Tinware, copperware, and sheet-iron ware.	291	470, 020	652	1	32	290, 004	515, 677	1, 114, 874
Tobacco, chewing, smoking, and snuff.	6	545, 000	258	175	139	126, 725	964, 554	1, 519, 146
Tobacco, cigars, and cigarettes.	162	694, 362	1, 238	156	156	541, 727	968, 410	2, 146, 089
Varnish	3	504, 000	62	—	6	43, 100	304, 500	452, 000
Wooden ware	21	839, 573	958	45	135	329, 633	398, 250	869, 993
Wooden goods	39	553, 200	203	114	30	78, 240	356, 614	481, 517
All other industries	3, 057	6, 808, 652	9, 082	1, 681	599	3, 575, 068	6, 590, 166	14, 031, 754

TABLE LII.—*Manufactures*: 1880—Continued.

A.—MINNESOTA, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State	No. 3,493	Dollars. 31,004,811	No. 13,937	No. 1,636	No. 674	Dollars. 8,613,094	Dollars. 55,660,681	Dollars. 76,063,198
Aitkin (a)	32	612,400	323	3	4	99,616	1,353,531	1,740,331
Anoka	11	124,800	35	—	—	18,530	159,600	202,374
Beltrami (a)	5	63,200	15	—	—	7,700	13,100	22,500
Benton	6	4,650	2	—	—	375	2,475	6,900
Big Stone	122	774,235	465	4	19	168,015	819,918	1,182,679
Blue Earth	27	182,065	106	1	3	41,995	380,293	453,486
Brown	5	143,000	113	—	—	42,509	169,200	271,590
Carlton	52	215,475	239	—	39	60,482	260,275	409,787
Cass	1	115,000	40	—	—	15,000	75,000	108,300
Chippewa	7	34,850	9	—	—	1,945	35,716	45,223
Chicago	36	137,050	71	—	1	25,431	161,648	237,946
Clay	13	88,175	64	—	—	24,738	138,768	215,668
Cook (a)	18	50,000	38	—	—	9,493	82,536	113,204
Cottonwood	11	39,950	49	—	—	14,310	48,505	97,080
Crow Wing	65	467,725	282	1	2	94,143	766,771	982,199
Dakota	20	91,600	42	—	—	10,686	135,480	168,472
Dodge	35	63,675	73	1	—	20,295	138,282	202,122
Douglas	49	152,475	119	1	1	45,632	403,141	522,891
Faribault	124	777,875	311	4	1	123,229	1,139,091	1,380,489
Fillmore	25	55,200	54	1	3	18,345	130,796	174,292
Freeborn	141	1,105,260	767	13	16	286,082	1,890,051	2,448,277
Goodhue	4	24,600	9	—	—	2,835	28,490	41,047
Grant	442	9,853,166	5,119	457	186	2,732,799	25,431,152	31,601,970
Hennepin	56	209,400	85	7	—	24,809	656,824	807,852
Houston	7	16,900	18	—	—	3,245	37,250	52,940
Itasca (a)	10	33,300	14	—	—	2,374	35,500	45,529
Jackson	2	4,000	3	—	—	551	2,130	3,532
Kanabec	11	54,550	27	—	—	6,775	76,150	94,712
Kandiyohi	3	2,500	7	—	—	520	2,020	3,875
Kittson	8	11,500	15	—	—	2,642	7,725	14,004
Lac qui parle (a)	62	167,100	131	—	2	34,549	362,075	491,617
Lake	34	52,200	55	—	—	15,345	108,640	153,824
Le Sueur	58	109,159	71	—	—	24,717	137,940	215,821
Lincoln (a)	51	109,159	71	—	—	24,717	137,940	215,821
Lyon	38	52,200	55	—	—	15,345	108,640	153,824
McLeod	54	109,159	71	—	—	24,717	137,940	215,821
Marshall (a)	2	11,000	3	—	—	450	21,522	24,141
Martin	36	194,725	76	—	4	29,433	325,429	403,413
Meeker	7	27,450	30	—	—	9,240	68,180	89,334
Mille Lacs	25	89,270	44	2	3	12,794	85,168	134,408
Morrison	30	170,200	73	1	3	26,938	232,651	324,812
Mower	5	13,050	6	—	—	1,600	30,050	36,080
Murray	77	147,315	124	—	3	39,739	246,075	365,639
Nicollet	2	24,500	11	—	—	3,050	32,722	37,400
Nobles	97	475,031	333	7	3	112,669	548,477	790,973
Olmsted	41	302,562	121	1	4	41,388	355,205	483,268
Otter Tail	8	56,700	78	—	—	18,900	88,450	144,250
Pine	12	66,300	51	—	—	15,947	117,400	153,008
Pipe Stone (a)	12	21,000	16	—	—	2,770	39,400	50,162
Polk	597	4,392,391	4,094	1,092	258	2,329,920	5,826,867	10,853,863
Pope	597	4,392,391	4,094	1,092	258	2,329,920	5,826,867	10,853,863
Ramsey	597	4,392,391	4,094	1,092	258	2,329,920	5,826,867	10,853,863

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—A.—MINNESOTA—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Redwood	23	30,325	18	—	—	6,400	37,266	78,157
Renville	6	51,400	28	1	—	7,000	180,380	218,447
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	938,411	1,255,274
Sherburne	13	95,800	46	—	12	15,972	129,833	203,709
Sibley	12	63,400	43	—	—	13,622	160,294	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	704,985
Stevens	14	44,000	20	—	—	9,500	50,000	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	1,423,686
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	789,202	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	373,772	496,313
Yellow Medicine	5	59,000	11	—	—	4,550	110,830	169,270

B.—MINNESOTA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.	3,493	31,004,811	13,937	1,636	674	8,613,034	53,660,681	76,065,198
All industries	3,493	31,004,811	13,937	1,636	674	8,613,034	53,660,681	76,065,198
Agricultural implements ..	32	2,315,222	1,106	1	—	507,085	975,890	2,340,288
Boots and shoes	5	463,000	357	24	21	207,218	571,644	930,192
Bread and other bakery products ..	40	133,450	122	17	7	58,345	342,260	494,755
Brick and tile	87	281,705	928	5	77	200,208	114,610	592,975
Carriages and wagons	51	423,800	475	—	—	218,190	306,620	723,017
Clothing, men's	115	467,873	539	536	14	496,361	910,137	1,662,855
Cooperage	72	301,659	680	—	41	322,559	529,299	1,007,643
Flouring- and grist-mill products ..	436	10,519,862	2,634	—	—	1,371,646	37,155,429	41,519,004
Foundry and machine-shop products ..	61	927,550	846	—	1	422,940	800,340	1,606,518
Furnishing goods, men's ..	2	150,000	74	436	10	138,350	318,090	499,250
Furniture	74	408,855	437	2	7	190,684	247,553	587,800
Fur, dressed	10	130,300	33	66	2	41,370	180,250	373,800
House-furnishing goods	5	108,000	44	25	1	35,740	321,467	510,270
Liquors, malt	101	1,589,900	416	8	11	150,052	647,345	1,158,122
Lumber, planed	18	300,500	283	—	—	121,392	398,450	657,377
Lumber, sawed	234	6,771,145	2,732	22	100	924,478	4,529,055	7,366,038
Oil, linseed	2	210,000	60	—	—	30,000	277,000	352,000
Printing and publishing ..	78	817,845	539	33	107	409,104	351,941	1,043,664
Saddlery and harness	194	325,889	403	—	3	169,839	459,185	859,955
Sash, doors, and blinds	29	562,000	592	1	42	265,806	734,125	1,344,618
Slaughtering and meat-packing ..	12	230,000	92	—	4	41,700	716,153	887,532
Tinware, copperware, and sheet-iron ware ..	145	201,131	312	—	5	157,836	334,814	665,999
Tobacco, cigars, and cigar-ettes ..	54	142,362	221	2	42	142,368	211,250	562,234
Woolen goods	13	100,500	106	73	50	46,108	155,867	253,378
All other industries	1,617	3,182,270	4,754	383	128	2,022,730	4,011,875	8,155,914

TABLE LII.—Manufactures: 1880—Continued.

A.—MISSISSIPPI, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 1,479	Dollars. 4,727,600	No. 4,887	No. 413	No. 527	Dollars. 1,192,045	Dollars. 4,607,183	Dollars. 7,518,302
Adams.....	52	427,325	517	54	49	100,868	274,801	504,705
Alcorn.....	65	66,910	130	.....	9	28,410	99,056	167,441
Amite.....	44	40,700	50	.....	1	5,473	41,373	50,786
Attala.....	55	70,440	131	.....	.....	17,573	90,718	131,614
Benton.....	19	24,250	46	.....	8	5,103	34,204	51,980
Bolivar.....	20	24,475	51	.....	.....	5,728	24,402	43,950
Calhoun.....	20	33,249	33	.....	.....	4,507	47,055	60,880
Carroll.....	21	38,309	46	19	11	14,840	23,533	44,638
Chickasaw.....	19	35,150	42	.....	.....	6,317	86,640	103,512
Choctaw.....	29	23,150	53	.....	.....	5,946	47,800	65,440
Claiborne.....	1	3,000	5	.....	.....	509	2,000	3,000
Clarke.....	20	120,240	81	47	27	23,071	120,551	173,526
Clay.....	24	34,806	59	.....	.....	16,559	67,375	91,033
Coahoma.....	3	33,700	56	.....	4	16,500	46,700	70,600
Copiah.....	50	1,006,510	252	232	175	134,850	403,204	787,844
Covington.....	12	15,000	18	.....	.....	3,177	21,444	29,263
De Soto.....	32	30,930	52	.....	.....	5,093	28,320	47,096
Franklin.....	8	5,979	10	2	.....	1,154	3,964	7,350
Greene.....	2	4,880	11	.....	1	1,265	12,008	16,320
Grenada.....	23	27,800	44	.....	1	7,107	22,528	38,718
Hancock.....	10	93,000	60	.....	14	21,585	68,346	98,550
Harrison.....	14	78,430	57	.....	8	20,200	123,910	200,530
Hinds.....	14	218,000	206	.....	14	48,278	94,461	106,450
Holmes.....	24	31,100	45	.....	14	6,310	36,761	53,438
Issaquena.....	1	1,000	3	.....	.....	150	1,400	2,750
Itawamba.....	9	15,850	12	.....	.....	2,268	20,048	27,694
Jackson.....	14	116,000	96	4	3	40,215	258,722	363,760
Jasper.....	12	13,500	22	.....	.....	1,200	16,541	20,955
Jefferson.....	16	18,150	45	.....	1	6,150	8,775	23,675
Jones.....	4	2,200	6	.....	.....	433	7,202	9,305
Kemper.....	20	23,600	20	.....	.....	4,500	54,000	72,180
La Fayette.....	30	48,900	41	.....	.....	5,795	69,078	86,063
Lauderdale.....	43	186,600	344	13	11	59,662	300,658	431,461
Lawrence.....	14	17,200	15	.....	.....	1,340	19,359	25,270
Leake.....	16	15,500	19	.....	.....	1,950	38,200	44,960
Lee.....	37	30,925	57	.....	5	4,844	54,080	71,283
Le Flore.....	3	8,700	11	.....	.....	750	5,925	8,700
Lincoln.....	25	140,600	132	.....	.....	22,910	122,870	200,015
Lowndes.....	36	162,300	198	2	.....	36,019	177,423	224,536
Madison.....	13	37,250	25	.....	.....	4,482	21,389	39,747
Marion (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Marshall.....	34	130,975	139	.....	13	42,528	108,657	204,305
Monroe.....	53	84,270	100	4	0	21,635	121,160	184,580
Montgomery.....	18	21,380	55	.....	10	9,610	20,170	51,508
Neshoba.....	15	21,000	23	.....	.....	2,801	37,004	44,613
Newton.....	21	31,075	59	.....	5	5,810	42,262	63,450
Noxubee.....	30	99,775	113	6	18	17,144	139,706	199,142
Oktibbeha.....	15	88,000	116	1	8	25,062	43,010	81,929
Panola.....	31	49,500	70	.....	3	12,405	51,520	83,517
Perry.....	5	5,150	6	.....	.....	295	4,225	5,540
Pike.....	20	33,200	58	.....	8	13,345	83,498	124,489
Pontotoc.....	13	23,260	32	.....	2	2,728	30,904	39,885
Prentiss.....	24	17,275	36	.....	.....	7,062	53,715	68,005
Quitman (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Rankin.....	27	19,000	52	.....	4	3,781	30,907	44,669

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—MISSISSIPPI—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Scott	7	9,400	14			2,264	6,780	11,497
Sharkoy (a).....								
Simpson	4	8,600	11		2	1,425	13,850	19,800
Smith	17	15,860	22			1,911	20,583	25,400
Sumner	9	15,100	22			2,222	6,580	11,625
Sunflower (a)								
Tallahatchie	15	23,075	35			2,360	18,765	25,774
Tate	19	34,450	70		11	16,597	39,061	71,363
Tippah	32	28,010	52		1	5,191	46,156	70,936
Tishomingo	20	51,150	51	13	8	9,962	60,999	85,074
Tunica	1	4,000	3			300	1,150	2,850
Union	18	41,100	49		1	3,375	44,996	56,741
Warren	59	196,475	315		17	185,068	203,261	598,274
Washington	9	143,200	122	3	62	40,600	102,340	183,563
Wayne	24	39,750	102	6		28,110	186,805	206,583
Wilkinson	8	4,225	6			1,522	3,250	9,150
Winston	10	11,900	21			1,808	23,221	23,024
Yalobusha	15	22,250	44			10,602	22,400	51,443
Yazoo	26	77,140	129	2	6	29,481	73,003	122,237

a Returned as having no manufactures.

B.—MISSISSIPPI, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	1,479	4,727,600	4,887	413	527	1,193,645	4,667,183	7,518,302
Cotton goods	9	1,150,640	183	324	215	136,304	345,649	691,415
Flouring- and grist-mill products	525	889,950	248			96,423	1,535,602	1,762,523
Lumber, sawed	295	922,595	1,123		47	197,867	1,219,116	1,920,335
Oil, cottonseed and cake	8	450,000	440	3	66	94,860	371,080	560,363
Woolen goods	8	331,590	111	61	46	53,100	211,648	299,605
All other industries	634	1,002,915	2,182	25	153	614,091	984,090	2,284,061

A.—MISSOURI, BY TOTALS OF COUNTIES.

The State	8,592	72,507,844	54,200	5,474	4,321	24,309,716	110,798,392	165,388,205
COUNTIES.								
Adair	47	77,685	131		17	31,974	157,000	237,100
Andrew	64	137,755	158		3	25,360	312,397	401,409
Atchison	27	53,050	56	1		11,145	88,434	121,275
Audrain	22	100,600	86	4	9	26,070	215,645	282,155
Barry	18	39,510	23			2,936	57,427	69,593
Barton	21	30,950	52	1		14,395	89,038	126,424
Bates	69	90,940	148	3	6	33,587	259,814	373,961
Benton	33	49,975	40			7,230	112,135	146,248
Bollinger	33	83,845	116			23,471	129,546	182,815
Boone	72	237,281	238			59,831	563,418	721,112
Buchanan	233	1,812,450	2,687	100	170	1,111,692	6,433,896	8,794,473
Butler	14	44,100	106		1	24,159	145,040	208,024
Caldwell	49	95,975	102			22,783	172,124	242,106
Callaway	64	120,500	119	2	17	27,900	219,013	313,684
Camden	9	18,350	14			1,420	24,893	29,475

TABLE LII.—Manufactures: 1880—A.—MISSOURI—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Cape Girardeau.....	168	518,412	416	3	27	113,356	866,161	1,163,174
Carroll.....	43	123,480	103	1	1	26,353	210,433	285,023
Carter.....	3	23,000	40	.....	.....	8,500	31,250	63,500
Cass.....	26	154,210	120	8	4	35,755	353,326	464,958
Cedar.....	20	28,200	44	.....	.....	5,642	32,010	47,567
Chariton.....	51	111,400	121	1	5	24,803	130,985	210,713
Christian.....	16	18,659	23	.....	4	3,205	33,215	46,644
Clark.....	11	23,900	15	.....	5	3,855	22,875	39,900
Clay.....	49	129,125	142	11	5	32,513	282,171	378,915
Clinton.....	72	98,625	164	2	4	45,439	157,767	287,878
Cole.....	72	435,147	1,034	31	3	223,935	1,260,138	1,721,384
Cooper.....	75	233,865	275	2	41	75,382	410,930	624,788
Crawford.....	19	419,200	698	.....	26	56,550	335,957	530,712
Dade.....	22	34,500	29	.....	.....	4,921	70,864	91,311
Dallas.....	8	16,300	12	.....	.....	2,625	77,558	90,624
Davies.....	73	114,832	154	1	4	37,140	265,686	403,053
De Kalb.....	28	27,700	49	.....	.....	9,371	48,683	78,797
Dent.....	22	133,622	47	.....	.....	9,905	39,396	67,140
Douglas.....	29	48,000	48	.....	.....	8,733	49,249	81,304
Dunklin.....	15	33,600	46	.....	.....	6,658	36,361	50,992
Franklin.....	103	490,575	227	.....	19	63,471	672,719	846,999
Gasconade.....	59	164,475	116	.....	1	18,372	215,918	235,090
Gentry.....	91	91,060	135	.....	10	27,885	181,435	275,021
Greene.....	80	311,270	243	48	45	102,984	346,718	571,555
Grundy.....	47	99,425	96	4	4	24,742	175,728	252,472
Harrison.....	51	90,365	104	.....	.....	24,492	112,157	182,233
Henry.....	82	190,680	219	9	17	82,030	296,601	484,192
Hickory.....	22	17,375	28	.....	.....	3,941	40,313	63,811
Holt.....	35	109,415	110	2	5	24,316	192,311	250,493
Howard.....	44	96,350	100	.....	3	25,980	165,730	234,431
Howell.....	14	19,575	24	.....	2	3,948	39,998	54,190
Iron.....	40	1,568,659	75	.....	4	22,290	135,930	201,544
Jackson.....	292	2,401,805	2,337	238	218	1,482,614	4,166,643	6,963,505
Jasper.....	118	460,430	429	19	15	161,162	756,162	1,081,371
Jefferson.....	68	1,444,500	557	41	15	209,390	443,036	782,078
Johnson.....	70	225,360	148	5	1	46,186	554,570	684,944
Knorr.....	51	87,995	61	7	3	11,678	79,606	137,137
Laclede.....	18	53,950	53	6	1	13,116	81,573	111,207
La Fayette.....	62	251,850	207	.....	10	61,110	339,800	496,195
Lawrence.....	46	130,410	77	.....	1	18,843	88,550	143,354
Lewis.....	83	131,500	190	.....	11	37,825	253,006	360,125
Lincoln.....	35	70,350	73	.....	.....	14,410	87,809	142,287
Linn.....	128	121,560	180	4	12	35,391	237,330	380,204
Livingston.....	89	214,925	263	13	28	85,185	420,152	637,609
McDonald.....	13	30,200	28	.....	.....	3,613	41,769	55,409
Macon.....	96	144,140	247	.....	1	70,004	220,244	373,392
Madison.....	34	54,500	82	.....	2	15,255	92,332	135,305
Marion.....	8	14,200	12	.....	4	1,835	9,925	14,870
Marion.....	157	940,625	820	1	58	287,414	1,905,550	2,697,403
Mercer.....	63	76,170	109	2	1	26,039	103,595	174,880
Miller.....	14	22,300	19	.....	.....	4,897	43,163	56,864
Mississippi.....	30	49,630	100	.....	5	16,024	108,800	168,540
Moniteau.....	35	78,675	87	3	7	18,613	46,738	91,236
Monroe.....	73	141,175	177	3	.....	37,730	193,468	290,685
Montgomery.....	65	146,740	135	10	24	26,860	231,320	313,363
Morgan.....	32	81,640	52	6	.....	9,946	118,364	146,961
New Madrid.....	18	39,870	52	.....	1	10,676	51,925	80,362
Newton.....	55	108,765	193	.....	5	59,633	218,795	351,042
Nodaway.....	82	197,185	207	6	13	59,569	308,651	483,982
Oregon.....	7	15,400	14	.....	.....	1,895	16,550	23,071

TABLE LII.—Manufactures: 1880—A.—MISSOURI—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Osage.....	48	47,300	67	.....	.....	15,184	67,285	112,235
Ozark.....	5	6,800	9	.....	.....	1,000	16,861	21,038
Pemiscot.....	8	10,275	26	.....	1	3,631	21,250	31,725
Perry.....	57	197,220	133	.....	1	41,640	411,906	521,823
Pettis.....	57	163,275	200	4	7	71,047	235,187	448,591
Phelps.....	32	703,975	81	4	.....	27,136	247,883	322,893
Pike.....	137	451,300	421	62	108	164,685	761,999	1,138,179
Platte.....	40	153,050	144	.....	1	35,130	319,211	398,833
Polk.....	32	47,385	87	.....	6	12,555	162,127	201,557
Pulaski.....	17	33,800	38	.....	.....	6,529	81,200	104,276
Putnam.....	32	63,110	108	.....	.....	26,056	71,537	144,399
Ralls.....	28	36,650	46	2	4	9,298	73,955	108,026
Randolph.....	67	131,700	164	.....	6	36,751	295,345	425,159
Ray.....	60	144,965	116	.....	2	25,949	168,563	250,680
Reynolds.....	17	32,750	70	.....	.....	13,875	80,713	123,725
Ripley.....	9	8,100	16	.....	.....	2,965	14,940	26,003
Saint Charles.....	28	615,555	565	32	158	183,492	1,352,819	1,685,653
Saint Clair.....	20	30,800	26	.....	2	4,959	40,700	57,395
Saint Francis.....	42	350,300	114	.....	.....	36,472	216,607	303,459
Sainte Genevieve.....	46	151,630	122	.....	5	43,546	483,083	608,386
Saint Louis.....	47	112,175	101	.....	1	32,458	452,907	567,722
Saint Louis city.....	2,924	50,832,885	33,980	4,781	3,084	17,743,512	75,379,867	114,333,375
Saline.....	72	174,305	161	.....	.....	27,145	281,772	398,411
Scuyler.....	47	100,350	119	8	6	27,908	94,175	168,638
Scotland.....	36	74,775	92	.....	4	27,505	139,516	216,486
Scott.....	34	122,950	120	.....	5	25,823	162,290	248,476
Shannon.....	6	8,350	15	.....	.....	2,169	16,884	24,161
Shelby.....	69	64,455	111	1	1	27,514	111,319	185,397
Stoddard.....	25	69,500	116	.....	.....	21,276	134,036	189,927
Stone.....	9	20,100	20	.....	.....	2,775	53,575	65,435
Sullivan.....	46	139,050	102	2	3	20,141	173,775	242,041
Taney.....	10	13,000	18	.....	.....	1,453	28,465	33,068
Texas.....	16	31,800	55	.....	.....	7,868	60,845	82,513
Vernon.....	35	76,650	118	.....	4	32,862	213,158	290,200
Warren.....	52	84,475	97	.....	2	17,526	185,130	249,524
Washington.....	41	205,590	73	.....	.....	18,863	132,637	182,423
Wayne.....	38	124,525	173	.....	.....	49,239	315,871	460,747
Webster.....	25	50,600	53	1	9	18,500	100,759	140,033
Worth.....	29	44,220	58	.....	3	8,075	50,250	85,304
Wright.....	7	8,850	12	.....	.....	1,521	16,255	29,816

B.—MISSOURI, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	8,592	72,507,844	54,200	5,474	4,321	24,309,716	110,798,392	165,380,205
Agricultural implements.....	74	645,772	713	.....	13	276,536	599,015	1,141,822
Awnings and tents.....	11	123,400	50	167	5	57,200	259,835	403,740
Bagging, flax, hemp, and jute.....	3	370,000	149	161	76	150,216	545,900	867,395
Bags, other than paper.....	3	575,000	90	110	8	62,000	1,466,000	1,730,000
Baking and yeast powders.....	12	176,900	74	28	18	56,914	288,400	468,500
Bookbinding and blank-book making.....	15	145,500	159	58	9	87,800	114,100	282,087
Boots and shoes.....	26	642,800	864	225	193	447,663	1,224,796	1,982,993
Boxes, wooden packing.....	16	66,100	128	.....	5	58,428	141,730	251,400
Brass castings.....	14	180,100	140	.....	8	70,087	395,275	570,450
Bread and other bakery products.....	227	864,520	773	90	73	405,004	2,159,908	3,250,192
Brick and tile.....	230	989,415	2,271	8	458	705,975	388,864	1,602,522
Brooms and brushes.....	48	113,200	199	3	112	102,159	178,515	350,165

TABLE LII.—*Manufactures: 1880—B.—MISSOURI—Continued.*

Mechanical and manufacturing industries.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Carriage and wagon materials.	5	138,000	217	.....	3	97,708	139,690	280,600
Carriages and wagons	119	1,054,050	1,557	8	68	699,892	1,183,478	2,483,738
Cars, railroad, street, and repairs.	8	424,200	926	.....	50	411,591	1,405,400	1,931,609
Clothing, men's	170	1,450,254	1,368	1,681	19	832,726	2,104,907	3,822,477
Clothing, women's	15	173,111	75	514	30	141,174	316,142	586,899
Coffee and spices, roasted and ground.	7	240,000	95	2	4	44,090	410,500	598,000
Confectionery	46	219,260	234	190	25	174,574	835,540	1,247,235
Cooperage	183	609,260	1,227	.....	97	510,654	1,017,017	1,904,822
Cotton goods	4	890,500	123	207	182	99,080	377,131	524,580
Drugs and chemicals	21	722,450	236	64	32	130,475	680,545	1,220,211
Fertilizers	2	168,009	61	.....	2	30,720	210,000	350,000
Flouring- and grist-mill products.	872	7,633,976	3,375	.....	1	1,200,493	28,202,782	32,438,831
Foundry and machine-shop products.	97	4,027,163	8,902	.....	42	2,093,224	3,147,187	6,798,832
Furniture	157	1,178,682	1,387	11	76	642,476	1,219,165	2,380,562
Furniture, chairs	12	532,063	324	1	118	146,247	179,167	449,812
Glass	6	1,430,000	709	30	220	381,098	351,871	919,827
Gold and silver, reduced and refined.	1	850,000	125	.....	.....	67,747	4,088,925	4,158,606
Iron and steel	22	9,152,472	2,989	.....	150	734,575	3,249,558	4,600,530
Iron bolts, nuts, washers, and rivets.	4	235,000	123	.....	14	60,493	301,937	403,560
Lamps and reflectors	7	291,600	139	.....	20	74,139	376,540	519,300
Lead, bar, pipe, sheet, and shot.	2	205,000	26	.....	.....	13,000	460,000	548,000
Leather, curried	15	72,500	66	.....	.....	22,804	276,034	336,623
Leather, tanned	26	137,850	107	3	8	42,817	321,805	435,072
Liquors, distilled	20	230,100	54	.....	5	35,238	854,973	527,530
Liquors, malt	64	4,042,700	1,384	.....	108	699,616	2,852,236	5,048,077
Looking-glass and picture frames.	22	827,400	135	1	22	83,551	107,825	282,682
Lumber, planed	26	409,350	546	2	41	245,963	774,442	1,267,636
Lumber, sawed	881	2,867,970	3,408	.....	95	669,644	3,215,202	5,265,617
Marble and stone work	115	376,800	697	.....	21	330,011	354,958	1,003,544
Mineral and soda waters	27	152,000	128	5	28	57,076	102,390	274,100
Oil, castor	2	185,000	56	.....	.....	25,404	158,000	312,000
Oil, lard	3	96,000	25	.....	.....	13,550	505,750	539,000
Paints	16	1,808,350	563	10	4	270,532	2,186,480	2,825,860
Patent medicines and compounds.	27	1,402,700	207	90	15	139,996	502,735	1,197,090
Printing and publishing	131	2,949,660	2,380	250	161	1,538,564	1,515,048	4,452,962
Pumps	11	530,600	112	.....	2	66,680	703,670	932,650
Refrigerators	4	43,700	106	.....	15	54,950	203,300	344,500
Saddlery and harness	355	1,898,723	1,954	12	87	793,526	2,345,485	3,976,175
Sash, doors, and blinds	15	690,795	677	.....	43	279,911	696,671	1,232,670
Saws	2	245,000	80	.....	.....	56,000	130,000	291,000
Shipbuilding	14	247,900	293	.....	.....	196,005	313,392	565,187
Shirts	20	130,700	56	357	1	110,136	146,700	832,852
Slaughtering and meat-packing.	65	2,327,500	1,743	.....	103	657,918	12,352,907	14,628,630
Soap and candles	19	766,927	278	2	2	104,061	1,236,378	1,704,941
Stamped ware	1	800,000	403	87	.....	170,000	550,000	850,000
Sugar and molasses, refined.	1	800,000	250	.....	2	112,270	4,173,100	4,475,740
Tinware, copperware, and sheet-iron ware.	297	656,860	772	18	62	338,597	864,643	1,687,326
Tobacco, chewing, smoking, and snuff.	43	1,440,200	1,008	231	515	403,559	4,243,614	5,286,332
Tobacco, cigars, and cigarettes.	284	443,562	836	15	136	424,363	612,393	1,524,381
Trunks and valises	17	123,600	178	.....	12	87,205	225,575	363,600
Vinegar	20	307,150	145	21	17	86,420	344,500	675,400
Watch cases	1	4,000	15	.....	.....	12,000	200,000	300,000
Wire	3	378,600	494	.....	51	229,480	651,000	973,000
Wirework	8	153,700	134	4	38	60,590	112,620	371,000
Wooden ware	3	187,100	211	.....	53	85,300	227,100	326,600
Woolen goods	98	720,150	412	144	133	109,877	681,711	950,961
All other industries	3,408	7,578,250	9,392	358	416	4,463,111	8,479,546	18,575,606

TABLE LII.—*Manufactures*: 1880—Continued.

A.—MONTANA TERRITORY, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The Territory	No. 196	Dollars. 899,390	No. 574	No. 3	No. 1	Dollars. 318,759	Dollars. 1,006,442	Dollars. 1,835,867
Beaver Head	11	15,400	9	.....	.....	4,801	11,296	25,604
Choteau	9	18,700	41	.....	.....	27,233	24,196	61,902
Custer	3	3,500	6	.....	.....	2,160	2,600	7,289
Dawson (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Deer Lodge	49	254,025	158	.....	1	97,431	235,816	489,731
Gallatin	22	129,900	68	.....	.....	28,454	195,320	296,530
Jefferson	7	58,000	31	.....	.....	13,529	152,770	247,765
Lewis and Clarke	28	236,600	135	.....	1	86,091	134,158	289,585
Madison	34	78,675	71	.....	1	39,580	150,655	250,476
Meagher	9	18,540	23	.....	.....	6,045	24,475	42,960
Missoula	24	86,050	82	.....	.....	12,865	75,156	115,025

B.—MONTANA TERRITORY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	196	899,390	574	3	1	318,759	1,006,442	1,835,867
Flouring and grist-mill products	15	159,500	52	.....	.....	25,765	357,365	475,467
Lumber, sawed	36	208,200	142	.....	.....	47,945	278,098	527,695
All other industries	145	531,090	380	3	1	245,049	370,979	832,705

A.—NEBRASKA, BY TOTALS OF COUNTIES.

The State	1,493	4,881,150	4,464	120	209	1,742,311	8,208,478	12,627,336
COUNTIES.								
Adams	30	63,500	111	.....	.....	33,797	85,967	170,564
Antelope	15	39,190	23	.....	.....	8,516	65,125	88,865
Blackbird	1	1,090	3	.....	.....	700	2,600	4,200
Boone	11	20,390	14	.....	.....	4,220	41,350	55,250
Buffalo	18	60,900	49	.....	.....	16,540	124,550	168,625
Burt	37	45,550	71	.....	.....	18,590	73,843	127,334
Butler	26	50,000	49	.....	1	13,015	60,365	102,114
Cass	46	110,600	154	.....	3	61,579	240,577	393,888
Cedar	7	4,490	7	.....	.....	1,320	3,130	6,615
Chase (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Cheyenne	1	200	1	.....	.....	500	200	975
Clay	30	55,445	113	.....	1	27,796	78,142	137,605
Colfax	17	80,125	47	.....	2	19,767	161,226	251,721
Cuming	33	179,890	106	.....	8	27,059	66,893	124,841
Custer (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Dakota	15	33,100	40	.....	.....	8,850	59,725	85,834
Dawson (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Dixon	10	12,890	18	.....	.....	2,215	4,075	13,700
Dodge	26	97,650	76	.....	3	29,030	121,855	193,839
Douglas	197	1,978,575	1,563	66	102	757,156	2,910,529	4,754,672

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—A.—NEBRASKA—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Dundy (a)								
Fillmore	20	30,130	37			13,055	130,772	173,828
Franklin	11	33,030	21		1	5,287	109,404	134,813
Frontier (a)								
Furnas	25	31,450	50			12,934	55,405	82,209
Gage	31	89,200	61	3		19,612	143,048	205,238
Gosper (a)								
Greeley	2	3,125	2			800	5,700	7,540
Hall	69	90,050	129	4		65,851	218,364	309,127
Hamilton	7	9,900	18		1	5,420	8,767	19,624
Harlan	22	27,900	67	2		13,080	78,671	109,840
Hayes (a)								
Hitchcock	5	2,100	2			250	1,675	5,760
Holt	1	6,000	1			250	2,350	3,200
Howard	14	21,750	36		4	9,000	62,933	85,037
Jefferson	14	55,100	23			7,219	75,902	102,746
Johnson	14	40,300	42			10,165	139,314	170,435
Kearney (a)								
Keith (a)								
Knox	9	29,400	18		3	5,344	41,688	58,453
Lancaster	107	253,125	303	17	2	202,040	673,716	1,112,079
Lincoln	29	74,200	69	2	1	20,217	65,114	120,020
Madison	31	78,025	46	1		18,463	294,678	285,925
Merrick	15	51,700	20	1	2	5,781	46,352	64,362
Nance (a)								
Nemaha	43	53,360	94			24,555	133,850	204,546
Nuckolls	4	34,500	16			5,679	70,219	92,500
Otoe	74	169,610	188	2	7	67,603	424,675	611,319
Pawnee	23	82,950	43			11,330	48,705	79,987
Phelps (a)								
Pierce (a)								
Platte	23	36,350	63		1	22,553	57,248	113,756
Polk	19	25,350	48		1	10,050	67,042	95,943
Red Willow (a)								
Richardson	85	133,025	147			37,234	218,128	320,531
Saline	26	88,200	91	6	4	23,270	143,191	207,396
Sarpy	14	62,425	25			7,075	101,941	124,261
Saunders	32	86,573	60		3	16,768	170,300	221,403
Seward	30	115,600	65	1	1	18,615	175,014	242,232
Sherman	2	450	6		1	250	250	1,100
Sioux (a)								
Stanton	1	350	5			225	190	560
Thayer	12	37,100	17			6,899	137,417	161,078
Valley (a)								
Washington	30	111,275	50		1	18,759	96,740	147,190
Wayne	2	1,200	2			550	400	2,100
Webster	24	88,750	56	3	1	13,895	93,530	139,100
Wheeler (a)								
York	17	44,550	29			13,715	68,550	98,114
Unorganized territory (a) ..								

a Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—NEBRASKA—Continued.*

B.—NEBRASKA, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No. 1,493	Dollars. 4,881,150	No. 4,464	No. 120	No. 209	Dollars. 1,742,311	Dollars. 8,253,478	Dollars. 12,627,336
Brick and tile.....	87	130,740	585	3	74	150,189	192,678	349,478
Flouring- and grist-mill products.	170	1,615,070	506	.....	.....	165,085	3,532,942	4,193,030
Lumber, sawed.....	38	63,375	130	.....	4	29,313	161,878	295,662
Paints.....	1	100,000	40	.....	.....	17,000	200,000	350,000
Printing and publishing...	22	191,250	217	31	53	167,438	137,800	419,461
Saddlery and harness.....	114	214,230	215	2	1	83,039	276,474	477,364
Slaughtering and meat-packing.	12	330,700	189	.....	2	64,717	1,097,839	1,359,397
Tinware, copperware, and sheet-iron ware.	71	132,675	151	.....	2	64,228	135,050	320,680
Liquors, malt.....	23	427,200	143	.....	.....	56,663	210,109	393,870
All other industries.....	855	1,645,916	2,282	84	73	944,639	2,291,248	4,495,938

A.—NEVADA, BY TOTALS OF COUNTIES.

The State.....	184	1,323,300	556	5	16	461,807	1,049,794	2,179,626
COUNTIES.								
Churchill.....	1	28,000	10	.....	.....	3,000	2,800	15,000
Douglas.....	10	121,775	31	.....	.....	10,865	144,377	220,607
Elko.....	12	41,400	17	.....	.....	5,517	47,115	66,735
Esmeralda.....	16	132,500	45	.....	.....	32,670	80,068	328,231
Eureka.....	14	75,100	50	.....	.....	41,207	73,315	135,970
Humboldt.....	5	91,000	19	.....	.....	8,584	114,728	131,110
Lander.....	4	23,200	4	.....	.....	604	3,909	6,650
Lincoln.....	13	27,250	17	.....	.....	5,482	21,769	40,096
Lyons.....	2	26,000	7	.....	.....	10,025	22,569	43,855
Nye.....	7	11,100	15	8	.....	3,695	3,077	14,319
Ormsby.....	1	5,000	7	.....	.....	2,075	9,950	18,069
Roop.....	2	12,300	5	2	.....	1,800	3,000	8,580
Storey.....	52	576,675	284	1	14	276,956	251,390	736,053
Washoe.....	29	132,800	87	.....	.....	57,119	248,000	375,028
White Pine.....	16	19,200	8	1	.....	2,005	20,750	38,450

B.—NEVADA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	184	1,323,300	556	5	16	461,807	1,049,794	2,179,626
Flouring- and grist-mill products.	7	163,000	31	.....	.....	9,975	369,117	405,030
Foundry and machine-shop products.	5	237,225	109	.....	.....	129,369	100,922	320,955
All other industries.....	172	923,075	416	5	19	322,523	570,755	1,453,582

TABLE LIH.—*Manufactures: 1880—Continued.*

A.—NEW HAMPSHIRE, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 3, 181	Dollars. 51, 112, 263	No. 29, 356	No. 16, 184	No. 3, 291	Dollars. 14, 814, 793	Dollars. 43, 552, 462	Dollars. 73, 978, 028
Belknap	112	1, 400, 750	1, 309	995	194	653, 559	1, 600, 245	2, 963, 892
Carroll	148	860, 475	833	129	23	265, 826	1, 210, 367	1, 811, 313
Cheshire	317	3, 758, 815	3, 438	836	282	1, 299, 427	4, 502, 839	7, 768, 943
Cook	194	2, 107, 259	1, 218	17	27	336, 010	1, 397, 962	2, 490, 556
Grafton	465	2, 155, 956	1, 912	542	64	633, 869	2, 595, 146	4, 117, 719
Hillsborough	517	20, 814, 729	8, 247	7, 577	960	5, 130, 178	12, 780, 849	23, 671, 998
Merrimack	449	6, 080, 215	3, 380	1, 477	628	1, 875, 042	4, 974, 274	8, 742, 590
Rockingham	612	4, 369, 858	3, 328	1, 127	217	1, 593, 271	4, 013, 622	7, 634, 989
Strafford	186	8, 134, 515	4, 648	2, 965	894	2, 730, 542	8, 029, 025	13, 639, 753
Sullivan	181	1, 420, 700	843	522	116	386, 969	1, 499, 283	2, 336, 694

B.—NEW HAMPSHIRE, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	3, 181	51, 112, 263	29, 356	16, 184	3, 291	14, 814, 793	43, 552, 462	73, 978, 028
Belting and hose, leather ..	5	286, 094	127	.....	6	60, 974	433, 185	606, 944
Boots and shoes.....	59	1, 606, 290	3, 390	983	59	1, 792, 832	4, 751, 968	7, 230, 894
Bread and other bakery products.	26	49, 935	76	9	.....	36, 692	150, 086	294, 108
Brick and tile.....	67	120, 845	642	.....	.....	118, 408	60, 251	282, 725
Carriages and wagons	30	618, 857	436	2	.....	196, 337	253, 275	559, 932
Clothing, men's.....	61	183, 750	125	456	.....	132, 081	494, 681	751, 389
Cotton goods.....	41	19, 993, 584	5, 138	9, 631	1, 749	4, 322, 622	10, 329, 184	18, 226, 873
Cutlery and edge tools	12	255, 600	257	6	6	100, 492	108, 364	270, 444
Dyeing and finishing textiles.	4	2, 987, 085	637	111	106	372, 873	735, 353	1, 568, 100
Flouring- and grist-mill products.	181	712, 555	233	.....	.....	78, 284	2, 259, 718	2, 542, 784
Foundry and machine-shop products.	71	1, 260, 635	1, 416	21	52	567, 825	1, 010, 495	2, 024, 656
Furniture	36	333, 235	573	3	33	202, 064	314, 650	741, 238
Gloves and mittens	25	187, 300	171	390	1	92, 574	302, 142	478, 825
Hosiery and knit goods	24	1, 224, 000	549	1, 098	115	536, 117	1, 249, 600	2, 362, 779
Iron and steel	2	630, 000	289	.....	1	127, 600	523, 355	807, 340
Leather, curried	37	351, 850	260	17	.....	111, 769	1, 824, 797	2, 161, 734
Leather, tanned	53	603, 450	445	18	.....	199, 146	1, 732, 564	2, 315, 016
Liquors, malt.....	5	845, 000	394	.....	.....	138, 719	791, 523	1, 265, 477
Lumber, sawed	680	3, 745, 799	3, 056	.....	48	548, 556	2, 272, 991	3, 842, 012
Marble and stone work	55	153, 331	351	1	.....	157, 837	91, 119	374, 603
Mixed textiles	20	1, 321, 400	633	581	284	494, 945	1, 456, 647	2, 703, 281
Paper, not specified	25	1, 197, 000	497	202	3	249, 612	1, 131, 425	1, 731, 170
Printing and publishing	29	270, 050	151	42	5	88, 088	91, 076	264, 750
Saddlery and harness	82	203, 350	202	5	1	83, 786	211, 267	381, 551
Sash, doors, and blinds	28	203, 700	366	.....	7	141, 530	257, 402	444, 119
Stationery goods	4	204, 800	62	18	3	37, 050	266, 897	355, 015
Tinware, copperware, and sheet-iron ware.	80	220, 050	251	4	.....	198, 873	225, 924	463, 937
Wood pulp.....	7	298, 600	338	.....	11	138, 350	256, 900	759, 853
Wooden ware.....	49	322, 950	421	2	26	132, 260	206, 163	431, 290
Wood, turned and carved	36	255, 625	484	2	125	167, 055	129, 464	468, 943
Woolen goods.....	58	4, 510, 271	2, 288	1, 361	378	1, 181, 728	4, 993, 709	8, 113, 839
Worsted goods	2	2, 628, 584	505	919	107	512, 881	1, 582, 226	2, 694, 232
All other industries.....	1, 278	3, 156, 787	4, 652	390	165	1, 581, 685	2, 983, 861	6, 477, 905

TABLE LII.—Manufactures: 1880—Continued.

A.—NEW JERSEY, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
	7,128	106,226,593	86,787	27,099	12,152	46,083,045	165,285,779	254,380,236
Atlantic.....	66	538,600	268	119	41	113,802	419,669	664,569
Bergen.....	186	2,026,303	1,811	376	265	757,490	2,186,434	3,553,579
Burlington.....	333	3,601,120	2,047	765	272	829,882	2,930,077	4,471,952
Camden.....	373	7,728,510	4,693	1,552	499	2,398,668	6,340,659	11,009,206
Cape May.....	36	60,250	105	.....	.....	31,478	89,655	164,411
Cumberland.....	302	3,319,155	3,054	1,494	717	1,409,901	2,730,908	5,111,023
Essex.....	1,568	28,817,405	26,509	6,142	2,985	15,335,849	47,724,275	76,772,350
Gloucester.....	165	1,907,286	1,329	69	208	590,123	1,045,803	2,357,652
Hudson.....	892	15,366,125	10,432	3,748	1,203	6,038,947	52,996,058	66,337,124
Hunterdon.....	374	1,873,625	1,113	198	49	418,215	2,040,428	3,104,070
Mercer.....	589	7,952,795	7,528	1,197	1,241	3,469,054	8,626,127	14,617,850
Middlesex.....	278	4,943,270	4,045	2,517	541	1,979,250	5,391,913	9,587,632
Monmouth.....	277	980,558	842	182	64	267,029	1,250,801	1,896,395
Morris.....	243	2,223,092	1,511	221	36	502,830	1,878,737	3,075,191
Ocean.....	72	225,010	214	21	10	55,139	220,755	359,041
Passaic.....	413	14,378,492	12,091	6,906	3,294	7,705,223	16,535,229	29,833,832
Salem.....	178	993,866	1,126	339	45	372,247	1,210,197	1,897,130
Somerset.....	141	732,975	882	339	2	414,570	1,740,436	2,539,524
Sussex.....	185	1,521,829	706	65	24	271,852	1,457,629	2,239,124
Union.....	309	3,813,665	4,547	789	550	2,425,742	4,930,878	10,099,789
Warren.....	247	3,892,155	1,940	54	106	696,300	3,524,111	4,808,602

B.—NEW JERSEY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	7,128	106,226,593	86,787	27,099	12,152	46,083,045	165,285,779	254,380,236
Bagging, flax, hemp, and jute.....	3	380,000	261	272	139	195,007	335,560	574,835
Boots and shoes.....	89	964,245	2,392	809	117	1,278,269	2,837,861	4,689,286
Boots and shoes, rubber.....	3	600,000	546	438	15	275,997	1,419,849	2,366,465
Boxes, fancy and paper.....	16	155,200	104	422	69	147,754	184,660	477,600
Boxes, wooden packing.....	15	282,300	135	15	22	73,324	214,577	376,990
Brass and copper, rolled.....	3	366,000	91	.....	45	49,600	223,000	304,500
Brass castings.....	21	351,350	500	4	10	261,309	222,249	641,598
Bread and other bakery products.....	339	797,709	752	45	95	384,798	1,818,174	2,798,311
Brick and tile.....	107	1,731,800	2,575	26	148	665,482	559,037	1,072,533
Bridges.....	2	185,709	175	.....	.....	52,484	298,448	415,291
Buttons.....	23	211,609	544	261	171	331,136	297,500	797,205
Carriage and wagon materials.....	26	341,775	202	.....	2	139,219	192,086	498,306
Carrriages and wagons.....	129	1,624,740	1,208	15	23	585,752	755,429	1,808,593
Celluloid and celluloid goods.....	5	1,209,000	452	174	169	242,408	388,262	1,251,540
Clothing, men's.....	186	1,086,709	1,191	1,974	74	938,216	2,870,279	4,737,525
Coal tar.....	1	275,000	63	.....	.....	30,000	190,000	300,000
Coffees and spices, roasted and ground.....	7	116,000	33	3	.....	19,079	240,060	319,888
Confectionery.....	57	195,550	223	41	35	112,252	592,942	883,325
Cooperage.....	27	130,300	328	.....	13	125,788	405,421	697,374
Cordage and twine.....	5	381,400	114	67	42	71,745	630,943	756,521
Corsets.....	9	194,100	53	340	74	115,698	213,880	371,638
Cotton goods.....	24	3,961,145	1,262	2,869	765	1,309,997	2,284,819	5,039,519
Crucibles.....	2	950,000	575	.....	.....	211,000	482,000	800,000

TABLE LII.—Manufactures: 1880—B.—NEW JERSEY—Continued.

TABLE LII.—Manufactures: 1880—B.—(NEW YORK)									
Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
			Males above 16 years.	Females above 15 years.	Children and youths.				
No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.		
Cutlery and edge tools.....	30	345,311	501	3	90	306,275	261,038	723,640	
Drugs and chemicals.....	41	3,830,750	1,215	27	30	598,743	3,528,204	4,993,965	
Dyeing and finishing textiles.	18	1,473,000	1,788	249	161	925,612	1,642,933	3,365,769	
Fancy articles.....	16	191,500	342	44	172	294,619	172,533	569,800	
Felt goods.....	6	313,000	250	21	15	86,170	516,195	685,386	
Fertilizers.....	21	1,045,500	782	49	21	338,045	1,853,700	2,423,805	
Flouring and grist-mill products.	481	3,879,083	924		2	235,626	7,303,244	8,459,944	
Foundry and machine-shop products.	188	7,431,421	7,746	102	357	3,432,453	6,138,852	11,382,748	
Fruit jar trimmings.....	1	150,000	229	93	25	104,501	318,708	485,503	
Fruits and vegetables, canned and preserved.	32	767,800	612	1,208	225	212,678	965,637	1,417,986	
Furniture.....	77	340,250	323	3	20	140,834	193,660	450,798	
Glass.....	27	2,728,021	2,762	46	770	1,300,038	1,088,346	2,810,170	
Gold and silver, reduced and refined.	4	60,000	20		1	9,350	363,386	424,500	
Hardware.....	35	597,450	392	33	51	217,690	540,793	965,988	
Hardware, saddlery.....	37	870,200	856	139	150	441,972	779,958	1,098,555	
Hats and caps.....	79	1,343,000	4,094	1,271	202	2,113,581	2,103,082	6,152,447	
High explosives.....	1	21,000	35			17,821	179,312	274,000	
Hosiery and knit goods.....	8	864,570	320	604	146	239,761	258,043	861,181	
Iron and steel.....	40	9,039,050	4,711		81	1,808,448	6,556,283	10,341,896	
Iron bolts, nuts, washers, and rivets.	4	160,050	196		13	85,203	334,853	452,802	
Iron forgings.....	9	391,941	349	33	33	150,190	524,352	775,514	
Jewelry.....	68	2,555,899	1,781	264	189	1,114,946	1,967,054	4,079,077	
Labels and tags.....	1	90,000	70		50	70,000	100,000	300,000	
Leather, carried.....	56	1,983,746	1,283	27	78	762,697	7,090,270	8,727,128	
Leather, tanned.....	55	1,810,050	1,227	4	69	416,599	5,262,747	6,748,004	
Liquors, malt.....	49	3,260,800	1,121		37	493,741	2,564,748	4,532,793	
Looking-glass and picture frames.	19	160,130	245	39	87	104,196	243,650	304,000	
Lumber, planed.....	11	162,000	136		27	58,739	152,230	254,285	
Lumber, sawed.....	284	1,657,395	769		8	179,603	989,979	1,627,640	
Marble and stone work.....	85	411,820	503	14	41	298,683	286,512	811,996	
Mixed textiles.....	10	1,577,870	521	906	343	526,770	829,038	1,906,680	
Musical instruments, organs and materials.	5	354,022	409	2		160,900	215,168	467,000	
Oil, castor.....	1	250,000	30		30	15,000	200,000	300,000	
Oilcloth, enameled.....	2	190,000	130		30	71,627	663,200	722,000	
Oilcloth, floor.....	8	625,000	384		10	180,122	878,169	1,173,253	
Paints.....	13	761,000	164		14	71,204	428,165	598,838	
Paper, not specified.....	32	1,830,500	670	139	33	272,936	1,286,182	2,015,563	
Paperhangings.....	3	270,000	161	13	10	56,698	270,688	454,469	
Patent medicines and compounds.	12	308,500	113	50	5	62,076	133,550	639,123	
Printing and publishing.....	93	865,475	856	82	120	477,224	418,758	1,224,519	
Rubber and elastic goods.....	15	934,000	715	282	94	347,624	1,597,796	2,231,202	
Rubber, vulcanized.....	3	226,200	335	150	10	154,700	891,200	707,200	
Saddlery and harness.....	194	709,878	854	69	29	354,896	875,211	1,579,404	
Sash, doors, and blinds.....	67	806,925	763	31	28	322,674	622,071	1,150,115	
Saws.....	3	235,000	197	6	58	120,643	114,462	279,909	
Sewing machines and attachments.	8	1,152,755	2,836	75	400	1,513,947	1,484,902	4,640,852	
Shipbuilding.....	93	943,070	930			548,807	649,194	1,384,629	
Shirts.....	24	516,300	439	2,180	204	682,080	1,196,329	2,111,069	
Silk and silk goods.....	106	6,952,325	4,696	5,340	2,493	4,177,745	9,678,536	17,122,230	
Slaughtering and meat-packing.	31	1,775,200	572		10	374,278	19,349,435	20,719,640	
Smelting and refining.....	2	151,500	300		2	150,000	8,137,500	8,370,100	
Soap and candles.....	15	1,197,700	246	8	176	187,833	1,116,321	1,743,280	
Stone and earthen-ware.....	49	2,037,200	2,054	458	663	1,101,511	1,030,598	2,598,757	
Straw goods.....	3	54,800	33	192		30,159	145,800	251,900	
Sugar and molasses, refined.	4	2,110,000	603		5	476,216	20,794,961	22,841,258	
Thread, linen.....	1	506,000	200	730		239,000	750,000	1,200,000	
Tinware, copperware, and sheet-iron ware.	183	653,310	808	38	88	361,274	796,999	1,404,655	
Tobacco, chewing, smoking, and snuff.	6	1,293,000	990	1,994	181	623,350	3,492,949	5,063,949	

TABLE LII.—*Manufactures: 1880—B.—NEW JERSEY—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Tobacco, cigars, and cigarettes.	283	479,595	761	71	70	332,276	800,706	1,503,810
Trunks and valises	15	901,800	1,318	160	250	650,822	1,349,855	2,453,923
Varnish	17	430,000	84	.....	3	56,630	551,007	840,774
Watch cases	2	153,000	326	17	77	137,342	517,225	659,817
Wire	3	260,000	430	6	100	273,350	718,000	1,093,500
Wirework	6	248,800	185	32	8	87,649	172,880	208,000
Woolen goods	27	2,530,125	1,827	997	539	996,384	3,162,955	4,984,007
All other industries	2,922	8,091,587	11,037	1,106	1,056	4,982,679	8,583,641	17,959,254

A.—NEW MEXICO TERRITORY, BY TOTALS OF COUNTIES.

The Territory	144	463,275	553	.....	4	218,731	871,352	1,284,846
COUNTIES.								
Bernalillo	3	32,500	26	.....	.....	3,000	17,000	23,520
Colfax	8	8,500	26	.....	.....	6,194	9,100	22,330
Doña Ana	7	45,300	21	.....	.....	7,887	56,575	80,811
Grant	7	10,175	24	.....	.....	5,318	16,230	26,630
Lincoln	6	10,950	10	.....	.....	1,088	6,183	10,720
Mora	9	60,700	18	.....	.....	4,000	56,000	66,086
Rio Arriba	5	23,000	36	.....	.....	5,345	40,525	52,874
San Miguel	43	128,750	251	.....	.....	133,629	321,330	529,071
Santa Fé	21	61,450	70	.....	3	35,695	125,897	204,490
Socorro	12	21,700	21	.....	.....	3,800	69,000	81,110
Taos	15	20,250	23	.....	1	4,210	98,210	114,704
Valencia	8	34,000	21	.....	.....	8,475	54,700	72,500

B.—NEW MEXICO TERRITORY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	144	463,275	553	.....	4	218,731	871,352	1,284,846
Flouring- and grist-mill products.	51	240,250	134	.....	.....	35,416	435,450	520,171
All other industries	93	214,025	419	.....	4	183,315	435,902	755,675

A.—NEW YORK, BY TOTALS OF COUNTIES.

The State	42,739	514,246,575	364,549	137,455	29,520	138,634,029	679,612,545	1,080,696,596
COUNTIES.								
Albany	1,212	27,873,440	15,230	6,325	2,446	7,866,733	20,009,969	36,258,031
Allegany	400	1,586,096	1,197	62	39	333,068	2,169,402	3,190,385
Broome	403	3,978,824	2,834	696	127	1,289,588	4,894,316	7,536,613
Cattaraugus	533	2,883,309	2,073	76	51	591,507	3,984,591	5,584,808
Cayuga	485	5,554,537	4,242	848	204	1,861,785	5,288,658	9,560,397
Chautauqua	594	4,461,760	3,132	417	242	1,285,166	4,294,537	8,616,654
Chemung	421	3,605,096	2,941	349	124	1,156,479	4,238,245	6,332,717
Chemango	445	1,118,820	1,106	130	37	291,179	1,172,718	2,173,603
Clinton	287	3,246,255	2,403	162	97	724,573	2,820,625	4,149,706
Columbia	385	8,078,890	2,655	1,157	488	1,299,850	4,378,222	7,772,623

TABLE LII.—*Manufactures: 1880—A.—NEW YORK—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Cortland	260	1,501,766	1,152	315	55	406,558	2,379,548	3,425,138
Delaware	444	1,190,757	1,035	28	11	233,655	1,223,838	1,919,406
Duchess	460	9,572,594	5,077	1,900	876	2,607,642	7,577,223	12,204,168
Erie	1,831	29,200,731	16,637	2,132	1,443	7,985,093	30,723,295	47,522,471
Essex	188	3,955,050	1,526	76	29	470,130	1,846,630	3,008,617
Franklin	276	1,475,415	1,158	106	27	338,414	1,855,789	2,519,205
Fulton	464	3,621,258	2,701	3,423	145	1,509,564	4,320,097	7,152,019
Genesee	309	932,500	847	102	39	241,375	907,423	1,534,676
Greene	250	1,670,375	1,306	405	483	467,844	1,399,973	2,306,418
Hamilton	19	179,410	144	.....	.....	33,800	907,742	476,994
Herkimer	454	4,355,088	2,620	678	246	1,337,953	3,749,409	6,676,355
Jefferson	696	3,927,230	2,645	382	86	912,813	4,156,353	6,553,014
Kings	5,281	62,719,399	37,878	7,299	3,621	2,867,176	130,108,417	179,188,685
Lewis	338	1,797,365	1,397	55	20	340,696	2,185,867	3,193,655
Livingston	314	1,128,080	953	9	7	222,548	1,037,229	1,625,325
Madison	454	1,977,988	1,325	305	58	425,021	2,205,202	3,354,258
Monroe	1,104	15,347,133	11,228	4,330	1,449	5,749,047	18,594,915	29,949,126
Montgomery	324	6,445,100	2,972	2,339	737	1,723,780	6,136,249	10,875,026
New York	11,339	181,206,356	146,179	71,795	9,378	37,030,021	288,441,691	472,926,437
Niagara	285	3,335,649	2,217	278	215	797,046	3,701,460	5,757,797
Oneida	1,100	12,606,989	7,876	3,886	931	3,427,560	11,098,698	17,808,378
Ontonaga	1,227	13,213,178	10,406	3,162	766	3,935,627	12,222,182	20,428,477
Ontario	403	2,123,603	1,343	177	28	472,592	1,480,648	3,670,924
Orange	496	6,650,648	5,067	1,079	646	2,264,083	5,772,067	10,058,463
Orleans	160	824,900	625	28	22	172,852	808,179	1,273,237
Oswego	695	6,203,315	3,893	937	277	1,554,829	8,318,024	12,034,845
Otsego	550	1,589,763	1,197	302	72	353,503	1,408,578	2,872,321
Putnam	46	323,700	179	53	.....	87,931	569,941	841,054
Queens	355	7,536,659	3,187	487	206	1,632,166	5,215,352	9,104,847
Rensselaer	863	18,255,148	13,283	13,013	1,507	8,184,666	17,448,710	33,679,573
Richmond	100	2,658,570	1,439	88	39	676,305	2,807,237	4,635,237
Rockland	159	1,600,390	2,165	364	229	854,398	1,523,888	3,236,385
Saint Lawrence	827	3,842,875	2,792	241	112	810,862	4,532,187	6,614,981
Saratoga	392	5,409,137	3,386	1,388	312	1,436,731	4,882,062	8,053,673
Schenectady	171	1,560,650	2,022	231	78	775,915	1,606,896	2,647,892
Schoharie	244	588,365	471	33	2	89,978	661,029	934,844
Schuyler	174	478,440	413	40	5	92,423	526,772	788,211
Seneca	172	2,467,210	1,245	251	65	584,447	1,570,154	2,927,772
Steuben	610	3,888,905	2,694	124	30	856,091	3,850,743	5,893,128
Suffolk	379	1,688,907	1,350	134	98	419,129	1,301,017	2,170,018
Sullivan	270	804,755	858	.....	21	184,632	1,095,854	1,557,436
Tioga	290	1,758,720	1,269	63	8	325,940	2,098,887	2,931,741
Tompkins	314	2,633,118	1,450	126	46	566,832	1,688,786	2,897,390
Ulster	558	3,958,408	3,701	192	265	1,383,125	3,504,036	6,633,735
Warren	134	2,112,389	1,065	1,960	239	470,837	1,772,737	2,830,141
Washington	355	2,658,188	1,655	182	68	565,325	2,268,225	3,597,512
Wayne	496	2,991,684	1,537	205	85	423,541	1,796,964	2,842,854
Westchester	502	5,659,424	7,542	2,286	374	3,231,364	7,752,838	14,217,985
Wyoming	299	1,073,370	666	85	35	207,286	1,287,599	1,906,825
Yates	145	698,715	631	44	4	186,478	698,422	1,117,475

TABLE LII.—*Manufactures: 1880—NEW YORK—Continued.*

B.—NEW YORK, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
All industries.....	42,739	514,246,575	361,540	137,453	23,529	198,634,029	679,612,545	1,080,690,596
Agricultural implements	265	9,580,009	6,335	.....	127	2,513,875	4,580,010	10,707,766
Artificial feathers and flow- ers.....	150	1,101,650	453	3,047	100	950,936	2,257,623	4,943,924
Awnings and tents	46	178,000	182	101	11	106,275	364,704	569,335
Bags, other than paper.....	8	755,500	271	454	82	338,850	3,119,000	3,884,806
Bags, paper.....	20	212,100	158	144	7	98,219	452,890	691,072
Baking and yeast powders.....	28	434,200	249	155	16	215,585	1,044,714	2,142,730
Baskets, rattan and willow ware.....	72	102,000	520	172	86	83,805	124,210	309,982
Belt and hose, leather.....	22	674,209	318	22	26	196,674	1,904,513	2,365,139
Billiard-tables and materials	15	370,069	155	.....	5	82,216	308,618	583,518
Blacking	6	153,500	102	15	6	62,360	200,300	488,160
Bookbinding and blank- book making.....	156	2,536,000	2,019	2,178	205	1,680,629	2,445,294	5,290,691
Boots and shoes.....	272	6,227,537	9,072	3,711	631	4,902,132	11,502,251	18,970,259
Boxes, cigar.....	54	441,045	509	296	106	373,278	603,337	1,939,668
Boxes, fancy and paper.....	113	953,010	886	2,354	173	910,049	1,508,391	3,033,777
Boxes, wooden, packing.....	156	1,742,225	1,487	121	117	884,519	2,309,185	3,610,472
Brass and copper, rolled.....	1	39,600	85	.....	3	52,031	470,610	588,709
Brass castings.....	102	1,219,721	1,309	62	204	683,243	1,301,247	2,458,445
Brass ware.....	8	54,800	127	25	15	56,457	168,043	260,214
Bread and other bakery products.....	1,719	5,030,681	4,943	482	245	2,612,982	13,022,040	19,937,953
Brick and tile.....	321	3,923,405	6,715	29	619	1,613,760	1,196,925	4,108,404
Bridges.....	4	314,000	171	.....	.....	65,500	310,000	426,000
Brooms and brushes.....	215	1,581,271	1,814	799	341	814,349	2,030,919	3,705,127
Buttons.....	18	456,000	255	1,054	123	332,799	366,372	916,262
Carpets, other than rag.....	10	6,422,158	1,887	3,150	556	1,952,301	4,453,410	8,419,254
Carriage and wagon mate- rials.....	62	451,750	422	1	8	139,063	314,536	619,631
Carriages and sleds, chil- dren's.....	19	287,450	439	18	11	192,228	358,340	702,469
Carriages and wagons.....	667	5,487,158	6,218	37	173	2,882,672	4,031,422	8,888,479
Cars, railroad, street, and repairs.....	26	980,522	1,221	1	39	556,590	1,470,232	2,804,680
Cement.....	10	193,500	377	.....	10	134,701	164,300	387,958
Cheese and butter.....	1,632	3,576,214	2,526	808	34	623,391	8,848,708	12,295,253
Chocolate.....	4	55,500	29	44	.....	26,203	157,403	257,153
Cleaning and polishing preparations.....	8	159,000	74	1	4	42,435	147,419	267,250
Clocks.....	4	625,000	771	304	217	382,920	508,650	1,037,350
Clothing, men's.....	1,583	30,517,107	36,635	25,822	631	18,324,466	52,712,947	81,133,611
Clothing, women's.....	277	5,141,290	1,649	11,892	64	4,196,913	12,577,958	20,314,307
Coffee and spices, roasted and ground.....	58	2,065,725	544	74	22	380,259	6,073,482	7,652,672
Coffins, burial cases, and undertakers' goods.....	115	1,360,085	679	166	10	399,309	953,199	1,942,577
Collars and cuffs, paper.....	3	170,000	52	123	.....	38,050	242,458	408,822
Confectionery.....	232	2,379,658	1,566	829	176	335,204	4,304,823	6,686,369
Cooperage.....	740	2,752,727	4,470	35	360	1,676,719	3,913,631	6,765,719
Coppersmithing.....	40	471,202	412	.....	1	279,392	645,368	1,021,372
Cordage and twine.....	37	3,032,100	939	1,017	505	632,748	4,110,112	5,207,135
Cork cutting.....	20	176,400	97	64	20	56,430	186,109	323,001
Corsets.....	27	311,100	118	1,235	116	228,551	443,561	791,639
Cotton goods.....	57	12,044,138	3,259	4,564	2,167	2,118,121	5,627,299	9,723,527
Cutlery and edge tools.....	87	1,500,742	1,443	38	100	614,403	739,137	1,680,900
Drugs and chemicals.....	112	6,779,899	1,652	392	46	993,556	6,978,755	9,991,253
Dyeing and finishing tex- tiles.....	29	2,343,000	1,359	300	270	842,387	1,075,539	2,776,154
Dyestuffs and extracts.....	10	933,200	303	10	6	164,315	1,398,176	1,881,702
Electroplating.....	78	228,600	511	52	52	264,169	185,927	696,032
Engraving and die-sinking.....	103	152,180	263	5	48	151,808	99,136	746,366
Engraving, steel.....	26	535,700	469	189	60	1,158,969	385,514	1,808,850
Engraving, wood.....	76	33,228	164	4	6	132,817	17,834	283,747
Fancy articles.....	66	693,100	736	374	99	436,041	452,384	1,284,944

TABLE LII.—*Manufactures: 1880—B.—NEW YORK—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Felt goods	4	157,500	137	46	12	85,239	2,155,893	257,450
Fertilizers	75	2,328,490	900	5	5	287,553	2,242,511	3,150,312
Files	37	234,400	397	6	34	163,553	109,877	412,554
Fire-arms	5	788,000	489	-----	24	391,500	84,000	323,500
Flouring- and grist-mill products.	1,768	19,545,994	4,284	10	10	1,537,800	43,226,194	49,331,981
Food preparations	31	452,250	209	43	21	117,616	629,513	890,722
Foundry and machine-shop products.	863	34,046,914	30,186	34	1,041	14,828,342	20,214,369	44,714,015
Fruits and vegetables, canned and preserved.	88	1,102,421	1,271	1,510	573	346,050	1,619,484	2,379,810
Furnishing goods, men's...	73	2,340,900	780	7,045	221	1,790,514	3,770,374	7,147,443
Furniture	849	8,220,978	9,367	254	454	4,997,041	6,749,672	15,210,879
Furniture, chairs	62	991,935	1,195	368	546	472,974	614,690	1,404,138
Furs, dressed	95	2,622,830	1,133	1,882	50	1,052,242	3,715,761	5,649,122
Galvanizing	8	273,000	229	-----	12	122,620	351,800	850,770
Gas and lamp fixtures	18	2,231,000	1,500	40	137	867,878	1,027,565	2,728,628
Glass	32	1,933,600	2,116	50	912	1,046,812	944,691	2,420,796
Glass, cut, stained, and ornamented.	109	596,130	842	86	133	451,194	868,452	1,801,962
Gloves and mittens	199	2,690,048	1,569	3,623	121	1,245,013	3,404,987	5,718,529
Glucose	3	1,750,000	775	5	17	455,000	2,000,000	3,075,000
Glue	9	867,000	297	9	20	129,139	384,123	884,280
Gold and silver leaf and foil.	29	160,700	254	110	11	189,282	386,824	655,358
Gold and silver, reduced and refined.	10	193,600	85	-----	-----	56,452	3,030,919	3,120,452
Grease and tallow	23	564,004	323	3	6	178,898	6,623,526	7,222,970
Gunpowder	6	299,690	122	10	-----	73,500	327,319	567,843
Hair work	88	228,300	95	366	12	150,622	313,273	679,629
Hardware	141	1,842,226	2,062	55	315	1,033,028	1,514,042	3,396,633
Hardware, saddlery	9	351,000	637	44	98	230,080	381,028	720,128
Hat and cap materials	39	392,228	414	275	15	278,451	669,682	1,179,609
Hats and caps	168	1,682,140	2,408	1,917	201	1,877,123	3,335,778	6,464,058
Hosiery and knit goods	75	5,334,876	2,389	4,470	999	2,036,076	5,072,058	9,899,540
Ink	12	388,800	77	22	11	51,342	348,000	565,010
Instruments, professional and scientific.	67	571,350	405	16	23	266,113	188,186	716,922
Iron and steel	89	21,543,221	10,697	-----	747	4,009,451	13,395,229	22,210,219
Iron bolts, nuts, washers, and rivets.	26	432,619	416	15	49	185,694	572,326	929,111
Iron forgings	12	852,500	703	-----	28	273,770	809,912	1,814,274
Iron nails and spikes, cut and wrought.	3	250,000	204	22	29	94,795	183,000	356,000
Iron pipe, wrought	9	379,500	236	-----	30	105,997	640,699	924,745
Iron railing, wrought	49	200,697	281	-----	6	182,770	214,913	529,667
Iron work, architectural and ornamental.	9	106,000	104	-----	1	48,653	184,647	263,131
Ivory and bone work	18	182,414	232	50	28	116,389	217,245	401,674
Jewelry	260	2,663,938	2,052	220	118	1,417,710	2,765,347	5,340,806
Jute and jute goods	3	390,000	197	282	-----	132,621	415,788	650,560
Lamps and reflectors	25	487,000	447	3	24	254,163	364,885	857,467
Lapidary work	26	99,250	90	11	16	80,226	128,632	315,230
Lard, refined	11	786,860	492	-----	10	254,883	14,817,826	14,758,718
Lead, bar, pipe, sheet, and shot.	10	901,575	113	3	3	60,553	1,250,492	1,701,717
Leather, dressed skins	71	1,831,040	1,071	23	41	450,130	2,061,428	3,095,092
Leather, curried	185	1,720,356	884	-----	16	366,426	5,210,852	6,192,002
Leather goods	46	483,100	783	129	87	426,280	952,073	1,764,778
Leather, tanned	386	11,710,415	4,901	34	65	1,819,742	18,014,083	23,652,366
Lime	66	664,832	669	-----	61	146,352	276,733	560,453
Liquors, distilled	19	453,025	153	-----	-----	70,820	673,472	1,012,550
Liquors, malt	325	27,580,592	8,064	8	21	3,912,798	19,829,853	35,892,677
Liquors, vinous	12	450,000	83	-----	-----	33,650	254,656	375,150
Lithography	58	1,828,550	1,199	61	144	828,615	842,379	2,270,854
Looking-glass and picture frames.	146	1,026,481	1,854	18	142	670,789	1,550,915	2,828,757
Lumber, planed	222	4,556,885	3,113	-----	185	1,356,491	5,271,184	8,073,766
Lumber, saw ed	2,822	13,220,394	11,056	-----	389	2,162,972	9,119,263	14,556,910
Malt	111	8,196,810	1,262	-----	-----	513,229	7,781,339	9,874,098
Marble and stone work	560	4,892,056	3,759	19	108	3,496,212	4,055,445	10,189,267

TABLE LII.—Manufactures: 1880—B.—NEW YORK—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Matches	8	321,950	104	234	52	84,890	270,632	551,270
Mats and matting	7	193,650	133	12	70	116,029	203,427	385,540
Mattresses and spring beds	65	449,193	366	88	19	205,252	873,987	1,426,082
Millinery and lace goods	110	1,460,680	722	2,827	138	1,068,173	3,685,280	5,797,531
Mineral and soda waters	99	804,948	604	2	57	351,014	590,273	1,368,542
Mixed textiles	134	7,902,150	3,369	5,723	1,326	3,049,305	6,935,558	13,376,380
Models and patterns	54	131,121	202	1	3	119,125	47,196	272,665
Musical instruments, organs and materials.	52	460,350	433	8	20	234,648	205,661	604,891
Musical instruments, pianos and materials.	82	6,627,845	3,802	24	50	3,213,481	3,579,131	8,084,154
Oil, lard	3	170,000	100	-----	2	37,415	920,600	1,026,800
Oil, linseed	9	1,406,000	359	6	6	196,277	4,961,782	5,679,607
Oil, lubricating	12	231,800	92	-----	1	60,485	383,571	534,595
Oilcloth, enameled	2	125,000	85	2	11	45,000	261,000	340,000
Oilcloth, floor	8	1,125,000	500	-----	16	222,689	906,853	1,426,848
Oleomargarine	5	645,500	270	-----	-----	126,636	4,418,695	5,838,753
Paints	73	4,842,800	1,540	103	40	831,863	6,994,501	9,455,900
Paperhangings	16	2,462,000	1,240	136	521	654,353	2,970,282	5,095,955
Paper, not specified	168	6,859,565	2,929	751	134	1,217,580	5,579,525	8,524,279
Paper patterns	4	105,100	13	84	-----	40,538	44,000	512,550
Patent medicines and compounds.	108	3,512,430	584	339	180	485,558	1,032,936	4,330,178
Pens, gold	12	314,050	169	14	19	145,907	174,356	461,761
Perfumery and cosmetics	22	462,450	171	216	5	121,484	724,100	1,280,200
Pickles, preserves, and sauces.	40	387,050	178	71	37	64,597	351,080	676,916
Pipes, tobacco	16	101,400	177	23	20	97,208	110,718	297,188
Plated and britannia ware	2	290,000	115	53	-----	55,000	120,000	290,000
Pocket-books	35	283,950	491	77	54	285,577	532,983	1,033,334
Printing and publishing	712	20,027,989	11,651	1,678	1,088	8,059,487	9,518,171	27,885,376
Pumps	72	250,550	206	-----	2	38,313	158,558	365,153
Refrigerators	28	346,528	473	14	36	215,528	306,403	801,172
Roofing and roofing materials	147	411,991	852	-----	22	469,098	783,101	1,695,672
Rubber and elastic goods	24	1,589,637	972	469	89	607,340	1,769,673	2,914,119
Saddlery and harness	1,123	1,725,782	2,102	62	65	905,371	1,754,498	3,792,955
Safes, doors, and vaults, fire-proof	9	561,400	450	-----	20	233,276	399,210	807,616
Salt	60	2,286,081	962	11	39	274,087	507,020	1,107,760
Salt, ground	4	220,200	130	38	-----	31,867	218,943	266,906
Sash, doors, and blinds	244	2,639,775	2,800	-----	132	1,170,394	2,628,837	4,879,894
Saws	18	435,800	382	10	26	157,250	319,059	606,851
Scales and balances	19	369,800	320	-----	8	155,735	165,957	456,147
Sewing-machines and attachments.	26	919,725	944	56	43	483,039	386,111	1,168,753
Shipbuilding	457	3,044,100	4,661	-----	-----	2,907,129	4,055,637	7,985,044
Shirts	195	3,732,694	1,133	12,453	205	2,730,571	6,410,261	11,614,820
Shoddy	7	37,700	43	32	3	33,610	321,220	407,500
Silk and silk goods	151	4,696,775	2,405	5,459	1,769	2,590,025	5,331,804	10,170,140
Silverware	23	1,180,000	713	31	101	574,314	775,154	1,603,286
Slaughtering and meat-packing.	128	4,543,625	1,688	-----	22	1,020,790	40,149,850	43,096,138
Soap and candles	97	4,462,775	927	131	129	494,003	4,880,625	6,574,330
Soda-water apparatus	2	165,000	72	12	1	63,000	215,400	466,203
Spectacles and eyeglasses	30	264,750	365	30	56	191,918	152,769	500,583
Sporting goods	36	733,750	259	298	49	201,102	263,619	682,043
Springs, steel, car, and carriage.	9	360,000	178	-----	5	64,821	424,958	548,890
Stamped ware	16	1,070,340	1,068	141	128	489,256	1,147,721	1,945,009
Starch	60	2,269,750	1,270	174	25	480,574	2,045,148	3,828,102
Stationery goods	85	2,208,725	1,169	915	120	823,931	2,506,013	4,281,877
Steam fittings and heating apparatus.	23	832,000	549	-----	6	336,366	951,871	1,488,678
Stone- and earthen-ware	53	703,500	648	142	36	319,356	241,885	788,694
Straw goods	4	183,000	49	230	23	72,734	145,858	234,692
Sugar and molasses, refined	17	13,720,000	2,028	-----	13	1,218,912	67,273,614	71,237,051
Telegraph and telephone apparatus.	25	333,558	418	31	10	278,801	321,066	738,939

TABLE LII.—*Manufactures*: 1880—B.—NEW YORK—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Tinware, copperware, and sheet-iron ware.	1,190	4,756,079	4,707	280	309	2,151,397	5,217,864	9,858,768
Tinfoil.....	2	580,000	75	50	13	90,694	167,867	360,349
Tobacco, chewing, smoking, and snuff.	45	3,236,830	1,343	1,519	232	1,103,435	5,337,075	8,907,737
Tobacco, cigars, and cigarettes.	1,683	8,274,917	13,098	5,039	995	7,671,831	11,942,043	24,767,504
Tools.....	5	270,650	256	.....	15	114,370	99,520	320,200
Toys and games.....	31	418,225	388	405	125	207,247	259,552	641,359
Trunks and valises.....	51	433,050	438	52	39	275,730	595,839	1,080,910
Type founding.....	22	798,500	426	111	56	336,059	232,959	822,257
Umbrellas and canes.....	75	1,021,450	551	796	19	528,505	2,450,455	3,509,367
Upholstering.....	226	1,380,072	870	302	88	542,931	2,025,055	3,240,138
Varnish.....	17	1,395,800	137	.....	6	91,638	1,028,795	1,867,155
Vinegar.....	107	699,181	406	15	15	85,280	552,026	840,968
Watch cases.....	4	156,565	261	22	12	249,816	717,177	1,109,406
Whalebone and rattan.....	8	141,950	92	21	8	55,888	330,406	457,360
Whips.....	8	192,500	96	68	10	71,223	113,632	270,433
Window blinds and shades.	28	611,800	348	25	20	201,938	760,772	1,279,025
Wire.....	4	325,000	383	.....	11	176,606	435,032	735,418
Wirework.....	73	908,303	912	76	248	563,441	924,923	1,958,398
Wood, turned and carved.....	182	982,170	1,323	20	95	671,906	1,000,380	2,163,511
Wooden ware.....	68	380,700	505	7	18	159,890	248,729	552,301
Wool hats.....	10	1,723,005	1,593	724	477	1,041,405	2,308,221	4,205,089
Woolen goods.....	159	8,266,878	3,311	2,128	691	1,774,143	6,212,635	9,674,973
Worsted goods.....	6	1,679,157	477	874	356	985,952	1,318,376	2,321,999
All other industries.....	12,913	23,210,551	37,511	1,571	1,148	18,337,158	29,039,931	64,353,479

A.—NORTH CAROLINA, BY TOTALS OF COUNTIES.

The State.....	3,802	13,045,639	12,818	2,939	2,352	2,740,768	13,090,937	20,095,037
COUNTIES.								
Alamance.....	58	724,766	197	384	112	93,622	422,489	709,196
Alexander.....	32	69,072	29	15	5	5,371	62,139	81,715
Alleghany.....	6	7,000	7	.....	.....	759	8,930	11,243
Anson.....	51	82,160	131	.....	6	17,750	126,095	169,353
Ashe.....	57	49,810	65	2	.....	9,801	82,576	109,231
Beaufort.....	28	99,550	140	.....	2	22,697	63,862	110,811
Bertie.....	28	54,565	91	.....	.....	10,609	60,085	91,830
Bladen.....	27	74,445	109	.....	1	21,285	85,435	150,280
Brunswick.....	21	36,500	51	.....	.....	12,160	23,590	74,420
Buncombe.....	58	156,035	119	14	12	24,615	127,897	198,886
Burke.....	35	61,485	80	.....	33	14,232	84,214	112,376
Cabarrus.....	74	155,579	186	52	40	44,009	213,561	313,624
Caldwell.....	49	98,025	94	81	7	16,072	89,055	126,190
Camden.....	4	15,000	.....	.....	.....	.....	25,380	27,965
Carteret.....	29	24,550	28	.....	4	2,340	25,570	31,146
Caswell.....	41	96,675	84	10	9	16,588	125,186	170,419
Catawba.....	77	163,863	109	61	64	34,570	193,251	282,604
Chatham.....	93	576,853	147	18	15	22,853	227,993	286,709
Cherokee.....	21	29,420	46	.....	.....	4,795	23,722	37,971
Chowan.....	8	22,360	21	.....	5	3,950	13,611	22,206
Clay.....	4	4,500	4	.....	.....	625	15,297	16,732
Cleveland.....	52	133,200	137	45	29	25,700	172,575	262,128
Columbus.....	29	48,815	104	5	.....	27,670	163,467	225,210
Craven.....	40	186,000	235	16	46	66,864	290,110	322,519
Cumberland.....	31	460,750	404	170	90	120,348	353,701	612,461
Currituck (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Dare.....	1	500	5	.....	.....	2,500	3,000	6,000
Davidson.....	92	161,230	204	25	13	42,637	356,878	452,665
David.....	60	89,552	98	21	22	14,937	108,188	150,968
Duplin.....	48	70,150	101	1	.....	11,868	99,003	149,618

(a) Returned as having no manufactures.

TABLE LII.—*Manufactures: 1880—A.—NORTH CAROLINA—Continued.*

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Edgecombe.....	41	162,325	162	330	16	26,296	99,166	162,050
Forsyth.....	96	708,830	650	330	382	199,509	794,840	1,104,749
Franklin.....	46	111,823	113	9	17	18,893	90,689	194,112
Gaston.....	87	635,963	192	146	115	72,245	579,014	844,308
Gates.....	3	3,806	9			732	18,092	19,850
Graham (a).....								
Granville.....	97	147,800	241	21	31	35,240	246,761	354,172
Greene.....	20	43,459	80		1	8,595	35,716	61,900
Guilford.....	98	438,800	266	45	33	72,805	850,383	498,525
Halifax.....	22	58,725	83		4	12,270	71,660	99,020
Harnett.....	23	42,950	38		4	4,765	32,075	52,202
Haywood.....	20	30,160	24			3,540	43,759	52,868
Henderson.....	30	18,925	42	1		4,689	29,685	48,074
Hertford.....	12	39,400	88			14,432	62,353	97,550
Hyde.....	6	12,300	22			3,490	10,940	19,020
Iredell.....	78	157,920	103	26	8	17,698	200,004	256,420
Jackson.....	11	14,900	19			1,918	25,597	31,677
Johnston.....	48	109,550	129		2	20,044	105,011	156,264
Jones.....	9	12,200	17			768	26,535	31,040
Lenoir.....	15	57,120	70		3	12,518	82,597	117,445
Lincoln.....	61	286,355	134	46	12	36,783	240,589	339,726
McDowell.....	22	41,300	50	3	1	8,208	40,204	58,036
Macon.....	11	15,240	11			1,675	26,458	32,990
Madison.....	7	17,500	13			1,692	19,045	24,392
Martin.....	14	53,100	61		6	8,921	107,387	137,113
Mecklenburg.....	75	218,925	267	10	19	66,698	202,791	349,846
Mitchell.....	21	169,200	56	1		6,393	43,785	67,850
Montgomery.....	51	95,625	102		3	11,323	95,295	129,724
Moore.....	123	225,116	669	3		115,459	278,463	522,362
Nash.....	31	263,875	125	45	44	25,933	119,950	178,098
New Hanover.....	60	987,975	782	88	75	277,400	1,087,419	1,799,602
Northampton.....	28	55,050	66		1	7,552	55,566	76,870
Onslow.....	25	17,075	62		2	4,990	32,690	45,089
Orange.....	96	823,000	635	219	277	129,500	725,972	1,239,984
Pamlico.....	11	16,775	38			5,379	21,300	32,701
Pasquotank.....	16	67,600	38		1	23,735	75,920	124,310
Pender.....	6	6,750	13			1,200	18,265	24,200
Perquimans.....	18	43,850	42		6	10,492	36,192	56,361
Person.....	42	128,400	126	19	63	16,367	116,821	160,895
Pitt.....	28	52,400	84		2	9,844	61,831	85,781
Polk.....	4	5,800	16			1,471	9,025	12,950
Randolph.....	93	487,665	291	876	151	111,009	617,053	894,462
Richmond.....	31	208,009	138	61	31	36,594	143,707	232,854
Robeson.....	119	175,175	600	119	62	90,748	280,065	526,941
Rockingham.....	67	404,095	308	188	187	81,099	325,103	503,598
Rowan.....	71	148,165	177	42	38	32,077	214,384	293,949
Rutherford.....	35	56,850	69			13,294	70,729	95,093
Sampson.....	48	85,925	123			21,178	176,577	238,515
Stanley.....	25	60,200	47		3	4,080	84,741	95,620
Stokes.....	69	95,102	126	50	52	16,566	165,873	213,804
Surry.....	65	218,050	144	118	76	33,034	183,419	262,705
Swain (a).....								
Transylvania.....	19	19,000	10			2,170	22,469	28,539
Tyrrell.....	8	13,130	15			751	3,742	5,617
Union.....	45	57,680	127		10	18,182	101,674	143,045
Wake.....	137	364,198	763	26	62	174,894	352,060	712,735
Warren.....	37	87,400	81			10,026	133,825	192,568
Washington.....	10	23,600	33			5,469	41,093	56,908
Watauga.....	25	22,550	21			2,897	28,545	28,346
Wayne.....	61	177,010	280		12	60,456	201,168	335,323

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—NORTH CAROLINA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Wilkes	32	35,500	20	.....	.....	3,462	48,922	53,926
Wilson	30	77,100	119	.....	7	22,450	70,420	120,039
Yadkin	50	51,640	39	.....	11	5,674	55,727	77,262
Yancey	19	18,940	18	.....	1	2,176	27,155	35,642

B.—NORTH CAROLINA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	3,802	13,045,630	12,818	2,939	2,352	2,740,768	13,000,937	20,065,037
Carriages and wagons	47	202,650	376	.....	4	107,731	139,300	334,900
Cotton goods	49	2,855,600	764	1,727	741	430,659	1,403,645	2,554,482
Fertilizers	1	350,000	100	.....	25	40,000	150,000	300,000
Flouring and grist-mill products	1,313	3,218,053	1,844	.....	.....	237,777	5,722,603	6,462,806
Leather, tanned	133	183,659	219	.....	1	37,846	222,068	267,923
Liquors, distilled	174	175,619	110	.....	.....	20,045	167,223	255,838
Lumber, sawed	776	1,743,217	2,938	.....	91	447,451	1,577,139	2,672,706
Tar and turpentine	184	473,915	1,610	130	58	255,849	810,228	1,758,488
Tobacco, chewing, smoking, and snuff	118	1,512,900	1,544	949	1,090	362,859	1,252,830	2,215,154
Woolen goods	49	203,100	126	50	15	23,195	255,707	303,190
All other industries	958	2,125,206	3,193	83	327	763,376	1,224,194	2,869,493

A.—OHIO, BY TOTALS OF COUNTIES.

The State	20,699	188,939,614	152,217	18,563	12,829	62,103,800	215,334,258	348,293,390
COUNTIES.								
Adams	104	173,675	199	.....	13	44,025	226,695	366,509
Allen	194	929,675	1,046	43	37	318,887	809,197	1,523,007
Ashland	146	467,340	359	7	4	112,036	617,862	1,218,849
Ashtabula	363	1,174,305	1,167	69	41	233,037	1,463,573	2,278,385
Athens	92	544,292	477	2	3	197,797	408,358	715,334
Auglaize	228	797,351	654	30	19	213,517	920,586	1,479,393
Belmont	238	2,856,125	2,017	166	417	1,061,066	2,658,936	4,631,649
Brown	193	531,170	541	10	27	131,115	665,993	894,341
Butler	368	4,785,223	2,281	574	278	1,050,267	4,705,100	7,157,877
Carroll	47	118,975	69	.....	1	15,258	182,682	203,961
Champaign	148	636,635	763	14	12	219,480	833,727	1,369,747
Clarke	218	7,348,153	3,847	50	209	1,654,300	4,682,692	8,647,269
Clermont	179	405,536	494	63	25	138,374	528,577	878,947
Clinton	147	263,781	317	3	16	69,016	385,057	588,603
Columbiana	401	3,219,397	3,321	236	329	1,343,291	3,042,005	5,458,490
Coshocton	216	444,975	414	15	2	115,827	663,496	968,563
Crawford	150	700,611	529	64	8	190,207	785,299	1,205,114
Cuyahoga	1,270	20,609,299	18,880	2,368	1,450	8,826,542	33,076,644	50,910,564
Darke	173	254,835	534	2	35	147,709	600,950	1,055,526
Defiance	144	1,025,300	966	17	60	324,109	797,780	1,444,343
Delaware	163	593,690	506	59	35	166,810	607,336	1,034,229
Erie	144	2,312,650	1,757	11	101	610,923	1,545,649	2,757,086
Fairfield	150	671,860	629	96	12	210,125	782,953	1,242,845
Wayette	74	124,825	222	5	13	51,071	200,469	329,212
Franklin	453	5,374,115	5,617	301	289	2,102,333	6,164,482	10,603,644
Fulton	151	340,880	397	14	10	98,404	502,043	752,365
Gallia	101	514,354	378	1	37	99,244	730,370	1,023,054
Geauga	141	268,900	266	23	2	61,758	458,326	662,547
Greene	197	346,910	628	46	19	202,113	1,638,971	2,187,809
Guernsey	85	224,260	216	4	3	46,849	362,551	503,368

TABLE LII.—Manufactures: 1880—A.—OHIO—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Hamilton	3,494	52,089,910	40,204	10,586	5,263	20,017,718	64,330,360	108,338,757
Hancock	163	554,445	523	21	48	153,757	58,153	1,068,706
Hardin	140	683,885	540	19	41	164,464	620,810	995,462
Harrison	130	225,850	242	13	10	71,166	534,125	730,968
Henry	113	441,195	420	14	66	104,949	503,101	811,892
Highland	143	404,292	370	7	13	91,335	688,748	955,678
Hocking	54	2,040,415	1,095	2	12	182,351	536,561	768,798
Holmes	130	287,255	221	7	3	53,550	432,920	585,938
Huron	109	634,558	630	16	50	219,892	1,436,071	1,355,714
Jackson	65	1,982,975	1,631	6	91	573,534	836,350	1,244,877
Jefferson	229	2,079,616	1,574	105	161	702,134	2,013,212	2,945,230
Knox	175	861,150	803	28	18	252,879	795,747	1,423,259
Lake	94	379,130	408	6	19	113,501	436,619	722,301
Lawrence	81	4,230,050	3,511	1	250	1,113,617	1,728,122	2,671,245
Licking	205	480,599	657	29	17	157,283	433,185	873,753
Logan	163	441,510	397	42	21	139,199	861,334	1,222,415
Lorain	224	908,425	915	43	68	279,159	1,141,494	1,881,377
Lucas	510	6,045,280	5,339	1,045	695	2,343,987	6,924,629	11,402,919
Madison	87	111,533	171	7	2	42,120	128,098	227,399
Mahoning	320	4,871,691	3,779	23	145	1,702,668	7,310,399	9,847,238
Marion	113	381,060	365	1	11	110,191	459,794	716,440
Medina	191	485,000	511	46	23	123,480	586,579	801,533
Meigs	149	1,122,010	967	20	33	213,624	724,041	1,186,861
Mercer	90	213,237	318	3	24	51,806	280,207	430,266
Miami	190	1,963,660	1,068	65	42	372,717	1,877,043	2,839,868
Monroe	162	816,125	230	4	7	36,813	367,485	496,600
Montgomery	656	6,002,989	5,674	536	482	2,480,374	7,229,531	13,226,709
Morgan	101	339,943	335	41	36	104,711	555,910	798,363
Morrow	133	248,610	305	16	6	75,391	351,023	533,656
Muskingum	377	2,043,057	2,615	238	182	1,006,543	3,594,359	5,560,405
Noble	105	149,185	141	.....	11	20,921	281,357	371,834
Ottawa	78	783,640	479	10	73	135,778	721,824	1,109,115
Paulding	51	317,200	339	.....	25	67,735	231,890	341,061
Perry	123	1,095,620	909	2	28	270,185	730,006	1,085,227
Pickaway	148	594,475	519	27	26	132,556	702,499	1,023,511
Pike	46	634,264	130	3	6	25,646	188,040	294,492
Portage	225	808,175	821	50	53	277,977	949,036	1,537,489
Proble	185	357,855	427	36	21	100,107	584,812	830,019
Putnam	110	350,050	413	4	35	86,251	404,993	620,882
Richland	207	2,794,321	1,414	69	62	529,978	2,280,071	3,850,656
Ross	196	810,529	644	16	11	222,075	923,733	1,491,728
Sandusky	189	1,068,985	1,179	44	62	468,529	1,676,094	2,553,312
Scioto	230	2,408,005	2,314	460	157	817,772	1,697,319	2,961,973
Seneca	240	1,066,857	1,045	51	16	298,003	1,020,618	1,723,094
Shelby	104	497,504	588	.....	35	137,167	675,178	1,023,073
Stark	462	5,621,960	3,590	72	56	1,311,035	4,265,733	7,986,627
Summit	265	6,317,621	3,508	139	238	1,622,609	6,541,515	10,484,576
Trumbull	299	2,244,760	2,298	43	151	844,793	8,245,892	4,922,084
Tuscarawas	302	1,545,984	984	39	27	244,953	1,824,290	2,461,701
Union	82	220,160	201	7	9	50,673	261,787	397,517
Van Wert	92	599,463	680	6	52	179,911	639,298	1,054,417
Vinton	51	793,660	100	1	3	20,692	186,029	240,105
Warren	160	684,744	571	92	60	122,738	601,201	971,381
Washington	181	811,573	859	108	72	250,025	1,121,698	1,678,523
Wayne	254	1,092,170	858	17	31	274,641	1,491,907	2,232,883
Williams	173	583,835	554	7	6	136,149	626,831	961,057
Wood	282	693,375	785	15	126	185,638	868,315	1,337,406
Wyandot	163	452,450	545	12	12	139,327	553,217	854,689

TABLE LII.—Manufactures: 1880—OHIO—Continued.

B.—OHIO, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No. 20,699	Dollars. 188,939,614	No. 152,217	No. 18,563	No. 12,826	Dollars. 62,109,290	Dollars. 215,364,258	Dollars. 348,298,390
Agricultural implements ..	156	16,111,576	3,281	13	242	2,081,065	7,242,320	15,479,825
Bags, paper.....	8	157,060	67	167	28	60,445	572,872	739,893
Bookbinding and blank-book making.....	51	361,510	314	297	46	238,305	333,167	851,206
Boots and shoes.....	51	1,154,290	2,255	671	278	1,689,116	2,498,178	4,167,476
Boxes, wooden, packing.....	35	138,758	237	24	22	70,494	129,785	203,262
Brass castings.....	28	280,777	230	.....	55	161,919	430,162	806,736
Bread and other bakery products.....	497	1,090,131	1,235	155	121	529,678	2,440,001	3,805,506
Brick and tile.....	825	2,723,528	5,527	17	532	1,114,133	1,185,794	3,421,201
Bridges.....	10	790,500	955	.....	14	384,233	859,748	1,000,563
Brooms and brushes.....	84	232,087	514	165	232	161,729	277,021	532,640
Carriages and wagons.....	325	4,231,481	6,387	92	601	2,610,268	5,416,656	10,045,404
Carriage and wagon materials.....	63	2,230,265	1,937	4	72	790,555	1,039,737	2,652,523
Cars, railroad, street, and repairs.....	10	1,264,000	1,512	.....	27	675,896	2,133,288	3,429,990
Cheese and butter.....	452	948,702	731	164	14	162,985	1,985,050	2,756,793
Clothing, men's.....	647	8,631,684	6,026	7,659	733	4,138,332	12,043,020	20,008,398
Clothing, women's.....	25	240,962	52	1,153	39	275,875	756,902	1,280,654
Coffee and spices, roasted and ground.....	27	416,000	268	41	11	155,282	1,118,327	1,517,114
Coffins, burial cases, and undertakers' goods.....	37	1,043,656	738	141	167	376,843	667,880	1,480,926
Coke.....	15	144,612	150	.....	3	51,977	233,831	334,546
Confectionery.....	61	377,875	329	118	46	156,449	882,562	1,248,288
Cooperage.....	412	1,371,100	2,768	2	311	939,610	1,852,967	3,486,032
Cotton goods.....	6	857,060	165	326	71	130,897	432,662	920,658
Cutlery and edge tools.....	28	916,900	538	8	23	246,487	321,750	790,000
Drugs and chemicals.....	48	839,590	366	6	10	119,219	618,145	1,082,420
Electric lights.....	1	200,000	150	.....	.....	80,000	100,000	300,000
Explosives and fireworks.....	4	160,350	71	28	23	42,160	463,341	608,368
Fertilizers.....	14	593,900	214	.....	1	67,520	325,120	531,540
Flouring- and grist-mill products.....	1,380	12,228,847	3,874	.....	1	1,221,464	34,157,024	38,950,284
Foundry and machine-shop products.....	419	12,770,649	11,857	9	378	5,165,596	8,467,972	18,242,325
Fruits and vegetables, canned and preserved.....	20	302,880	283	631	174	102,935	651,662	885,105
Furniture.....	412	4,417,076	4,929	178	562	2,630,243	2,694,632	6,865,027
Furniture, chairs.....	37	497,026	782	219	155	321,918	574,472	821,702
Glass.....	20	1,194,850	1,170	61	437	614,520	459,333	1,549,320
Gunpowder.....	3	559,090	113	.....	.....	55,000	280,000	401,073
Handles, wooden.....	45	427,559	479	8	15	156,681	243,606	531,167
Hardware.....	1	1,357,169	1,165	11	93	467,894	744,963	1,692,827
Hardware, saddlery.....	3	178,000	328	12	23	83,126	275,000	440,000
Hosiery and knit goods.....	23	187,000	52	574	118	34,338	241,523	418,825
Iron bolts, nuts, washers, and rivets.....	8	522,500	571	25	5	260,423	767,926	1,310,711
Iron forgings.....	4	310,000	269	.....	.....	106,500	363,000	590,000
Iron and steel.....	134	25,141,204	18,885	.....	1,186	8,265,670	23,097,915	34,918,860
Iron work, architectural and ornamental.....	18	195,350	291	.....	1	162,657	305,115	549,567
Jewelry.....	23	168,250	225	25	49	149,896	158,735	470,500
Lamps and reflectors.....	7	309,500	257	27	30	100,247	261,400	432,000
Leather, curried.....	251	1,039,075	563	5	4	274,269	3,141,024	3,886,627
Leather, tanned.....	302	2,022,900	612	1	14	273,595	3,247,562	4,557,273
Lime.....	53	352,456	386	.....	19	121,251	471,633	431,328
Lithographing.....	13	423,100	422	35	44	255,032	407,617	856,744
Liquors, distilled.....	37	4,813,185	979	5	11	466,167	4,594,931	6,692,736
Liquors, malt.....	163	8,173,545	2,692	2	12	1,164,825	5,110,587	9,126,614
Liquors, vinous.....	21	747,300	134	29	6	54,390	583,700	779,119
Looking-glass and picture frames.....	50	613,700	590	3	65	263,463	408,573	788,919
Lumber, planed.....	148	1,728,551	1,592	1	29	653,929	1,773,590	2,961,567
Lumber, sawed.....	2,352	7,944,412	8,763	.....	543	1,768,360	8,896,106	13,864,460

TABLE LII.—Manufactures: 1880—B.—OHIO—Continued.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Malt.....	29	1,402,931	247	7	2	125,287	1,391,584	1,756,551
Mantels, slate, marble, and marbleized.	6	241,000	96	17	9	96,722	137,740	311,330
Marble and stone work....	246	1,127,930	1,504	6	70	633,312	904,069	2,240,160
Matches.....	1	300,000	102	46	80	68,686	600,000	935,529
Millinery and lace goods...	22	81,450	25	259	11	77,488	162,852	320,091
Oil, cottonseed and cake...	1	150,000	45	10	10	7,450	400,000	425,000
Oil, lard.....	9	472,500	160	2	2	42,772	1,035,636	1,141,835
Oil, linseed.....	21	1,123,550	299	143	454	143,454	1,063,103	2,381,934
Oil, lubricating.....	16	786,925	164	78	692	78,692	1,031,112	1,431,039
Oleomargarine.....	1	300,000	20	4	4	8,000	108,000	250,000
Paints.....	15	447,000	232	12	15	123,164	835,734	1,269,980
Paper, not specified.....	60	4,804,274	1,684	527	97	839,231	3,024,068	5,108,194
Patent medicines and compounds.	61	570,600	157	18	14	78,005	406,804	668,141
Printing and publishing...	237	4,688,535	3,461	543	976	2,067,592	2,382,305	6,579,565
Pumps.....	66	313,875	300	3	3	114,326	184,650	584,561
Regalia and society banners and emblems.	6	118,200	37	136	27	70,550	150,031	289,414
Roofing and roofing materials.	46	333,300	336	2	3	133,276	592,944	900,141
Rubber and elastic goods...	4	107,600	59	18	2	30,867	233,232	365,494
Saddlery and harness.....	743	1,271,869	1,877	25	65	671,124	1,487,019	3,170,413
Sales, doors, and vaults, fire-proof.	5	964,000	1,125	12	12	587,428	580,000	1,635,000
Salt.....	25	832,600	440	2	2	105,261	202,543	363,791
Sash, doors, and blinds.....	102	2,147,537	2,146	1	164	883,910	2,420,480	4,043,844
Saws.....	11	272,750	100	14	14	75,118	120,573	281,867
Screws.....	2	556,000	140	72	124	72,124	202,441	307,170
Sewing-machines and attachments.	12	358,109	640	9	143	389,805	774,281	1,270,025
Sewing-machine cases.....	5	36,000	275	22	22	108,600	126,000	255,600
Shipbuilding.....	54	423,650	773	414	360	414,360	985,960	1,552,210
Shirts.....	35	220,300	84	516	7	139,234	335,637	573,422
Shoddy.....	1	250,000	30	40	000	40,000	575,000	700,000
Slaughtering and meat-packing.	92	5,487,682	1,950	74	74	633,044	17,173,446	19,231,297
Soap and candles.....	27	422,650	229	39	16	78,245	852,483	1,028,778
Springs, steel, car, and carriage.	5	240,000	293	128	784	128,784	269,825	477,905
Starch.....	5	1,400,000	505	60	40	179,030	1,099,292	1,754,710
Stone- and earthen-ware...	179	1,675,055	2,042	226	391	894,322	628,273	2,106,474
Tinware, copperware, and sheet-iron ware.	704	1,456,313	1,826	10	87	699,108	1,626,346	3,230,208
Tobacco, chewing, smoking, and snuff.	26	1,332,345	734	450	367	393,083	3,198,926	4,378,302
Tobacco, cigars, and cigarettes.	652	1,341,070	3,589	552	571	1,495,859	2,004,439	5,018,638
Tools.....	19	297,250	273	3	8	115,804	87,600	328,550
Trunks and valises.....	26	180,569	357	25	28	110,513	221,535	456,481
Upholstering.....	38	121,125	183	26	55	76,480	278,328	438,940
Varnish.....	12	655,000	90	287	54	54,770	779,247	1,042,835
Wire.....	3	537,471	1,298	287	60	220	1,251,000	1,805,000
Wirework.....	22	235,725	295	8	62	83,665	339,380	501,600
Wooden ware.....	28	353,364	434	10	129	179,890	379,632	714,432
Wood, turned and carved...	51	148,120	250	23	19	100,357	138,185	355,177
Woolen goods.....	122	1,316,240	722	413	189	256,214	1,084,333	1,678,189
All other industries.....	6,959	10,775,535	16,735	1,339	1,051	6,141,682	11,730,668	25,613,809

A.—OREGON, BY TOTALS OF COUNTIES.

The State.....	1,080	6,812,056	3,280	96	97	1,667,046	6,954,436	10,931,232
COUNTIES.								
Baker.....	26	83,150	33	15	450	67,917	119,883	
Benton.....	52	174,100	69	25	963	154,249	269,462	
Clackamas.....	59	787,475	482	20	127	616,625	1,251,691	
Clatsop.....	28	131,900	73	38	780	166,151	268,987	
Col umbia.....	8	72,800	28	11	540	90,230	135,755	

TABLE LII.—Manufactures: 1880—A.—OREGON—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Cooe.....	30	211,000	77	1	1	30,696	183,907	277,768
Curry.....	67	277,125	100			32,945	232,928	384,820
Douglas.....	19	53,800	30			9,222	61,650	97,701
Grant.....	37	219,800	91	8	1	53,280	181,877	296,721
Jackson.....	13	25,150	10			2,475	20,575	34,413
Josephine.....	29	57,850	32			9,384	43,210	80,040
Lake.....	49	227,650	68	2	10	29,112	240,590	336,576
Linn.....	118	485,526	217	8	10	98,297	617,061	976,721
Marion.....	111	608,330	200	6	4	147,945	1,095,920	1,424,979
Multnomah.....	162	1,958,025	1,050	48	50	790,878	1,567,246	2,867,271
Polk.....	49	158,650	96		2	30,235	193,470	288,231
Tillamook.....	3	15,900	4			1,790	5,100	10,309
Umatilla.....	26	180,500	60			32,841	281,233	374,465
Union.....	48	172,925	89	1		31,654	151,571	251,973
Wasco.....	45	150,850	217		2	154,314	404,227	657,306
Washington.....	30	104,990	84	2	5	25,073	162,445	223,845
Yam Hill.....	71	174,650	89		1	28,165	246,020	363,642

B.—OREGON, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	1,080	6,312,056	3,280	96	97	1,667,046	6,954,436	10,931,232
Flouring- and grist-mill products.....	106	1,286,200	307			139,882	2,978,714	3,475,531
Foundry and machine-shop products.....	16	260,500	173		8	139,022	121,911	352,300
Lumber, sawed.....	228	1,577,875	566		13	242,151	1,331,342	2,030,463
Saddlery and harness.....	46	190,050	111		2	63,707	222,850	385,350
Sash, doors, and blinds.....	20	230,400	94			71,031	148,980	233,032
Slaughtering and meat-packing.....	9	66,800	37			17,120	205,517	264,712
Tinware, copperware, and sheet-iron ware.....	46	233,150	94		1	64,006	151,475	311,650
Woolen goods.....	10	566,800	166	33	17	86,628	227,486	519,030
All other industries.....	509	1,910,231	1,732	63	56	843,976	1,571,661	3,298,564

A.—PENNSYLVANIA, BY TOTALS OF COUNTIES.

The State.....	31,232	474,516,903	284,359	73,046	20,687	134,055,904	465,020,563	744,818,445
COUNTIES.								
Adams.....	276	486,770	394	44	19	59,329	621,937	876,130
Allegheny.....	1,895	70,641,426	42,813	2,361	3,933	22,671,551	61,739,293	105,272,739
Armstrong.....	200	1,918,656	975	69	73	496,951	1,348,564	2,328,557
Beaver.....	200	2,872,565	2,321	162	298	902,750	2,325,707	4,651,638
Bedford.....	184	1,360,993	567	3	20	155,638	1,213,992	1,747,017
Berks.....	1,044	12,522,140	8,307	890	811	3,077,919	13,028,231	20,143,164
Blair.....	254	8,017,569	2,068	38	56	677,571	2,752,243	4,233,552
Bradford.....	466	1,910,434	1,589	26	63	527,421	2,508,503	3,700,801
Bucks.....	501	3,630,014	2,354	926	249	904,915	4,033,627	6,298,293
Butler.....	292	744,680	521	24	11	148,794	603,030	1,080,290
Cambria.....	272	9,964,245	4,242	139	260	1,860,869	9,056,377	16,150,835
Cameron.....	24	594,569	191		10	69,331	635,880	1,017,701
Carbon.....	89	980,865	665	3	25	123,502	861,758	1,400,870
Centre.....	345	3,165,470	1,655	9	106	563,569	2,337,684	3,591,327
Chester.....	737	6,411,853	4,141	359	331	1,749,350	6,674,978	10,404,331

TABLE LII.—Manufactures: 1890—A.—PENNSYLVANIA—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Clarion	228	1,168,897	632	1	18	143,616	628,484	992,582
Clearfield	261	2,778,227	1,230	11	30	366,147	1,661,859	2,584,339
Clinton	186	1,495,183	856	5	40	239,897	1,164,089	1,850,788
Columbia	221	1,219,505	842	37	18	260,024	1,147,040	1,746,084
Crawford	474	2,852,041	2,222	26	71	742,834	2,797,911	4,373,884
Cumberland	308	2,266,409	1,658	189	45	535,068	1,727,681	2,850,640
Dauphin	614	9,817,959	5,777	294	260	2,044,189	10,443,042	15,594,115
Delaware	416	14,255,729	6,699	2,885	1,788	3,839,838	11,262,964	19,601,493
Elk	92	2,362,310	1,192			262,384	1,517,559	2,414,791
Erie	559	6,424,413	4,584	257	897	1,869,466	6,646,427	10,463,906
Fayette	274	4,157,207	2,029	21	77	1,221,785	2,857,098	5,004,560
Forest	25	1,162,150	322	3	2	91,672	416,897	613,631
Franklin	403	2,003,679	1,489	46	46	391,161	1,872,975	2,825,138
Fulton	68	239,868	104			17,170	223,107	296,887
Greene	127	428,105	324	7	13	70,855	433,127	626,272
Huntingdon	245	3,267,612	917	17	30	230,245	1,871,761	2,496,918
Indiana	279	890,460	655	16	53	169,741	825,474	1,252,325
Jefferson	189	1,282,650	557	4	19	113,412	679,684	1,003,145
Juniata	93	224,170	153	1	8	25,578	243,033	325,142
Lackawanna	352	5,616,017	3,653	472	292	1,558,374	8,105,156	10,684,179
Lancaster	1,437	10,481,798	6,848	1,334	658	2,250,226	9,573,262	14,809,330
Lawrence	167	2,192,765	1,586	37	88	717,914	2,801,664	4,101,758
Lebanon	273	2,617,950	1,887	24	44	551,010	2,857,277	4,179,082
Lehigh	473	12,850,472	4,799	576	377	1,690,776	9,352,199	14,097,475
Luzerne	490	3,706,968	1,962	239	79	687,458	2,733,317	4,397,075
Lycoming	612	6,968,462	4,110	149	251	1,221,510	5,886,083	9,184,295
McKean	241	1,470,575	1,567	12	10	585,241	1,729,466	2,991,467
Mercer	349	3,796,641	2,851	39	209	1,170,915	5,377,565	7,952,874
Midlin	169	1,378,080	886	16	36	298,472	1,527,681	2,298,170
Monroe	131	1,604,625	707	57	61	252,896	1,662,199	2,331,884
Montgomery	840	13,789,461	7,459	3,078	1,197	3,598,268	13,189,707	20,658,093
Montour	113	2,387,902	1,578	1	151	573,196	2,493,840	3,549,376
Northampton	531	9,955,966	5,264	31	302	1,922,027	9,272,417	13,901,276
Northumberland	226	2,023,575	1,600	16	95	510,791	2,341,762	3,399,197
Perry	204	1,358,835	859	7	35	274,250	1,571,432	2,205,048
Philadelphia	8,567	187,148,857	112,075	56,818	15,634	61,265,966	199,155,477	324,342,935
Pike	46	311,909	239		7	75,862	267,884	454,990
Potter	9	206,107	343		4	48,016	320,006	440,022
Schuylkill	480	4,851,058	3,028	251	123	1,016,641	4,169,130	6,047,336
Snyder	115	355,068	187	1	10	38,623	465,280	629,007
Somerset	248	839,071	628	15	47	113,483	719,314	1,089,719
Sullivan	69	858,420	342		1	95,010	744,342	1,004,443
Susquehanna	332	2,026,983	1,161	33	10	303,163	2,484,482	3,669,796
Tioga	285	1,818,085	1,368	11	14	321,257	2,294,697	3,458,656
Union	130	678,984	385	32	10	93,117	519,990	866,437
Venango	120	782,856	820	17	17	268,795	841,166	1,421,920
Warren	267	2,785,055	1,829	27	43	510,221	2,894,313	4,197,281
Washington	814	985,364	699	13	16	257,163	1,257,144	1,810,581
Wayne	282	2,830,637	1,576	61	97	506,864	2,127,343	3,458,441
Westmoreland	382	3,714,462	2,277	60	166	885,162	2,810,875	4,978,538
Wyoming	124	780,725	362	1	4	84,444	1,278,277	1,794,958
York	859	3,537,375	2,821	453	281	893,920	3,932,183	5,879,565

TABLE LIII.—Manufactures: 1880—PENNSYLVANIA—Continued.

B.—PENNSYLVANIA, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
All industries.....	31,232	474,510,993	284,259	73,046	29,667	134,055,904	465,020,563	744,818,445
Agricultural implements ..	220	3,452,923	2,540	.....	77	898,608	1,788,420	3,686,212
Bags, other than paper.....	7	202,000	54	117	.....	43,215	482,820	560,500
Bags, paper.....	15	353,600	123	277	6	107,876	618,027	832,478
Belt and hose, leather ..	9	280,500	76	.....	6	42,465	307,371	476,545
Blacking.....	5	225,000	51	97	5	48,048	221,061	485,706
Bone, ivory, and lamp-black	5	428,350	79	2	16	30,700	214,075	286,750
Bookbinding and blank-book making.	74	890,775	867	829	148	585,780	727,166	1,703,206
Boot and shoe findings.....	20	121,950	94	107	6	62,088	140,072	253,668
Boots and shoes.....	145	3,627,840	5,085	2,442	318	2,520,976	5,425,844	9,530,002
Boxes, cigar.....	61	174,322	135	93	45	63,743	173,916	332,124
Boxes, fancy and paper.....	47	438,450	227	1,228	56	281,445	401,378	894,565
Boxes, wooden, packing.....	61	486,270	502	28	75	220,550	605,455	977,725
Brass castings.....	63	1,578,901	1,009	19	80	456,748	1,344,931	2,204,684
Brass and copper, rolled ..	2	600,000	94	.....	5	80,000	435,000	640,000
Bread and other bakery products.	1,263	3,919,033	2,023	384	197	1,315,677	5,263,591	8,448,474
Brick and tile.....	521	5,028,524	7,135	6	1,285	2,077,168	1,322,758	4,813,153
Bridges.....	7	720,400	859	.....	13	425,290	1,071,836	1,737,932
Bronze castings.....	5	126,250	50	.....	1	27,072	422,170	545,876
Brooms and brushes ..	122	626,215	725	88	252	292,356	678,753	1,203,881
Buttons.....	18	150,000	324	160	133	167,613	146,585	387,554
Cardboard.....	1	230,000	63	106	37	50,000	300,000	450,000
Carpets, other than rag.....	172	7,210,483	5,731	2,384	774	3,035,371	8,992,385	14,304,600
Carpets, rag.....	143	142,542	322	22	36	162,054	243,444	440,825
Carriage and wagon materials.	47	485,616	458	.....	12	159,453	325,916	634,777
Carrriages and wagons.....	301	3,627,023	3,875	5	54	1,584,035	2,059,819	4,760,723
Cars, railroad, street, and repairs.	49	2,946,912	3,850	2	48	1,352,293	6,032,114	8,082,272
Cheese and butter.....	146	395,020	253	43	8	51,943	653,368	915,468
Clothing, horse.....	2	407,000	68	482	.....	133,800	443,200	680,000
Clothing, men's.....	876	10,816,742	8,791	13,328	91	5,127,682	15,332,253	21,021,887
Clothing, women's.....	75	941,050	351	2,878	99	618,603	1,776,610	2,977,810
Coffee and spices, roasted and ground.	32	885,000	171	121	5	118,383	2,240,980	2,652,880
Coffins, burial cases, and undertakers' goods.	105	681,425	547	38	5	229,036	425,267	903,074
Coke.....	104	4,262,525	2,379	3	62	983,431	2,241,154	4,190,136
Confectionery.....	283	1,718,690	1,036	531	204	512,141	2,353,774	3,564,934
Cooperage.....	249	1,355,335	1,845	2	174	671,464	2,126,784	3,256,552
Coppersmithing.....	11	148,950	65	24	1	51,654	148,849	255,423
Cordage and twine.....	33	1,289,250	395	240	247	274,282	1,437,026	2,080,721
Cork cutting.....	11	470,550	141	146	63	97,764	473,200	703,500
Cotton goods.....	189	15,450,735	5,990	8,232	3,341	4,683,617	12,500,217	21,640,397
Crucibles.....	7	440,250	92	.....	7	57,500	434,271	577,189
Cutlery and edge tools.....	61	2,555,610	2,024	46	106	882,612	1,148,138	2,614,239
Dentists' materials.....	4	713,000	253	60	11	150,175	159,000	564,000
Drugs and chemicals.....	75	11,630,812	2,362	340	76	1,300,238	8,245,297	13,082,563
Dyeing and finishing textiles.	60	3,884,846	1,926	248	424	1,041,309	2,393,296	6,253,892
Dyestuffs and extracts.....	6	432,000	107	.....	.....	50,185	269,090	452,979
Fancy articles.....	13	154,769	129	89	14	70,365	130,012	255,406
Felt goods.....	1	150,000	167	75	20	80,000	250,000	450,000
Fertilizers.....	45	831,515	873	.....	3	137,955	981,987	1,433,245
Files.....	26	488,500	508	19	80	232,593	216,543	580,443
Flouring and grist-mill products.	2,873	20,228,601	4,422	1	11	1,105,939	36,291,033	41,522,662
Food preparations.....	10	376,500	100	83	16	61,127	226,722	371,003
Foundry and machine-shop products.	748	28,932,140	22,907	79	808	10,263,821	17,636,353	35,029,673
Fruits and vegetables, canned and preserved.	14	267,925	91	171	39	67,202	469,326	608,000
Furnishing goods, men's.....	22	124,740	61	336	36	88,260	318,736	501,007

TABLE LII.—*Manufactures: 1880—B.—PENNSYLVANIA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 15 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Furniture	718	5,445,940	4,928	92	179	2,090,089	3,725,989	7,568,229
Furniture, chairs	45	111,700	273	14	47	143,037	186,071	437,010
Furs, dressed	16	238,000	50	153	5	59,253	262,869	496,700
Galvanizing	7	370,000	241	5	5	112,123	720,295	976,875
Gas and lamp fixtures	5	251,500	233	43	11	123,759	93,085	355,228
Gas machines and meters ..	11	471,500	361	7	15	154,103	227,498	475,804
Glass	78	7,639,766	6,099	294	2,491	3,897,906	3,359,669	8,729,584
Glue	13	1,810,400	498	90	51	184,950	1,376,821	1,903,470
Gold and silver leaf and foil ..	8	237,000	157	157	10	135,900	344,150	525,344
Gold and silver, reduced and refined.	2	20,500	13	.....	4	9,130	200,800	251,500
Grease and tallow	27	322,075	110	.....	1	56,223	1,416,614	1,071,265
Gunpowder	11	858,969	157	8	3	73,871	420,894	693,854
Hardware	68	1,980,729	2,184	41	350	892,032	1,761,884	3,725,526
Hats and caps	70	820,553	1,255	561	52	711,159	1,082,079	2,342,324
High explosives	11	76,025	73	.....	.....	39,837	190,763	369,220
Hosiery and knit goods	106	3,744,790	2,337	5,570	1,965	2,176,913	4,924,128	8,935,147
Ink	12	398,800	81	8	11	62,608	180,375	362,550
Instruments, professional and scientific.	26	347,086	224	7	14	137,798	87,307	349,126
Iron and steel	366	107,304,782	54,637	12	3,303	25,095,850	92,297,030	145,576,268
Iron bolts, nuts, washers, and rivets.	17	1,444,500	1,806	60	278	521,625	1,571,456	2,636,366
Iron forgings	19	558,500	594	.....	38	264,749	607,125	1,110,166
Iron nails and spikes, cut and wrought.	9	122,450	83	14	7	37,849	296,410	291,927
Iron pipe, wrought	12	3,864,565	3,151	1	183	996,567	6,141,797	8,418,975
Ivory and bone work	11	209,750	253	29	64	113,888	152,599	358,019
Jewelry	33	485,256	394	24	32	230,902	437,416	846,756
Lard, refined	2	350,000	65	6	.....	29,631	1,135,000	1,231,000
Lead, bar, pipe, sheet, and shot.	4	665,000	89	.....	2	49,076	820,500	1,008,000
Leather, curried	455	2,570,969	827	4	15	334,950	6,639,432	7,852,177
Leather, dressed skins	56	2,589,347	2,071	103	89	1,158,898	4,896,982	6,746,044
Leather, tanned	642	15,608,635	5,511	12	39	1,967,946	19,716,236	27,042,093
Lightning-rods	3	255,000	58	.....	.....	25,479	338,500	481,000
Lime	70	471,610	579	.....	10	141,857	174,979	466,532
Liquors, distilled	70	2,198,753	334	.....	.....	133,745	1,216,120	1,850,448
Liquors, malt	291	12,073,068	2,439	.....	13	1,200,289	5,765,837	10,124,343
Lithography	24	659,550	483	65	59	269,611	259,627	705,003
Looking-glass and picture frames.	74	799,793	696	19	75	330,660	610,641	1,276,471
Lumber, planed	200	3,250,225	2,142	6	61	758,281	2,749,846	4,602,753
Lumber, sawed	2,827	21,418,588	14,443	8	463	2,918,459	13,955,430	22,457,859
Malt	26	2,522,000	309	1	.....	168,892	1,734,701	2,333,348
Mantels, slate, marble, and marbleized.	15	145,800	171	.....	4	77,792	127,513	269,106
Marble and stone work	321	2,476,752	2,185	1	11	970,026	1,467,475	3,135,851
Matches	5	237,800	39	66	11	29,931	106,592	311,500
Mattresses and spring beds ..	27	123,850	119	46	15	51,263	252,990	362,599
Millinery and lace goods	40	503,390	85	1,139	54	205,942	1,063,779	1,818,578
Mineral and soda waters	33	192,800	206	.....	22	83,044	181,095	340,433
Mixed textiles	126	11,536,418	5,361	6,971	1,936	4,225,682	12,202,028	20,862,764
Oilcloth, floor	2	923,550	374	2	10	169,684	646,785	1,219,871
Oil, linseed	9	409,200	59	5	.....	29,816	596,500	697,205
Oil, lubricating	9	85,500	82	2	.....	41,593	568,411	642,370
Oleomargarine	1	100,000	45	16	3	26,000	192,946	298,856
Paints	46	3,128,192	791	26	7	394,437	2,657,897	3,674,043
Paperhangings	4	820,000	263	1	137	161,120	384,282	708,979
Paper, not specified	78	4,099,000	1,481	553	47	732,151	3,183,168	5,355,912
Patent medicines and compounds.	53	2,076,100	259	189	7	194,524	734,262	2,606,658
Pickles, preserves, and sauces.	7	84,248	55	15	1	25,179	167,096	268,812
Pocket-books	5	250,000	271	203	48	120,000	219,500	412,000
Printing and publishing	371	8,962,320	5,897	625	1,180	3,274,969	4,157,045	10,229,893
Roofing and roofing materials.	116	451,955	513	3	6	219,953	394,442	798,999
Saddlery and harness	781	1,801,402	1,542	54	39	540,772	1,265,482	2,505,250
Safes, doors, and vaults, fire-proof.	7	176,000	159	.....	1	93,854	106,455	259,508

TABLE LII.—*Manufactures: 1880—B.—PENNSYLVANIA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Sash, doors, and blinds	109	1,989,198	1,501	1	45	627,674	1,480,004	2,513,607
Saws	7	1,518,009	1,115	6	134	629,140	634,897	1,654,200
Sewing machines and attachments.	7	1,175,800	440	8	51	226,000	225,190	625,550
Shipbuilding	125	5,737,731	3,298	—	—	2,279,629	3,610,567	6,689,470
Shirts	61	785,091	242	2,597	85	614,924	1,182,154	2,095,761
Shoddy	11	186,000	90	40	13	47,441	510,977	655,895
Silk and silk goods	40	1,379,900	1,000	1,870	319	678,120	1,820,985	3,491,840
Slaughtering and meat-packing.	35	2,938,625	531	—	21	242,977	8,854,778	9,908,545
Soap and candles	78	1,873,971	490	62	35	331,677	1,809,904	2,715,771
Springs, steel, car, and carriage.	12	600,100	361	—	28	180,613	768,059	1,138,895
Stationery goods	26	203,500	324	34	61	111,310	338,920	556,473
Steam fittings and heating apparatus.	14	251,300	259	—	11	112,980	255,838	506,962
Stone- and earthen-ware	97	670,545	634	85	93	254,082	202,011	655,109
Sugar and molasses, refined.	11	6,072,000	1,073	—	5	474,017	21,843,945	24,294,929
Tinware, copperware, and sheet-iron ware.	1,010	3,223,838	3,093	128	185	1,325,010	2,735,514	5,442,555
Tobacco, chewing, smoking, and snuff.	11	398,676	136	122	16	71,684	572,456	910,204
Tobacco, cigars, and cigarettes.	1,377	2,934,819	5,064	1,329	564	1,885,530	3,144,977	6,906,603
Tools	22	1,657,182	752	—	—	339,656	291,452	833,973
Toys and games	14	172,100	270	102	175	107,328	96,425	306,086
Trunks and valises	24	114,900	148	—	8	66,835	175,172	306,742
Type founding	4	810,000	279	2	23	146,694	89,400	417,132
Umbrellas and canes	33	1,379,050	621	999	166	481,847	1,788,464	2,822,244
Upholstering	107	266,900	294	103	20	103,366	397,258	784,020
Varnish	11	341,800	69	—	7	34,865	201,275	372,310
Watch cases	11	553,173	433	54	12	243,723	534,480	1,013,189
Wire	5	500,500	196	13	—	58,108	269,828	378,688
Wirework	35	246,850	362	1	55	119,000	500,241	763,832
Wooden ware	22	353,500	268	—	65	126,756	173,448	387,302
Wood pulp	2	510,000	205	—	—	97,000	200,006	463,195
Wood, turned and carved.	55	324,650	445	18	63	173,524	199,797	496,100
Woolen goods	324	18,780,804	8,891	6,809	2,489	5,254,328	21,185,804	32,341,201
Wool hats	23	797,500	726	230	133	317,987	1,034,652	1,717,826
Worsted goods	28	4,959,639	1,073	2,378	949	1,473,953	7,277,489	10,072,473
Zinc	2	1,065,000	184	—	8	81,020	238,859	377,280
All other industries	9,379	18,565,106	23,921	2,716	1,218	9,743,161	16,321,145	35,779,773

A.—RHODE ISLAND, BY TOTALS OF COUNTIES.

The State	2,205	75,573,943	37,060	18,270	7,548	21,355,619	58,103,443	104,163,621
COUNTIES.								
Bristol	90	2,520,950	1,574	857	258	761,016	2,637,164	4,110,262
Kent	126	6,205,628	2,355	1,715	1,104	1,514,728	3,977,934	8,481,418
Newport	111	712,850	834	200	66	539,763	1,062,716	1,851,428
Providence	1,683	61,299,603	29,267	13,905	5,618	17,229,126	46,236,937	82,083,318
Washington	195	4,837,712	2,430	1,593	502	1,310,966	4,188,692	7,637,195

B.—RHODE ISLAND, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,205	75,573,943	37,060	18,270	7,548	21,355,619	58,103,443	104,163,621
Boots and shoes, rubber....	2	325,000	508	130	51	225,025	1,031,339	1,455,420
Bread and other bakery products.	51	270,100	391	28	3	158,389	561,138	869,188

TABLE LII.—*Manufactures: 1880—B.—RHODE ISLAND—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Cardboard	2	100,000	33	8	15	26,378	172,644	271,441
Carriages and wagons	51	181,505	192	.....	1	95,021	130,269	301,259
Clothing, men's	58	899,277	455	586	37	423,717	1,138,144	1,980,330
Cotton goods	133	20,260,734	8,471	9,567	4,038	5,623,933	13,300,149	24,609,461
Drugs and chemicals	13	472,500	239	70	.....	142,099	584,438	847,378
Dyeing and finishing textiles	16	5,912,500	2,140	430	400	1,093,727	2,315,062	6,874,254
Files	9	540,600	484	11	25	206,220	226,525	659,178
Fire-arms	1	360,000	553	.....	23	264,248	550,785	991,111
Flouring- and grist-mill products	48	579,600	108	.....	.....	46,870	981,861	1,187,090
Foundry and machine-shop products	94	4,823,867	4,411	109	75	2,072,143	2,687,484	6,281,707
Furniture	27	283,950	388	16	5	208,509	501,401	840,437
Gold and silver, reduced and refined	6	138,000	25	.....	.....	18,627	1,366,471	1,421,100
Hardware	7	164,800	217	.....	9	101,059	93,484	254,243
Iron pipe, wrought	3	125,000	150	.....	.....	82,412	172,375	275,252
Iron and steel	3	630,000	200	.....	75	130,909	375,347	488,040
Jewelry	148	2,836,620	2,568	714	188	1,688,016	2,590,011	5,650,133
Leather, tanned	4	368,600	112	.....	.....	55,604	500,370	638,000
Liquors, malt	4	165,000	90	.....	.....	39,410	226,044	398,743
Marble and stone work	39	346,000	354	1	8	155,011	110,290	374,900
Mixed textiles	16	1,591,000	817	663	163	488,068	1,520,099	2,718,822
Oil, cottonseed and cake	3	125,000	32	3	.....	14,893	415,820	458,085
Patent medicines and compounds	24	474,500	107	23	6	72,609	330,864	772,942
Plated and britannia ware	2	1,025,000	310	15	.....	189,200	611,300	972,000
Printing and publishing	32	361,850	308	18	68	280,900	218,120	674,025
Rubber and elastic goods	2	710,000	687	320	.....	313,715	1,617,000	2,217,000
Sash, doors, and blinds	11	156,500	130	.....	10	59,067	184,080	296,443
Screws	1	3,250,000	467	356	241	289,157	504,684	1,667,072
Shipbuilding	22	227,700	318	.....	.....	194,662	265,893	517,041
Slaughtering and meat-packing	9	598,000	178	.....	7	97,302	8,440,816	3,870,740
Tinware, copperware, and sheet-iron ware	75	224,150	282	8	3	153,674	261,473	561,515
Woolen goods	50	8,448,700	4,312	2,648	1,161	2,480,907	9,138,429	15,410,450
Worsted goods	11	4,567,416	1,559	1,739	706	1,222,350	3,941,883	6,177,754
All other industries	1,230	5,032,474	5,460	812	233	2,690,982	6,007,388	11,523,591

A.—SOUTH CAROLINA, BY TOTALS OF COUNTIES.

The State	2,078	11,205,894	13,687	1,023	1,118	2,836,289	9,885,538	16,738,008
COUNTIES.								
Abbeville	81	132,555	152	.....	4	24,288	302,104	388,963
Aiken	63	1,993,170	502	437	301	260,140	1,144,673	1,812,551
Anderson	106	196,570	204	26	10	44,154	261,714	378,303
Barnwell	92	116,250	241	.....	2	22,347	145,747	214,673
Beaufort	23	530,250	951	1	1	201,862	343,496	606,411
Charleston	250	4,631,450	4,548	181	374	1,145,772	2,538,273	5,158,112
Chester	53	62,835	92	.....	2	17,792	154,157	203,126
Chesterfield	34	68,100	441	1	6	63,072	67,900	192,430
Clarendon	33	72,000	345	.....	2	50,552	64,581	168,948
Colleton	34	149,899	673	37	11	104,521	133,395	304,380
Darlington	53	88,200	255	.....	.....	41,569	192,167	290,965
Edgefield	79	121,860	178	.....	4	23,899	250,069	338,165
Fairfield	30	51,100	124	.....	.....	19,603	75,322	116,791
Georgetown	21	230,875	282	20	20	60,227	265,495	431,891
Greenville	130	812,365	525	196	208	169,433	897,249	1,413,556

TABLE LII.—Manufactures: 1880—A.—SOUTH CAROLINA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Hampton	24	95,350	263	.....	5	41,422	137,645	250,377
Horry	30	67,895	158	1	1	35,974	94,508	227,275
Kershaw	39	99,806	517	.....	.....	31,602	142,305	219,830
Lancaster	24	57,590	43	.....	.....	5,256	143,789	177,401
Laurens	52	74,685	93	.....	.....	10,390	167,713	199,623
Lexington	83	140,945	156	10	10	21,285	152,819	228,632
Marion	75	142,440	450	1	1	44,080	174,615	361,097
Marlborough	33	59,559	85	.....	1	10,650	124,200	156,131
Newberry	52	73,925	145	.....	4	21,067	172,012	233,187
Oconee	51	89,400	129	6	8	17,000	112,657	176,893
Orangeburgh	43	75,450	275	.....	8	23,614	83,871	143,603
Pickens	55	37,230	60	.....	1	6,190	98,658	123,555
Richland	81	165,785	388	4	28	102,625	201,799	413,391
Spartanburgh	107	267,778	278	97	79	71,414	409,554	610,125
Sumter	73	112,469	505	3	8	61,915	190,496	342,910
Union	41	95,620	96	1	.....	13,525	153,571	197,813
Williamsburgh	53	93,829	313	.....	1	29,640	150,423	254,654
York	72	137,475	145	.....	2	22,981	328,221	412,120

B.—SOUTH CAROLINA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,078	11,205,894	13,687	1,023	1,118	2,836,223	9,885,538	16,738,008
Cotton goods	14	2,770,100	661	772	585	380,844	1,898,300	2,895,769
Fertilizers	28	3,493,300	2,679	19	70	576,580	1,297,204	2,691,053
Flouring- and grist-mill products	720	1,339,269	1,048	1	3	123,352	3,205,485	3,779,470
Foundry and machine-shop products	18	179,850	283	.....	31	90,440	137,380	289,502
Lumber, sawed	420	1,656,365	1,431	.....	37	221,963	1,237,361	2,031,507
Printing and publishing	14	132,706	194	35	13	115,947	89,450	299,520
Tar and turpentine	192	565,290	4,512	52	55	555,460	666,179	1,893,206
All other industries	672	1,663,120	2,879	153	324	755,694	1,384,170	2,857,981

A.—TENNESSEE, BY TOTALS OF COUNTIES.

The State	4,226	20,092,815	19,575	1,196	1,674	5,254,775	22,894,262	37,074,886
COUNTIES.								
Anderson	14	18,150	27	.....	2	3,223	26,910	37,561
Bedford	112	267,892	276	31	31	51,183	441,383	606,737
Benton	15	20,100	38	.....	.....	5,969	28,715	51,987
Bedsoe	10	7,521	12	.....	.....	1,639	12,296	17,869
Blount	42	124,760	103	36	15	22,266	167,358	236,535
Bradley	35	84,175	90	.....	2	19,540	208,070	266,316
Campbell	14	7,335	15	.....	.....	1,490	14,490	20,225
Cannon	25	52,560	42	.....	.....	6,560	95,870	128,195
Carroll	41	137,200	80	.....	.....	13,951	168,130	152,732
Carter	69	121,015	334	12	5	34,221	197,135	366,893
Cheatham	35	150,236	96	.....	9	19,216	87,328	139,007
Claiborne	32	50,375	28	.....	.....	4,096	63,947	88,425
Clay	4	18,300	22	.....	.....	4,255	18,105	27,567
Cooke	25	86,037	70	.....	.....	11,431	70,293	95,999
Coffee	18	135,100	109	16	21	27,804	163,059	249,600

TABLE LII.—*Manufactures*: 1880—A.—TENNESSEE—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Crockett	36	60,435	91	—	—	14,480	96,880	141,153
Cumberland	6	7,200	8	—	1	465	1,870	4,470
Davidson	352	4,110,345	4,133	538	474	1,388,601	5,841,841	9,385,211
Decatur	5	106,000	73	—	1	10,930	16,042	30,947
De Kalb	59	62,735	95	—	2	11,863	122,760	175,277
Dickson	16	184,600	173	6	16	45,070	66,544	134,388
Dyer	23	51,100	83	—	9	13,250	148,075	195,980
Fayette	30	49,065	61	—	3	8,982	51,216	83,714
Fentress	3	5,000	12	—	—	1,625	14,573	19,630
Franklin	51	111,400	126	3	10	20,109	159,229	219,974
Gibson	71	190,415	268	3	11	63,289	336,148	500,072
Giles	140	207,156	243	12	37	44,874	283,400	426,640
Grainger	31	35,875	38	—	—	3,607	44,172	60,544
Greene	123	277,470	161	9	7	25,985	223,518	335,541
Grundy	16	157,700	147	—	—	40,443	98,437	194,350
Hamblen	57	86,388	92	—	—	18,864	165,538	218,700
Hamilton	58	2,045,000	1,953	7	163	568,508	2,056,432	3,230,006
Hancock	18	12,005	21	—	2	3,320	31,241	43,475
Hardeman	48	72,120	70	—	2	12,600	99,988	141,597
Hardin	31	65,400	68	—	1	8,335	65,070	97,904
Hawkins	91	93,745	123	7	—	18,371	203,463	271,385
Haywood	25	68,400	109	—	4	30,294	207,097	316,766
Henderson	29	41,735	39	—	3	3,994	75,994	100,872
Henry	61	326,525	208	57	18	51,941	427,504	602,220
Hickman	30	147,335	63	36	20	18,025	123,135	185,525
Houston	11	51,595	89	—	2	18,225	56,521	95,958
Humphreys	35	86,728	122	4	9	15,810	105,086	162,195
Jackson	23	32,980	39	—	1	5,080	33,562	49,147
James	11	17,950	16	—	—	2,509	30,074	40,164
Jefferson	25	45,440	43	—	1	5,975	144,742	186,465
Johnson	27	88,550	183	2	6	23,132	39,002	77,328
Knox	136	957,440	786	9	179	320,121	1,066,061	1,629,045
Lake	4	20,400	52	—	—	7,729	27,250	42,500
Lauderdale	33	45,450	92	—	—	9,859	66,471	93,293
Lawrence	27	211,136	216	81	42	61,734	122,792	197,851
Lewis	2	3,300	9	—	2	975	2,100	4,200
Lincoln	97	212,000	231	16	31	44,127	334,803	464,950
Loudon	55	177,665	116	17	17	33,270	185,091	298,255
McMinn	58	165,175	95	24	7	24,745	168,042	242,149
McNairy	15	28,700	43	—	1	4,638	52,059	65,906
Macon	36	57,165	69	—	1	8,807	83,976	131,546
Madison	73	246,700	272	2	12	70,762	333,947	567,160
Marion	25	400,165	309	—	11	101,715	305,794	513,968
Marshall	30	67,700	77	—	—	10,171	112,326	144,006
Maury	134	277,896	296	—	5	59,116	387,012	571,549
Meigs	42	44,280	50	—	1	7,332	85,132	116,289
Monroe	59	70,050	82	4	1	12,224	73,543	107,564
Montgomery	64	376,250	458	49	110	136,410	544,308	812,841
Moore	40	78,450	61	—	1	12,141	89,029	134,835
Morgan	6	5,400	7	—	1	1,100	7,350	12,100
Obion	49	280,600	369	4	57	125,350	386,387	644,542
Overton	13	18,100	25	—	2	2,695	20,876	32,525
Perry	21	66,030	60	—	1	11,051	161,364	221,173
Polk	5	10,850	8	—	—	1,460	21,450	25,811
Putnam	20	25,425	38	—	1	5,050	33,697	50,550
Rhea	1	10,000	3	—	—	1,000	24,000	27,500
Roane	48	787,268	461	—	31	88,452	221,456	348,426
Robertson	87	344,885	357	—	—	48,571	358,213	558,580
Rutherford	98	181,755	285	2	16	73,488	419,149	614,292
Scott	2	6,500	4	—	—	800	11,740	14,089

TABLE LII.—*Manufactures*: 1880—A.—TENNESSEE—Continued.

Counties.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Sequatchie.....	6	7,900	4			490	14,550	19,150
Sevier.....	34	50,540	37			5,263	33,945	55,264
Shelby.....	186	2,452,425	2,278	69	89	870,566	2,640,910	4,759,091
Smith.....	59	86,140	96			11,153	155,955	207,753
Stewart.....	22	597,465	310		51	31,238	85,767	111,642
Sullivan.....	125	244,177	298	36	21	57,893	298,513	466,680
Sumner.....	67	198,646	194	41	30	48,348	212,856	342,387
Tipton.....	25	38,325	67		2	11,351	71,500	104,889
Trousdale.....	17	23,378	12			1,592	24,005	33,665
Unicoi.....	1	1,000						
Union.....	20	30,120	26		2	4,157	71,825	91,145
Van Buren.....	5	5,900	7			960	8,108	12,122
Warren.....	56	200,893	142	49	27	38,630	269,752	308,264
Washington.....	93	162,598	153	2	2	28,389	263,930	376,107
Wayne.....	30	120,230	48			6,350	48,274	67,998
Weakley.....	39	80,050	104		10	23,197	140,743	205,079
White.....	35	49,585	69		4	11,634	80,579	118,768
Williamson.....	79	124,575	185	8	1	24,055	362,071	413,785
Wilson.....	114	206,595	308		25	64,936	341,149	525,389

B.—TENNESSEE, BY SELECTED INDUSTRIES.

MECHANICAL AND MANU- FACTURING INDUSTRIES.								
All industries.....	4,326	20,092,845	19,575	1,106	1,674	5,254,775	23,834,262	37,074,886
Bread and other bakery products.....	18	120,180	116	6	9	45,300	214,374	335,917
Brick and tile.....	90	343,354	1,224	7	323	247,227	189,508	523,113
Carriages and wagons.....	51	715,050	912	2	11	219,998	580,360	1,253,721
Cars, railroad, street, and repairs.....	3	173,000	199			69,560	161,500	251,000
Clothing, men's.....	14	40,200	111	242	10	87,600	123,300	277,575
Confectionery.....	10	89,560	87	78	12	35,450	266,500	361,225
Cotton compressing.....	3	539,060	172			102,825	152,670	311,750
Cotton goods.....	19	1,184,000	296	543	230	179,507	586,609	934,014
Flouring- and grist-mill products.....	900	3,595,585	1,847		2	376,399	9,070,421	10,784,804
Foundry and machine-shop products.....	50	551,950	738	2	26	269,272	610,824	1,191,531
Furniture.....	87	511,250	643	7	149	231,772	427,637	954,100
Iron and steel.....	43	3,631,776	2,738	10	369	659,773	1,376,059	2,274,203
Leather, curried.....	112	154,135	118		2	27,708	452,774	546,427
Leather, tanned.....	147	479,155	335		12	56,988	1,041,605	1,504,660
Liquors, distilled.....	63	379,373	136			43,341	353,776	540,729
Lumber.....	15	117,700	169		24	63,222	150,570	270,405
Lumber, sawed.....	755	2,004,505	3,577		141	519,223	2,142,885	3,744,905
Oil, cottonseed and cake.....	9	935,000	644		18	163,340	812,090	1,235,000
Printing and publishing.....	39	625,550	268	41	53	248,360	219,026	673,645
Saddlery and harness.....	89	180,166	382	1	31	123,912	308,295	505,135
Sash, doors, and blinds.....	8	183,500	103	1	3	80,100	132,330	268,930
Slaughtering and meat- packing.....	6	105,000	237			47,600	1,019,632	1,578,476
Tinware, copperware, and sheet-iron ware.....	70	385,750	374	10	7	134,367	346,290	710,813
Woolen goods.....	106	418,661	249	111	42	67,063	423,054	620,724
All other industries.....	1,512	2,011,814	3,779	133	252	1,193,735	2,727,603	5,554,384

TABLE LII.—*Manufactures: 1880—Continued.*

A.—TEXAS, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 2,906	Dollars. 9,245,561	No. 11,645	No. 116	No. 393	Dollars. 3,543,037	Dollars. 12,956,269	Dollars. 20,719,928
Anderson.....	24	47,500	147	.....	1	27,977	50,954	138,103
Angelina.....	3	6,475	12	.....	.....	927	3,250	6,350
Aransas.....	2	200,700	128	.....	.....	47,150	254,600	454,915
Archer (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Armstrong (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Atascosa (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Austin.....	55	71,910	161	.....	.....	29,341	86,262	151,673
Bandera.....	2	5,060	4	.....	.....	1,300	7,300	10,640
Bastrop.....	59	79,175	161	.....	.....	17,847	86,249	129,634
Baylor.....	1	300	.....	.....	.....	.....	300	800
Bee.....	6	4,800	3	.....	.....	755	2,350	5,700
Ball.....	45	139,042	93	2	.....	10,942	248,761	321,066
Bexar.....	72	310,300	301	13	48	137,811	328,526	643,112
Blanco.....	9	15,250	12	.....	.....	1,517	16,670	25,196
Borden (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Bosque.....	11	29,300	49	.....	.....	6,730	140,277	161,784
Bowie.....	25	186,725	185	2	8	47,911	228,027	417,840
Brazoria.....	1	250	2	.....	.....	50	450	550
Brazos.....	5	52,500	41	2	1	13,759	52,286	73,733
Briscoe (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Brown.....	7	25,049	18	.....	1	2,865	109,059	141,670
Burleson.....	6	8,200	14	.....	.....	1,810	9,969	12,490
Burnet.....	19	35,737	38	.....	4	5,791	77,186	97,427
Caldwell.....	28	52,850	48	.....	1	7,386	106,752	131,789
Callahan.....	1	300	2	.....	.....	1,200	1,400	3,000
Callahan.....	1	300	2	.....	.....	300	3,710	4,411
Cameron.....	2	16,250	10	.....	.....	5,000	2,600	15,050
Camp.....	14	25,150	25	.....	.....	3,625	24,608	37,134
Cass.....	64	146,720	289	.....	6	63,125	201,826	345,916
Chambers.....	4	2,850	10	.....	.....	1,510	3,520	6,550
Cherokee.....	32	39,650	79	.....	.....	9,902	72,810	97,956
Childress (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Clay.....	5	24,500	23	.....	.....	5,720	29,050	39,230
Coleman.....	3	4,200	6	2	.....	3,300	1,700	5,810
Collin.....	87	130,650	109	.....	1	26,894	218,354	291,831
Collingsworth (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	28	37,825	55	.....	3	14,100	50,100	84,260
Comal.....	48	168,500	68	8	1	84,815	149,017	231,331
Concho.....	18	37,195	29	.....	.....	8,580	109,830	144,792
Concho (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Cooke.....	25	47,525	105	.....	10	26,984	185,044	183,205
Coryell.....	12	35,000	34	.....	.....	6,700	83,400	100,640
Cottle (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Crockett (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Crosby (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Dallas.....	126	450,125	527	12	23	221,680	916,288	1,459,362
Dawson (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Deaf Smith (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Delta.....	9	11,625	13	.....	.....	1,477	12,270	16,610
Denton.....	22	65,420	64	.....	.....	11,645	74,576	104,344
De Witt.....	28	48,450	53	1	4	8,513	63,778	97,286
Dickens (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Dimmit.....	1	200	1	.....	.....	150	1,500	3,000
Donley (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Duval (a).....	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—TEXAS—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Eastland.....	9	21,500	20			2,416	28,161	35,343
Edwards (a).....	3	44,250	103			23,688	148,511	201,238
Ellis.....	4	25,500	19			5,200	81,630	105,303
El Paso.....								
Encinal (a).....								
Erath.....	14	31,900	49			6,953	53,813	72,158
Falls.....	12	16,750	20			5,553	11,425	22,300
Fannin.....	40	126,800	111		11	30,700	148,644	233,220
Fayette.....	74	113,448	150			23,882	120,038	131,844
Fisher (a).....								
Floyd (a).....								
Fort Bend.....	18	29,850	61			7,642	22,100	43,200
Franklin.....	15	28,450	62			10,363	29,930	56,650
Freestone.....	21	33,850	57			6,628	58,240	76,878
Frio (a).....								
Gaines (a).....								
Galveston.....	172	371,750	634	15	36	500,255	1,233,846	2,377,065
Garcia (a).....								
Gillespie.....	22	37,500	26			4,591	51,171	67,248
Goliad.....	6	7,200	10			3,134	5,225	12,547
Gonzales.....	31	61,800	66		3	9,790	55,406	77,053
Gray (a).....								
Grayson.....	77	345,900	320	5	8	105,550	393,509	612,024
Gregg.....	15	117,900	136		1	34,911	99,183	174,788
Grimes.....	83	127,450	185	1		32,533	116,625	161,361
Guadalupe.....	16	20,350	19			3,022	30,341	51,244
Hall (a).....								
Hamilton.....	13	32,350	41			4,140	28,545	38,297
Hansford (a).....								
Hardeman (a).....								
Hardin (a).....								
Harris.....	85	683,625	688	7	47	206,369	687,204	1,353,293
Harrison.....	39	93,275	264	5	9	71,323	149,419	281,111
Hartley (a).....								
Haskell (a).....								
Hayes.....	10	51,300	23			6,235	33,645	47,931
Hemphill (a).....								
Henderson.....	14	15,775	53			4,650	22,950	32,344
Hidalgo (a).....								
Hill.....	36	36,760	86		3	11,074	101,604	154,085
Hood.....	5	25,125	12			2,686	43,104	55,641
Hopkins.....	18	57,450	67	3	3	13,575	100,015	127,010
Houston.....	26	55,600	72			5,971	67,777	85,954
Howard (a).....								
Hunt.....	21	42,450	56		1	9,943	96,033	127,955
Hutchinson (a).....								
Jack.....	12	29,075	30			4,709	24,667	37,199
Jackson.....	3	750	2			1,000	1,173	3,500
Jasper.....	4	2,500	4			300	2,215	3,062
Jefferson.....	10	271,600	232		27	118,400	286,710	483,000
Johnson.....	49	61,337	117			24,402	105,072	162,066
Jones (a).....								
Karnes.....	5	4,000	2			375	5,590	8,300
Kaufman.....	38	85,950	124	1	9	29,006	293,070	393,262
Kendall.....	2	2,500	3			654	1,341	2,657
Kent (a).....								
Kerr.....	4	15,560	5			1,306	17,317	21,819
Kimble (a).....								
King (a).....								
Kinney.....	1	500	1			500	8,225	12,100

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—TEXAS—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Knox (a)	37	74,970	159	4	6	37,241	142,175	226,266
Lamar	13	23,700	23			3,605	45,090	63,277
Lampasas								
La Salle (a)	33	54,900	72			8,608	55,114	74,739
Lavaca								
Lee	23	42,960	38			3,961	41,452	51,819
Leon	4	8,350	23		1	2,250	11,530	17,150
Liberty	17	56,600	147		2	40,718	124,578	217,735
Limestone	31	45,000	160	2	11	30,562	89,193	151,076
Lipscomb (a)								
Live Oak	3	615					750	2,000
Llano (a)								
Lubbock (a)								
Lynn (a)								
McCulloch (a)								
McLennan	41	183,000	263	19	27	61,536	265,861	379,510
McMullen (a)								
Madison (a)								
Marion	10	78,800	240		5	63,870	71,140	164,811
Martin (a)								
Mason	2	765					380	1,300
Matagorda	5	6,000	16			830	3,080	4,820
Maverick	1	1,000	2			300	400	1,500
Medina	14	27,175	17			2,680	62,309	80,492
Menard (a)								
Milam	40	53,335	134	2		9,828	50,119	74,131
Mitchell (a)								
Montague	23	47,243	48			4,715	50,411	65,834
Montgomery	35	168,020	418		7	108,224	278,755	435,990
Morris	11	20,000	38			8,123	15,794	38,150
Motley (a)								
Nacogdoches	26	31,000	47		2	4,399	28,166	39,707
Navarro	21	42,385	78			9,487	70,897	94,333
Newton	16	12,000	34			1,505	20,084	25,324
Nolan (a)								
Nueces	2	20,500	11			2,430	1,040	4,983
Olunham (a)								
Orange	9	212,500	311		3	123,600	307,200	519,900
Palo Pinto	9	15,350	20			8,976	11,315	24,425
Panola	29	26,584	68		2	5,608	73,202	92,922
Parker	16	68,025	52			17,155	207,805	249,223
Pecos (a)								
Polk	4	12,850	29			5,952	17,175	30,600
Potter (a)								
Presidio	1	3,000	7			415	4,150	6,000
Rains	6	4,225	10			2,150	9,550	16,800
Randall (a)								
Red River	73	127,705	221		5	42,627	150,116	253,810
Refugio (a)								
Roberts (a)								
Robertson	16	17,300	41		2	7,745	26,455	41,700
Rockwall	1	2,600	3			153	1,538	1,950
Runnels (a)								
Rusk	28	28,825	95			7,631	35,677	54,175
Sabine	7	6,850	19			2,052	10,970	16,130
San Augustine	13	11,100	33		1	4,200	12,680	24,070
San Jacinto	8	20,500	33		1	11,580	40,230	66,660
San Patricio (a)								
San Saba	7	22,100	20			1,720	33,573	39,175
Scurry (a)								

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—TEXAS—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Shackelford.....	6	13,950	13	.....	.....	4,044	8,487	19,012
Shelby.....	22	22,481	60	.....	2	6,135	22,408	37,304
Smith.....	20	23,275	41	.....	2	7,600	20,533	36,588
Somervell.....	3	33,700	10	.....	3	2,770	33,200	42,500
Starr (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Stephens.....	6	8,350	17	.....	.....	3,150	3,675	9,500
Stonewall (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Swisher (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Tarrant.....	58	152,741	158	2	3	56,832	338,825	476,067
Taylor (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Throckmorton (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Titus.....	15	8,750	33	.....	.....	3,807	13,645	23,230
Tom Green.....	1	1,100	1	.....	.....	450	2,094	3,415
Travis.....	116	485,775	427	9	24	201,808	418,905	833,538
Trinity.....	12	16,850	58	.....	.....	7,005	44,209	63,822
Tyler.....	7	9,200	13	.....	.....	800	3,995	6,675
Upsalur.....	23	45,699	136	.....	.....	28,888	104,572	104,212
Uvalde.....	2	7,000	3	.....	.....	600	12,750	15,014
Van Zandt.....	21	131,200	62	1	1	17,352	105,706	156,293
Victoria.....	4	9,900	4	.....	.....	661	9,851	12,040
Walker.....	24	62,600	191	.....	.....	22,821	103,145	153,564
Waller.....	8	92,350	60	2	.....	10,930	73,895	111,590
Washington.....	45	65,135	99	.....	12	12,800	58,234	96,099
Webb (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Wharton (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Wheeler (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Wichita (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Wilbarger (a).....	.....	.....	.....	.....	.....	.....	.....	.....
Williamson.....	11	43,200	43	.....	.....	3,431	63,893	73,734
Wilson.....	13	17,250	24	3	.....	2,537	9,630	17,010
Wise.....	26	54,030	52	.....	.....	7,440	63,288	87,413
Wood.....	51	131,475	247	1	4	45,160	178,397	294,560
Young.....	9	25,700	15	.....	.....	3,565	83,600	97,580
Zapata.....	2	300	2	.....	.....	380	1,000	2,200
Zavalla (a).....	.....	.....	.....	.....	.....	.....	.....	.....

a Returned as having no manufactures.

B.—TEXAS, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries.....	2,996	9,245,561	11,615	116	398	3,243,087	12,956,269	20,719,923
Brick and tile.....	113	183,530	1,042	8	135	204,499	105,074	448,418
Carriages and wagons.....	34	150,700	205	.....	6	92,014	139,000	391,860
Flouring- and grist-mill products.....	921	3,052,952	2,602	1	6	368,663	6,371,606	7,017,177
Foundry and machine-shop products.....	30	365,350	349	.....	11	149,212	228,151	532,778
Lumber, planed.....	17	143,000	187	.....	4	73,775	295,640	456,600
Lumber, sawed.....	321	1,680,932	3,136	1	49	732,914	2,096,775	3,673,449
Oil, cottonseed and cake.....	4	202,000	151	4	3	36,272	192,441	276,450
Printing and publishing.....	39	447,900	307	19	88	232,924	207,438	605,000
Saddlery and harness.....	126	286,925	260	2	8	110,576	325,579	587,871
Sash, doors, and blinds.....	8	106,400	81	.....	1	49,800	305,200	416,500
Slaughtering and meat-packing.....	3	202,200	132	.....	.....	49,800	280,220	486,400
Tinware, copperware, and sheet-iron ware.....	80	236,730	211	.....	6	105,174	259,300	491,420
Tobacco, cigars, and cigarettes.....	31	31,300	104	5	1	67,556	99,200	263,810
All other industries.....	1,260	2,145,622	2,878	76	80	1,069,888	2,050,645	4,562,255

TABLE LII.—Manufactures: 1880—Continued.

A.—UTAH TERRITORY, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The Territory	No. 640	Dollars. 2,656,657	No. 2,042	No. 221	No. 232	Dollars. 858,863	Dollars. 2,561,737	Dollars. 4,324,992
Beaver	26	103,900	121	7	6	49,775	108,955	195,245
Box Elder	29	108,325	116	8	9	35,090	94,102	163,501
Cache	33	181,800	114	1	4	41,287	162,215	243,989
Davis	31	64,150	56	1	3	14,931	98,454	131,116
Emery (a)								
Iron	15	42,000	30		1	8,780	80,094	99,410
Juab	9	14,350	14		6	2,415	16,191	21,831
Kane	13	15,387	19	4	3	4,867	28,840	41,142
Millard	10	29,580	17		1	5,650	28,800	45,090
Morgan	9	27,300	19		1	3,630	10,583	27,387
Pi Ute	1	2,000	2		2	600	3,366	4,500
Rich	3	12,450	5			260	3,620	5,485
Salt Lake	207	1,689,015	845	123	124	477,791	1,005,518	1,933,221
San Juan (a)								
Sanpete	27	63,100	62	1	1	15,085	152,490	195,365
Sevier	14	20,500	23		2	6,650	48,100	63,066
Summit	12	31,700	28			4,120	26,015	37,122
Tooele	21	39,450	34		1	9,390	34,105	55,805
Utah (a)								
Utah	106	335,850	235	45	32	86,095	337,489	549,971
Wasatch	22	35,500	63		5	10,190	50,692	80,286
Washington	12	69,000	60	23	10	13,749	27,304	55,350
Weber	41	368,000	179	7	20	68,508	226,787	370,110

a Returned as having no manufactures.

B.—UTAH TERRITORY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	640	2,656,657	2,042	221	232	858,863	2,561,737	4,324,992
Flouring and grist-mill products	85	595,950	157			56,557	1,136,176	1,864,619
Lumber, sawed	107	272,750	375		10	65,175	298,274	375,164
Woollen goods	11	582,000	159	79	48	68,108	147,226	279,424
All other industries	437	1,405,957	1,860	142	174	669,023	1,040,061	2,805,785

A.—VERMONT, BY TOTALS OF COUNTIES.

The State	2,874	23,265,224	14,438	2,271	831	5,164,479	18,330,677	31,854,366
COUNTIES.								
Addison	167	766,950	536	18	17	135,951	647,065	1,066,921
Bennington	195	3,263,706	1,835	759	298	761,988	2,380,615	4,069,232
Caledonia	174	3,691,234	1,296	34	26	516,542	1,013,671	3,224,139
Chittenden	249	3,265,156	2,466	454	202	918,400	4,513,870	6,244,991
Essex	44	367,400	185		30	50,876	319,419	456,467
Franklin	198	976,650	689	21	17	191,405	883,320	1,393,092
Grand Isle	8	6,900	11			773	3,588	7,240
Lamoille	126	404,850	319	5	4	60,567	369,168	500,081
Orange	190	694,720	550	50	9	135,717	604,789	969,635
Orleans	207	906,488	710	36	35	163,640	688,915	1,118,795

TABLE LII.—Manufactures: 1880—A.—VERMONT—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Rutland	358	2,390,045	1,874	74	59	678,349	1,505,014	3,076,452
Washington	271	2,245,997	1,708	66	7	271,217	1,243,992	1,920,216
Windham	310	2,388,135	1,346	173	18	693,596	1,016,264	3,219,079
Windsor	380	2,886,905	1,873	585	109	675,370	2,001,047	4,218,732

B.—VERMONT, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	2,874	23,265,224	14,438	2,271	821	5,164,479	18,330,677	31,354,366
Agricultural implements ..	35	649,900	462	2	—	165,894	257,629	718,455
Cheese and butter	85	292,200	120	28	2	22,535	284,422	393,122
Cotton goods	8	956,096	219	354	181	179,748	553,297	915,804
Flouring and grist-mill products.	227	1,152,461	331	—	—	81,586	2,602,641	3,038,688
Foundry and machine-shop products.	45	1,137,075	578	6	4	243,426	323,770	783,828
Furniture	56	296,150	288	—	5	91,617	155,452	333,522
Hosiery and knit goods	6	492,000	133	227	18	101,637	359,938	595,270
Iron and steel	4	418,000	100	—	1	54,935	210,000	332,500
Leather, carried	24	113,953	63	—	1	29,245	437,632	530,337
Leather, tanned	53	433,300	184	—	—	62,401	538,426	1,084,563
Lumber, planed	18	854,800	528	—	19	170,948	371,512	2,739,522
Lumber, sawed	688	3,274,250	2,411	—	106	426,953	1,021,863	3,258,816
Marble and stone work	69	904,575	1,032	—	4	594,400	535,807	1,303,790
Mixed textiles	7	776,000	361	233	89	199,779	845,916	1,277,903
Musical instruments, organs and materials.	2	803,000	367	33	—	206,200	304,500	658,400
Paper, not specified	13	735,500	223	92	2	189,889	556,667	1,237,451
Sash, doors, and blinds	35	263,050	282	—	60	98,445	278,855	447,185
Scales and balances	3	3,051,481	783	—	—	419,739	215,215	2,680,474
Tinware, copperware, and sheet-iron ware.	95	291,300	253	6	3	24,069	210,690	429,715
Woolen goods	44	2,329,161	1,171	789	130	544,158	2,012,490	3,217,867
All other industries	1,357	4,166,275	4,388	485	219	1,422,392	2,792,036	5,924,981

A.—VIRGINIA, BY TOTALS OF COUNTIES.

The State	5,710	26,963,930	28,479	6,144	5,261	7,423,261	32,883,933	51,786,384
COUNTIES.								
Accomac	47	60,750	134	16	1	21,735	53,690	112,261
Albemarle	112	278,200	315	34	22	69,908	310,211	486,960
Alexandria	120	690,300	683	12	52	189,473	444,747	914,243
Alleghany	19	1,065,800	167	1	6	67,688	121,495	229,603
Amelia	33	80,600	75	—	—	9,903	82,552	114,394
Amherst	33	134,900	126	—	1	13,602	116,465	146,583
Appomattox	19	45,400	47	4	1	6,527	52,346	71,427
Augusta	208	973,276	499	9	22	97,864	688,833	992,612
Bath	8	83,300	5	—	—	718	19,565	22,584
Bedford	120	214,716	358	161	220	63,263	389,696	550,228
Bland	6	16,750	4	—	—	1,250	18,020	21,964
Botetourt	106	390,330	235	28	6	64,268	216,855	307,484
Brunswick	32	50,700	66	—	2	5,603	83,595	105,230
Buchanan (a)	—	—	—	—	—	—	—	—
Buckingham	44	75,250	85	—	3	10,122	95,864	125,612

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—A.—VIRGINIA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Campbell.....	164	1,020,720	1,623	530	715	478,294	1,622,071	2,510,501
Caroline.....	43	114,800	123	34	34	13,649	83,343	124,026
Carroll.....	63	51,800	83	.....	.....	10,261	77,934	112,248
Charles City.....	16	26,400	52	.....	.....	6,612	32,275	53,221
Charlotte.....	40	66,275	90	.....	.....	8,673	99,606	129,006
Chesterfield.....	50	475,689	469	177	161	154,427	470,405	754,695
Clarke.....	41	55,200	91	.....	.....	12,485	95,173	123,413
Craig.....	17	19,698	14	1	.....	1,592	32,539	41,259
Culpeper.....	67	93,853	140	.....	8	22,175	167,090	232,084
Cumberland.....	45	62,825	71	.....	2	9,000	139,385	188,003
Dinwiddie.....	146	1,863,749	2,282	1,245	742	669,043	3,320,453	4,694,147
Elizabeth City.....	43	79,735	196	113	37	39,145	87,813	100,458
Essex.....	37	91,150	161	25	26	21,265	165,415	196,270
Fairfax.....	47	233,500	114	.....	.....	24,745	185,763	207,916
Fauquier.....	69	77,040	88	.....	2	11,602	90,768	148,208
Floyd.....	105	75,369	97	.....	4	16,943	190,341	180,329
Fluvanna.....	87	44,380	84	.....	1	9,953	69,320	100,975
Franklin.....	73	97,706	141	9	13	12,862	149,552	203,735
Frederick.....	105	790,624	477	245	18	149,880	774,282	1,201,802
Giles.....	41	53,705	177	.....	2	12,658	54,973	82,103
Gloucester.....	16	46,550	48	.....	1	7,816	54,596	75,813
Goochland.....	29	77,810	69	1	1	7,569	100,522	128,278
Grayson.....	46	57,825	41	.....	2	6,978	83,918	106,134
Greene.....	19	34,000	31	.....	.....	4,100	51,733	64,937
Greensville.....	27	68,975	92	1	1	10,416	57,248	92,067
Halifax.....	101	156,270	248	16	41	33,089	272,463	368,927
Hanover.....	49	92,355	154	20	18	18,710	91,620	157,909
Henrico.....	626	6,991,316	9,386	2,873	1,988	3,038,624	12,279,415	20,997,124
Henry.....	56	231,825	320	61	166	44,904	256,186	397,320
Highland.....	8	13,200	12	.....	2	2,335	31,876	39,545
Isle of Wight.....	36	143,450	154	.....	1	25,134	87,530	143,977
James City.....	14	28,000	53	.....	.....	7,222	42,186	63,127
King and Queen.....	33	44,975	62	.....	.....	6,390	54,975	77,037
King George.....	9	16,350	20	.....	.....	2,959	28,910	37,225
King William.....	22	47,125	104	.....	3	16,965	89,106	128,300
Lancaster.....	12	37,200	69	.....	.....	4,712	25,669	40,661
Lee.....	48	69,562	69	.....	2	6,466	76,304	98,578
Loudoun.....	171	265,445	279	.....	2	45,737	255,700	433,140
Louisiana.....	50	117,430	104	2	4	12,676	136,026	183,284
Lunenburg.....	15	20,750	29	.....	4	2,496	34,310	44,616
Madison.....	62	85,950	114	3	3	15,635	126,484	168,224
Mathews.....	15	23,050	23	.....	.....	4,922	33,533	47,864
Mecklenburg.....	47	81,473	90	.....	1	9,273	184,095	223,011
Middlesex.....	23	29,750	63	.....	1	10,175	48,703	73,982
Montgomery.....	48	83,800	79	.....	1	14,054	92,265	141,962
Nansemond.....	20	58,050	87	.....	.....	18,189	59,695	101,962
Nelson.....	40	81,940	57	.....	.....	11,604	96,167	129,387
New Kent.....	22	57,435	79	.....	.....	10,224	57,920	90,863
Norfolk.....	145	929,051	1,400	65	51	431,986	1,298,223	2,194,137
Northampton.....	12	21,200	56	.....	.....	6,550	19,071	34,845
Northumberland.....	42	23,050	82	.....	.....	18,499	38,679	67,810
Nottoaway.....	32	52,400	76	.....	11	9,459	69,758	100,285
Orange.....	32	59,150	42	.....	4	6,441	87,545	112,622
Page.....	53	93,730	345	2	16	94,233	234,978	378,543
Patrick.....	6	32,500	31	2	.....	3,637	45,531	53,269
Pittsylvania.....	156	1,006,282	1,437	351	566	391,649	1,320,628	2,133,631
Powhatan.....	24	44,450	49	.....	.....	4,291	51,885	67,310
Prince Edward.....	20	53,200	87	.....	.....	12,453	79,020	118,632
Prince George.....	10	39,400	64	.....	.....	7,076	30,930	49,667
Princess Anne.....	20	32,400	41	.....	1	6,618	42,109	63,445

TABLE LII.—Manufactures: 1880—A.—VIRGINIA—Continued.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Prince William	18	44, 675	48			7, 012	51, 319	73, 306
Pulaski	34	203, 985	212	2	2	15, 281	95, 129	136, 320
Rappahannock	47	90, 025	106	3		17, 659	151, 327	193, 329
Richmond	7	23, 100	15			2, 307	20, 930	27, 737
Roanoke	105	261, 250	255	54	83	67, 060	317, 445	458, 038
Rockbridge	58	491, 760	137	6	5	28, 654	227, 510	319, 776
Rockingham	169	557, 261	348	4	6	61, 482	605, 054	831, 190
Russell	23	45, 600	34			5, 470	33, 801	51, 890
Scott	47	36, 552	51			6, 811	110, 170	136, 882
Shenandoah	197	628, 163	462	1	50	95, 122	506, 447	701, 380
Smyth	74	1, 272, 750	352	34	20	31, 157	246, 428	453, 010
Southampton	44	58, 525	130		2	16, 937	81, 190	130, 249
Spotsylvania	81	423, 650	345	50	25	90, 497	664, 784	903, 541
Stafford	4	6, 700	6			473	10, 725	12, 893
Surry	16	82, 850	120		1	15, 210	64, 785	103, 320
Sussex	22	46, 100	80			13, 663	53, 238	87, 509
Tazewell	54	98, 150	82	3		10, 835	110, 280	145, 530
Warren	53	317, 150	147	16	7	38, 623	260, 868	396, 703
Warwick (a)								
Washington	112	219, 030	206	6	40	45, 922	234, 182	384, 398
Westmoreland	7	17, 400	32			4, 150	23, 776	36, 009
Wise	9	6, 250	6			498	27, 240	36, 005
Wythe	93	382, 530	482	5	35	113, 692	242, 425	423, 550
York	12	30, 230	30			9, 475	34, 100	54, 450

a Returned as having no manufactures.

B.—VIRGINIA, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	5, 710	26, 968, 990	28, 770	6, 144	5, 201	7, 425, 251	32, 883, 933	51, 780, 992
Agricultural implements ..	51	536, 030	519		11	162, 634	244, 377	602, 959
Boxes, wooden, packing	15	134, 300	180		18	66, 570	153, 235	284, 066
Bread and other bakery products.	51	131, 700	232	31	20	81, 661	442, 180	644, 560
Brick and tile	84	290, 085	1, 180		247	488, 072	80, 420	398, 789
Carriages and wagons	43	258, 700	404		11	128, 769	243, 400	508, 400
Clothing, men's	57	221, 202	258	481	2	147, 149	272, 716	584, 077
Cooperage	75	77, 751	463		15	73, 490	146, 021	279, 964
Cotton goods	8	1, 190, 100	274	533	231	199, 789	610, 391	1, 040, 962
Drugs and chemicals	20	281, 000	344	2	5	63, 355	280, 740	438, 030
Fertilizers	17	415, 400	293	3	2	46, 970	424, 000	624, 300
Flouring- and grist-mill products.	1, 385	5, 791, 137	2, 200	3	2	409, 639	10, 574, 211	12, 210, 272
Foundry and machine-shop products.	56	767, 400	1, 401	1	80	303, 937	663, 167	1, 361, 231
Furniture	118	225, 700	917	11	14	102, 564	157, 770	401, 282
Iron and steel	44	4, 329, 713	2, 393	2	121	664, 432	1, 456, 151	2, 585, 990
Leather, tanned	163	658, 973	828		1	89, 251	766, 393	1, 011, 830
Lumber, planed	9	67, 200	129		2	37, 420	169, 950	284, 000
Lumber, sawed	907	2, 122, 325	3, 922		89	510, 231	1, 983, 777	3, 434, 163
Paper, not specified	3	170, 000	87	20	2	40, 000	128, 014	261, 000
Printing and publishing	45	344, 900	480	15	33	237, 918	211, 854	624, 875
Saddlery and harness	81	107, 719	164		9	72, 183	171, 655	328, 773
Sash, doors, and blinds	15	130, 000	183			67, 093	249, 067	400, 535
Slaughtering and meat-packing.	4	80, 000	53			13, 750	967, 900	1, 054, 500
Tinware, copperware, and sheet-iron ware.	104	223, 215	370	1	7	134, 078	315, 598	608, 150
Tobacco, chowing, smoking, and snuff.	143	3, 551, 100	6, 729	3, 671	3, 514	1, 859, 447	7, 705, 717	13, 231, 038

TABLE LII.—*Manufactures: 1880—B.—VIRGINIA—Continued.*

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Tobacco, cigars, and cigar-sties.	56	182,080	385	21	83	115,230	210,463	483,953
Tobacco, stemming	27	495,184	369	470	202	81,215	767,973	1,074,005
Woolen goods	48	450,750	251	95	19	71,720	383,080	577,908
All other industries	2,078	8,779,735	4,858	781	475	1,370,695	3,071,158	6,440,000

A.—WASHINGTON TERRITORY, BY TOTALS OF COUNTIES.

The Territory	261	3,202,497	1,110	25	12	532,226	1,967,469	3,250,134
COUNTIES.								
Chehalis	5	15,200	8	.....	.....	2,424	12,250	18,892
Clallam	1	500	1	.....	.....	1,580	1,800	3,560
Clarke	12	15,000	14	.....	.....	6,195	12,988	29,006
Columbia	10	60,100	39	8	3	12,625	60,326	108,050
Cowlitz	5	18,800	5	.....	.....	1,200	9,700	15,100
Island	11	112,800	69	.....	.....	17,959	170,800	273,430
Jefferson	6	223,067	57	.....	.....	32,956	169,957	233,984
King	29	402,970	174	.....	.....	102,891	252,636	469,235
Kitsap	14	1,482,900	276	.....	.....	110,275	554,400	814,600
Klickitat	25	49,325	29	.....	1	12,360	41,175	77,050
Lewis	9	37,500	22	.....	.....	5,980	46,578	67,247
Mason (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Pacific	3	60,800	21	.....	3	8,350	34,400	54,000
Pierce	6	243,800	126	.....	4	53,411	192,051	238,720
San Juan	2	25,000	22	2	.....	10,000	8,350	28,000
Skamania (a) .....	.....	.....	.....	.....	.....	.....	250	1,700
Snohomish	3	1,800	.....	.....	.....	.....	7,250	19,100
Spokane	9	9,225	7	.....	.....	2,300	3,113	6,005
Stevens	4	6,300	4	.....	.....	1,014	8,085	144,400
Thurston	30	140,150	66	15	1	34,890	60,085	144,400
Wahkiakum (a) .....	.....	.....	.....	.....	.....	.....	.....	.....
Walla Walla	42	249,400	145	.....	.....	88,607	251,058	406,700
Whitcom	1	4,000	4	.....	.....	1,650	11,000	16,000
Whitman	15	30,000	18	.....	.....	8,943	34,825	63,000
Yakima	13	13,960	12	.....	.....	7,625	11,977	31,695

a Returned as having no manufactures.

B.—WASHINGTON TERRITORY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	261	3,202,497	1,110	25	12	532,226	1,967,469	3,250,134
Lumber, sawed	27	2,456,450	495	.....	4	290,539	1,188,075	1,734,742
All other industries	224	746,047	615	25	8	331,687	779,394	1,515,392

TABLE LII.—*Manufactures: 1880—Continued.*

A.—WEST VIRGINIA, BY TOTALS OF COUNTIES.

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
The State.....	No. 2, 375	Dollars. 13, 883, 390	No. 12, 900	No. 340	No. 1, 065	Dollars. 4, 313, 965	Dollars. 14, 027, 383	Dollars. 22, 807, 120
Barbour	53	67, 405	72	3	3	10, 037	90, 893	128, 763
Berkeley	104	530, 045	227	1	3	54, 939	433, 500	630, 112
Boone	4	5, 400	6			875	14, 200	17, 062
Braxton	22	84, 240	75		10	8, 214	31, 180	51, 074
Brooke	47	206, 775	221	18	31	49, 158	184, 479	312, 073
Cabell	58	163, 275	214	9	11	60, 242	225, 140	360, 937
Calhoun	3	8, 500	6		1	1, 550	4, 005	8, 004
Clay (a)								
Doddridge	51	65, 786	142			32, 700	107, 729	256, 792
Fayette	39	554, 300	248		1	91, 130	308, 861	512, 764
Gilmer	17	28, 010	23			3, 878	42, 005	53, 017
Grant	25	39, 625	38	1		4, 784	50, 365	65, 462
Greenbrier	51	186, 385	80	2	7	15, 765	100, 678	147, 331
Hamshire	54	150, 937	84	4	5	13, 133	149, 658	195, 777
Hancock	54	256, 475	235		8	87, 794	106, 725	270, 018
Hardy	41	114, 612	86		2	8, 513	45, 750	69, 572
Harrison	86	221, 626	202	6	1	40, 337	293, 949	418, 593
Jackson	69	101, 730	136	9	3	35, 485	238, 349	335, 332
Jefferson	113	449, 333	348	1	6	85, 645	490, 614	704, 615
Kanawha	73	327, 480	436	15	24	102, 871	312, 030	488, 882
Lewis	68	111, 430	150		3	35, 342	160, 586	247, 180
Lincoln (a)								
Logan	2	7, 000	3			578	10, 680	12, 993
McDowell (a)								
Marion	93	330, 175	313	6	11	79, 314	432, 006	615, 396
Marshall	87	1, 083, 526	1, 105		105	372, 988	1, 146, 821	1, 871, 656
Mason	67	1, 081, 575	890	1	57	207, 812	478, 862	843, 986
Mercer	1	300					2, 000	2, 500
Mineral	26	98, 668	92	3	5	31, 461	107, 043	173, 633
Monongalia	73	137, 850	161	2	3	30, 577	198, 134	281, 078
Monroe	32	103, 400	77	6		13, 597	129, 932	185, 578
Morgan	16	118, 220	122		1	46, 600	451, 098	648, 407
Nicholas	24	26, 650	37	9	2	2, 484	18, 112	26, 235
Ohio	250	4, 397, 483	4, 637	196	667	2, 202, 550	5, 254, 675	9, 335, 780
Pendleton	26	45, 050	33	4		5, 405	60, 860	87, 892
Pleasants	39	64, 775	72		2	17, 504	121, 301	174, 142
Pocahontas	24	24, 875	19		3	3, 235	34, 240	45, 544
Preston	108	490, 555	607	8	13	150, 657	386, 341	568, 397
Putnam	8	20, 500	39		2	9, 050	31, 345	52, 433
Raleigh	7	15, 300	17			3, 350	24, 695	35, 068
Randolph	20	27, 650	22			2, 860	36, 395	49, 467
Ritchie	48	146, 047	129			35, 118	150, 722	230, 255
Roane	23	28, 415	47			7, 249	56, 460	78, 179
Sammers	21	54, 329	76		2	13, 029	55, 248	85, 561
Taylor	75	496, 155	193	15	15	50, 693	256, 716	367, 314
Tucker	5	7, 000	10			860	3, 680	5, 608
Tyler	47	135, 410	174	13	14	23, 245	172, 201	238, 942
Upshur	38	75, 225	63	1		10, 309	42, 391	71, 322
Wayne	22	32, 000	73		12	13, 774	96, 112	129, 812
Webster	1	1, 500	3			400	1, 025	2, 140
Wetzel	52	198, 575	224		15	63, 092	275, 508	423, 903
Wirt	17	58, 600	79	2	5	17, 599	112, 647	159, 773
Wood	81	510, 555	385	10	12	146, 927	406, 739	778, 074
Wyoming (a)								

a Returned as having no manufactures.

TABLE LII.—Manufactures: 1880—WEST VIRGINIA—Continued.

B.—WEST VIRGINIA, BY SELECTED INDUSTRIES.

Mechanical and manufacturing industries.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
All industries.....	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
	2,375	13,833,300	12,900	346	1,005	4,313,965	14,027,358	22,867,126
Carriages and wagons	8	251,000	217	.....	1	69,169	166,486	341,025
Clothing, men's.....	47	119,150	218	33	15	71,799	153,950	812,784
Cooperage.....	49	66,876	278	.....	52	100,767	152,896	306,147
Flouring and grist-mill products.....	472	1,777,297	742	1	1	140,568	3,384,797	3,942,818
Foundry and machine-shop products.....	35	388,300	405	.....	1	158,474	168,921	466,862
Glass.....	4	550,522	615	100	231	311,650	208,064	748,500
Iron and steel.....	20	3,913,619	3,780	.....	341	1,541,816	3,484,925	6,054,032
Leather, curried.....	80	229,535	112	.....	.....	45,810	586,755	725,010
Leather, tanned.....	93	515,855	206	1	4	99,238	1,089,620	1,451,528
Liquors, malt.....	9	291,017	95	.....	.....	36,434	168,741	289,966
Lumber, planed.....	15	284,109	149	.....	2	58,566	237,800	353,550
Lumber, sawed.....	472	1,668,920	2,057	.....	126	459,945	1,375,372	2,431,857
Salt.....	15	910,500	702	.....	34	160,237	192,113	380,369
Slaughtering and meat-packing.....	6	100,161	30	.....	.....	13,950	273,840	307,500
Tobacco, cigars, and cigarettes.....	67	167,815	300	5	27	111,739	258,830	452,993
Woolen goods.....	55	293,170	226	96	31	44,161	245,843	356,986
All other industries.....	928	2,425,556	2,678	110	199	890,530	1,578,825	3,954,199

A.—WISCONSIN, BY TOTALS OF COUNTIES.

The State.....	7,674	73,821,802	48,255	6,241	2,613	18,814,917	85,796,178	128,255,480
COUNTIES.								
Adams.....	21	39,250	29	1	.....	4,717	57,236	73,570
Ashland.....	5	85,000	75	.....	8	15,900	65,990	101,725
Barron.....	28	103,810	79	7	4	16,778	114,142	172,117
Bayfield.....	4	32,500	59	.....	11	11,596	32,984	59,400
Brown.....	190	1,342,605	1,543	7	40	585,167	1,986,493	3,418,227
Buffalo.....	51	171,475	88	.....	9	23,763	155,645	226,250
Burnett.....	9	22,200	14	.....	2	2,291	14,920	22,376
Calumet.....	137	349,566	258	6	3	56,687	418,916	607,088
Chippewa.....	28	765,775	367	2	12	103,955	658,768	901,581
Clark.....	62	333,429	226	1	7	58,654	337,151	501,591
Columbia.....	143	469,890	278	41	2	100,216	525,887	845,952
Crawford.....	71	312,900	130	1	8	41,175	324,799	467,503
Dane.....	206	1,015,775	1,043	57	23	440,773	1,873,784	2,284,841
Dodge.....	285	2,574,532	1,041	69	23	306,067	1,884,818	2,636,781
Door.....	21	258,500	155	.....	20	43,212	276,452	392,187
Douglas.....	3	54,690	31	.....	.....	11,550	53,700	79,000
Dunn.....	79	692,775	333	10	43	192,764	741,026	1,104,713
Eau Claire.....	50	2,770,500	1,106	16	46	844,821	2,191,479	3,079,705
Fond du Lac.....	297	2,330,048	1,527	90	82	580,082	2,524,110	3,704,325
Grant.....	158	419,710	276	8	5	90,561	488,531	740,945
Green.....	191	484,925	282	44	5	129,308	584,421	887,772
Green Lake.....	85	347,250	309	47	5	107,568	499,527	714,194
Iowa.....	117	280,920	196	2	.....	50,503	424,141	615,114
Jackson.....	78	570,300	286	7	.....	74,393	550,014	774,833
Jefferson.....	228	1,290,953	988	64	90	355,667	1,741,093	2,548,068
Juneau.....	72	1,157,264	425	13	15	122,922	978,901	1,339,341
Kenosha.....	91	1,034,542	605	4	61	340,640	1,285,582	1,874,116
Kewaunee.....	79	246,470	220	3	13	35,167	321,283	467,086
La Crosse.....	133	3,148,860	1,204	61	72	493,592	2,268,816	3,184,447
La Fayette.....	85	173,326	140	1	.....	34,718	233,452	336,182

TABLE LII.—*Manufactures: 1880—A.—WISCONSIN—Continued.*

Counties.	Establishments.	Capital.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
			Males above 16 years.	Females above 15 years.	Children and youths.			
	No.	Dollars.	No.	No.	No.	Dollars.	Dollars.	Dollars.
Langlade	2	5,000	6		709	5,500		8,550
Lincoln	6	89,700	92	7	28,436	196,000		262,470
Manitowoc	268	1,138,565	1,183	59	385,574	1,664,237		2,444,883
Marathon	127	1,404,865	861	32	283,081	1,260,926		1,856,934
Marinette	23	4,576,750	582	1	269,612	1,421,750		2,094,514
Marquette	55	240,550	105	19	31,657	206,235		290,951
Milwaukee	886	19,847,604	16,416	3,936	7,083,520	29,543,456		44,494,549
Monroe	76	385,750	244	15	73,395	488,223		687,687
Oconto	52	1,566,850	502		142,801	896,813		1,247,563
Outagamie	157	1,644,428	934	100	424,147	1,851,355		2,803,832
Ozaukee	137	555,873	306	2	103,719	866,803		1,219,005
Pepin	25	61,373	30		8,306	89,635		122,185
Pierce	93	522,850	230	2	63,835	705,576		924,426
Polk	26	180,750	130	1	36,600	206,225		293,242
Portage	92	815,740	533	12	163,221	1,014,351		1,447,867
Price	4	33,100	21		8,406	54,325		75,200
Racine	224	4,728,608	3,157	195	1,438,836	3,901,619		7,138,447
Richland	111	297,975	182	8	43,880	348,844		509,533
Rock	255	2,129,821	1,698	388	793,715	2,690,761		4,347,333
Saint Croix	112	740,197	208	5	107,469	1,105,203		1,488,192
Sauk	157	540,164	375	24	110,232	809,330		1,158,887
Shawano	40	125,200	107		22,626	147,432		212,882
Sheboygan	354	1,460,757	1,467	145	508,907	2,749,605		3,987,502
Taylor	10	152,850	95	6	31,450	207,015		290,500
Trempealeau	65	211,525	108	2	29,478	363,723		462,415
Vernon	61	149,736	103		28,370	223,656		311,614
Walworth	155	954,519	612	16	237,945	829,872		1,406,389
Washington	235	618,130	377	16	97,809	669,470		1,039,868
Waukesha	181	618,150	369	38	133,753	700,868		1,100,111
Waupaca	147	505,191	356	5	94,585	693,449		972,934
Waushara	54	124,600	74	15	18,554	220,313		289,353
Winnebago	321	3,963,441	2,652	624	1,066,121	5,735,593		7,923,002
Wood	60	892,073	438	1	129,755	797,456		1,119,692

B.—WISCONSIN, BY SELECTED INDUSTRIES.

MECHANICAL AND MANUFACTURING INDUSTRIES.								
All industries	7,674	73,821,802	48,255	6,241	2,613	18,814,917	85,796,178	128,255,480
Agricultural implements ..	108	3,747,095	1,990		68	874,667	1,373,547	3,742,069
Boots and shoes	20	543,800	970	138	69	381,732	1,147,140	1,726,773
Bread and other bakery products ..	82	223,401	219	30	36	87,046	471,177	697,239
Brick and tile	119	560,872	1,203	8	182	231,351	161,400	607,609
Carriage and wagon materials ..	13	285,060	366	1	31	132,260	207,800	418,020
Carrriages and wagons	156	2,771,212	2,481	20	86	1,135,448	2,403,688	4,350,454
Cheese and butter	414	613,648	497	62	2	98,920	1,026,357	1,501,087
Clothing, men's	212	2,880,468	2,475	2,637	56	1,268,752	2,847,660	4,883,797
Coffee and spices, roasted and ground ..	10	258,621	127	19	15	90,550	695,042	935,640
Confectionery	8	149,254	117	32	21	45,798	386,162	483,446
Cooperage	198	429,160	1,292		88	518,008	757,266	1,563,208
Cotton goods	1	200,000	61	149	56	67,209	194,556	328,330
Flouring- and grist-mill products ..	705	9,199,735	2,418		3	861,802	24,306,982	27,639,430
Foundry and machine-shop products ..	129	2,502,252	2,542	6	61	1,168,257	1,910,106	3,965,652
Furniture	177	815,424	1,005	15	44	409,209	500,482	1,225,933

TABLE LII.—*Manufactures: 1880—B.—WISCONSIN—Continued.*

Mechanical and manufacturing industries.	Establishments. No.	Capital. Dollars.	AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year. Dollars.	Materials. Dollars.	Products. Dollars.
			Males above 16 years. No.	Females above 15 years. No.	Children and youths. No.			
Furniture, chairs	10	596,089	933	187	136	381,856	387,368	951,240
Hardware	10	128,150	199	1	37	79,110	112,760	270,445
Iron and steel	9	2,843,218	2,088	65	1,004,931	3,830,697	6,580,391	4,496,729
Leather, curried	61	1,299,425	657	1	281,412	3,769,914	4,324,433	302,213
Leather, tanned	73	1,697,625	815	—	337,211	3,367,800	6,312,173	519,378
Liquors, distilled	6	894,000	44	—	18,400	203,296	302,213	—
Liquors, malt	203	7,253,205	1,689	—	822,124	3,536,438	6,312,173	—
Lumber, planed	27	256,350	258	4	75,873	322,650	519,378	—
Lumber, sawed	704	19,824,059	7,748	250	467	2,257,218	12,471,473	17,952,347
Malt	3	140,000	31	—	15,070	278,500	316,000	—
Marble and stone work	72	297,710	366	—	4	155,803	207,879	504,713
Matches	1	325,000	50	320	—	56,200	454,800	532,032
Oil, linseed	3	166,000	30	—	—	14,480	253,400	320,400
Paper, not specified	13	943,000	401	165	20	235,955	773,150	1,277,736
Printing and publishing	82	729,800	827	93	88	429,777	337,290	1,093,510
Saddlery and harness	344	494,085	573	1	50	197,249	574,364	1,061,235
Sash, doors, and blinds	83	1,616,700	1,837	17	128	636,281	1,715,145	2,975,687
Shipbuilding	24	208,700	474	—	—	223,573	268,303	576,305
Slaughtering and meat- packing	13	959,000	1,003	—	29	203,205	5,898,438	6,533,926
Soap and candles	15	173,500	89	6	12	38,965	273,100	396,740
Straw goods	1	85,000	125	275	—	50,000	125,000	250,000
Tinware, copperware, and sheet-iron ware	279	533,075	556	2	12	226,628	498,195	996,608
Tobacco, chewing, smok- ing, and snuff	3	331,000	200	6	20	78,500	789,645	978,281
Tobacco, cigars, and cigar- ettes	152	424,750	1,074	44	95	445,504	575,377	1,346,025
Trunks and valises	8	249,500	371	—	60	139,220	231,100	463,000
Woolen goods	48	1,849,954	426	378	43	214,993	892,793	1,480,069
All other industries	3,074	5,617,844	7,626	1,375	514	2,883,281	5,270,363	11,354,668

A.—WYOMING TERRITORY, BY TOTALS OF COUNTIES.

The Territory	57	364,673	380	—	11	187,798	601,214	898,494
COUNTIES.								
Albany	14	251,203	223	—	10	101,430	459,912	501,880
Carbon	9	19,600	29	—	—	8,600	24,492	41,955
Crook (a)	—	—	—	—	—	—	—	—
Johnson (a)	—	—	—	—	—	—	—	—
Laramie	28	77,879	117	—	1	70,787	103,457	253,356
Sweetwater	6	16,000	11	—	—	981	7,353	11,303
Uinta (a)	—	—	—	—	—	—	—	—

(a) Returned as having no manufactures.

B.—WYOMING TERRITORY, BY SELECTED INDUSTRIES.

MECHANICAL AND MANU- FACTURING INDUSTRIES.								
All industries	57	364,673	380	—	11	187,798	601,214	898,494
Iron and steel	1	212,603	174	—	10	79,650	403,568	401,345
All other industries	56	152,070	206	—	1	108,148	197,616	407,149

TABLE LIII.—*Manufactures of 20 principal cities: 1880.*

[See remarks on pages 926 and 927.]

CITY OF BALTIMORE.

Mechanical and manufacturing industries.		No. of establish- ments.	Capital.
All industries		3,683	Dollars. 38,586,773
1	Agricultural implements	5	106,000
2	Awnings and tents	3	4,600
3	Bags, paper	3	78,500
4	Baking and yeast powders	4	70,600
5	Baskets, rattan and willow ware	16	5,110
6	Blacksmithing	116	127,520
7	Bookbinding and blank-book making	17	91,755
8	Boot and shoe uppers	11	7,700
9	Boots and shoes, including custom work and repairing	623	865,327
10	Boxes, cigar	13	19,325
11	Boxes, fancy and paper	8	34,020
12	Boxes, wooden, packing	13	139,012
13	Brass castings	10	19,500
14	Bread and other bakery products	316	882,372
15	Brick and tile	28	640,000
16	Brooms and brushes	28	83,115
17	Carpentering	114	1,107,800
18	Carpets, rag	17	23,525
19	Carriages and sleds, children's	3	15,000
20	Carriages and wagons	37	223,700
21	Clothing, men's	188	3,848,851
22	Clothing, women's	27	136,250
23	Coffee and spices, roasted and ground	13	124,750
24	Coffins, burial cases, and undertakers' goods	52	91,275
25	Confectionery	53	339,765
26	Cooperage	43	220,860
27	Coppersmithing	8	20,200
28	Cotton goods	3	699,000
29	Cutlery and edge tools	10	22,550
30	Dentistry, mechanical	14	12,260
31	Drugs and chemicals	17	652,300
32	Dyeing and cleaning	26	40,785
33	Electroplating	5	17,525
34	Engraving and die-sinking	7	1,925
35	Engraving, wood	4	1,250
36	Fertilizers	18	3,241,370
37	Files	4	31,850
38	Flavoring extracts	5	8,200
39	Flouring- and grist-mill products	8	562,000
40	Food preparations	3	4,650
41	Foundry and machine-shop products	63	2,240,004
42	Fruits and vegetables, canned and preserved	41	1,959,100
43	Furniture	38	721,552
44	Furniture, chairs	3	150,250
45	Furs, dressed	4	30,000
46	Gas machines and meters	5	62,000
47	Glass	7	406,000
48	Gold and silver leaf and foil	3	6,000
49	Grease and tallow	6	101,500
50	Hairwork	11	12,250
51	Hardware	5	18,100
52	Hats and caps, not including wool hats	6	26,000
53	Instruments, professional and scientific	6	49,000
54	Iron and steel	10	1,632,125
55	Iron railing, wrought	6	5,900
56	Jewelry	4	11,300
57	Kindling wood	11	36,925
58	Leather, curried	18	115,017
59	Leather, tanned	17	134,768
60	Liquors, malt	21	1,143,490

TABLE LIII.—*Manufactures of 20 principal cities: 1880.*

[See remarks on pages 926 and 927.]

CITY OF BALTIMORE.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
34, 086	18, 137	4, 115	Dollars. 15, 117, 489	Dollars. 47, 974, 297	Dollars. 78, 417, 304	
118	-----	15	40, 250	101, 000	229, 550	1
11	-----	-----	7, 900	16, 800	36, 100	2
24	22	4	17, 704	152, 270	236, 700	3
12	14	-----	16, 000	111, 040	167, 808	4
16	-----	2	5, 168	5, 335	18, 826	5
270	-----	6	123, 894	98, 225	348, 835	6
90	83	25	61, 593	59, 304	163, 988	7
27	18	1	11, 755	17, 375	37, 675	8
2, 117	507	70	939, 841	1, 632, 492	3, 411, 736	9
22	19	9	15, 163	28, 883	58, 822	10
28	169	10	32, 617	82, 883	140, 625	11
318	-----	44	147, 077	300, 573	531, 000	12
32	-----	1	16, 279	33, 741	71, 101	13
625	73	58	261, 463	1, 449, 459	2, 172, 062	14
1, 400	-----	69	322, 839	156, 648	626, 813	15
210	22	32	74, 758	156, 978	293, 619	16
1, 226	-----	9	674, 964	1, 906, 239	3, 216, 028	17
28	2	4	10, 521	23, 678	48, 506	18
31	2	3	10, 740	33, 500	53, 080	19
364	-----	8	147, 201	156, 573	297, 849	20
5, 184	5, 915	58	1, 822, 501	6, 013, 863	9, 446, 793	21
22	482	23	84, 998	265, 192	469, 718	22
46	23	-----	24, 503	221, 108	290, 874	23
73	-----	1	31, 984	73, 108	184, 423	24
222	87	13	110, 718	781, 752	1, 108, 038	25
364	-----	7	146, 382	325, 432	560, 696	26
21	-----	-----	11, 900	15, 600	32, 250	27
209	225	108	80, 738	182, 283	327, 366	28
23	-----	1	9, 200	11, 156	30, 596	29
11	1	1	6, 323	4, 813	32, 783	30
189	47	-----	78, 144	529, 485	873, 125	31
31	19	-----	19, 031	11, 080	58, 662	32
29	-----	2	10, 166	7, 250	36, 600	33
6	-----	-----	3, 300	1, 450	14, 059	34
4	-----	-----	1, 800	905	6, 900	35
655	-----	6	251, 055	2, 689, 223	4, 287, 398	36
26	-----	16	15, 206	9, 850	31, 830	37
15	4	-----	5, 274	16, 860	31, 100	38
95	-----	-----	46, 118	1, 173, 888	1, 327, 584	39
12	2	1	2, 415	16, 000	28, 000	40
2, 643	-----	33	1, 333, 841	1, 887, 421	3, 939, 717	41
2, 324	6, 753	1, 846	815, 013	3, 854, 550	5, 201, 268	42
941	15	22	401, 065	772, 333	1, 512, 634	43
64	30	2	47, 200	130, 200	278, 500	44
6	17	-----	8, 125	10, 635	33, 913	45
82	1	17	42, 748	118, 250	206, 620	46
524	-----	88	234, 254	239, 682	587, 900	47
16	29	2	10, 500	26, 000	49, 200	48
22	-----	-----	10, 254	213, 449	338, 021	49
4	29	-----	5, 654	16, 575	34, 298	50
31	-----	4	13, 844	14, 100	37, 504	51
22	38	-----	13, 415	33, 000	63, 380	52
25	2	4	18, 244	3, 850	31, 600	53
1, 343	-----	65	532, 579	1, 803, 209	2, 672, 940	54
19	-----	-----	8, 200	13, 000	32, 800	55
16	1	3	9, 744	12, 860	33, 100	56
42	-----	22	18, 266	86, 245	72, 296	57
74	-----	1	29, 117	310, 527	405, 317	58
43	9	-----	39, 379	206, 054	287, 980	59
208	-----	4	97, 851	488, 752	888, 644	60

TABLE LIII.—Manufactures of 20 principal cities: 1880—BALTIMORE—Continued.

	Mechanical and manufacturing industries.	No. of establishments.	Capital.
			Dollars.
61	Lock- and gun-smithing	20	28, 100
62	Looking-glass and picture frames	31	118, 550
63	Lumber, planed	3	36, 000
64	Malt	6	705, 000
65	Mantels, slate, marble, and marbleized	3	23, 000
66	Marble and stone work	40	651, 701
67	Masonry, brick and stone	47	261, 600
68	Mattresses and spring beds	5	6, 825
69	Millinery and lace goods	11	79, 100
70	Millstones	3	34, 700
71	Mineral and soda waters	17	66, 000
72	Mixed textiles	3	4, 900
73	Models and patterns	3	1, 450
74	Musical instruments and materials (not specified)	6	4, 900
75	Musical instruments, organs, and materials	3	16, 250
76	Musical instruments, pianos, and materials	4	638, 382
77	Painting and paperhanging	89	99, 505
78	Paints	10	367, 200
79	Patent medicines and compounds	23	232, 650
80	Perfumery and cosmetics	5	23, 419
81	Photographing	25	70, 150
82	Pickles, preserves, and sauces	6	21, 850
83	Plated and britannia ware	3	19, 200
84	Plumbing and gasfitting	89	198, 185
85	Printing and publishing	47	1, 954, 200
86	Pumps, not including steam pumps	9	8, 475
87	Refrigerators	3	16, 200
88	Roofing and roofing materials	6	89, 025
89	Saddlery and harness	76	304, 625
90	Sash, doors, and blinds	9	354, 625
91	Saws	3	6, 500
92	Scales and balances	3	9, 203
93	Sewing machines and attachments	6	20, 590
94	Shipbuilding	62	1, 493, 275
95	Shirts	38	313, 930
96	Show-cases	5	14, 300
97	Silk and silk goods	4	20, 900
98	Silversmithing	4	98, 703
99	Slaughtering and meat-packing, not including retail butchering establishments	6	705, 000
100	Soap and candles	7	250, 422
101	Stencils and brands	3	2, 800
102	Stone- and earthen-ware	6	125, 700
103	Straw goods	3	160, 800
104	Sugar and molasses, refined	3	260, 000
105	Surgical appliances	3	5, 700
106	Tinware, copper ware, and sheet-iron ware	154	1, 071, 300
107	Tobacco, chewing, smoking, and snuff	10	602, 600
108	Tobacco, cigars and cigarettes	329	568, 282
109	Trunks and valises	15	24, 150
110	Umbrellas and canes	3	8, 550
111	Upholstering	19	22, 725
112	Vinegar	8	47, 750
113	Watch and clock repairing	23	18, 500
114	Wheelwrighting	44	77, 445
115	Whips	3	21, 800
116	Window blinds and shades	3	5, 500
117	Wirework	4	28, 500
118	Wood, turned and carved	8	2, 660
119	Miscellaneous industries (a)	81	2, 790, 664

a The 81 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: artificial limbs; babbitt metal and solder; bags, other than paper; bells; belting and hose; leather; billiard tables and materials; blacking; bluing; bridges; carpets, other than rag; carriage and wagon materials; cars, rail road, street, and repairs; cleansing and polishing preparations; cloth-finishing; cork cutting; cordage and twine; corks etc.; explosives and fireworks; fancy articles; fire extinguishers, chemical; flags and banners; furnishing goods, men's; glass, cut, stained, and ornamented; hand-knife goods; hosiery and knit goods; iron bolts, nuts, washers, and rivets; iron forgings; iron nails and

TABLE LIII.—Manufactures of 20 principal cities: 1880—BALTIMORE—Continued.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			Dollars.	Dollars.	Dollars.	
35	---	1	15,932	12,143	42,285	61
271	70	25	98,633	160,402	402,423	62
30	---	---	13,500	33,000	60,700	63
93	---	---	52,060	547,000	752,000	64
19	---	2	8,388	10,764	30,205	65
815	---	10	323,480	447,030	954,285	66
655	---	1	250,889	399,477	767,946	67
10	---	---	4,142	33,443	44,125	68
24	133	41	35,806	148,240	229,430	69
21	---	---	11,293	14,242	38,319	70
84	---	---	33,753	108,035	199,607	71
6	11	5	4,000	7,650	20,240	72
5	---	---	2,050	1,700	8,100	73
4	---	---	1,395	1,975	7,400	74
21	---	2	8,000	24,810	41,000	75
380	---	5	200,988	157,699	534,029	76
265	---	8	144,861	163,698	453,943	77
93	---	7	39,941	192,185	338,658	78
103	163	45	68,407	438,027	646,493	79
11	27	1	7,902	15,251	42,439	80
51	15	2	25,605	22,426	95,228	81
7	14	6	5,552	48,250	71,300	82
43	---	---	20,780	18,500	52,000	83
134	---	9	82,042	176,186	412,886	84
671	21	90	409,251	560,657	1,374,168	85
16	---	1	8,460	14,550	30,050	86
24	---	---	7,099	13,040	27,990	87
46	---	1	16,769	30,450	78,917	88
461	2	81	223,187	888,092	857,810	89
359	---	84	100,111	234,113	681,755	90
8	---	---	2,321	2,744	10,281	91
7	---	---	4,181	2,819	11,077	92
22	1	2	11,620	9,450	35,595	93
887	---	---	504,873	707,026	1,445,080	94
328	1,284	84	307,807	425,947	949,524	95
23	---	1	15,785	27,389	74,320	96
13	56	14	11,000	15,760	35,415	97
38	---	---	26,979	40,542	112,061	98
194	---	---	85,300	2,559,662	2,742,645	99
77	---	6	43,145	215,238	323,350	100
6	---	1	3,526	2,200	9,500	101
194	10	62	115,004	74,923	254,594	102
107	422	15	57,781	264,507	302,982	103
106	---	---	81,000	756,703	840,986	104
35	5	---	17,000	15,600	61,500	105
1,231	124	208	569,642	2,250,500	3,371,081	106
187	740	128	165,107	1,152,906	1,531,424	107
1,050	115	84	462,099	617,585	1,551,014	108
51	---	4	19,228	36,810	75,466	109
4	6	---	2,080	8,500	17,400	110
42	7	2	16,820	51,781	98,539	111
17	1	1	7,012	58,112	87,012	112
25	---	4	14,883	0,454	41,415	113
148	---	3	54,057	54,013	166,325	114
31	6	1	13,936	25,800	52,925	115
24	---	---	3,200	11,500	18,900	116
42	---	2	24,000	26,000	77,000	117
17	---	4	8,203	9,020	26,436	118
1,564	271	293	766,948	4,945,900	6,655,810	119

spikes, cut and wrought; iron work, architectural and ornamental; ivory and bone work; japanning; kaolin and ground earths; lamps and reflectors; hard, refined; lasts; lead, bar, pipe, sheet, and shot; leather, dressed skins; lightning-rods; lime; liquors, distilled; lithographing; lumber, sawed, oil, fillic; minating, not including petroleum refining; oil, lard; oleomargarine; pipes, tobacco; printing materials; regalia and society banners and emblems; rubber and elastic goods; safes, doors, and vaults, fire-proof; shoddy; spectacles and eyeglasses; sporting goods; stationery goods; telegraph and telephone apparatus; toys and games; type founding; upholstering materials; and wooden ware.

TABLE LIII.—*Manufactures of 20 principal cities: 1880—Continued.*

CITY OF BOSTON.

Mechanical and manufacturing industries.		No. of establishments.	Capital.
All industries.....		8,665	Dollars. 47,348,384
1	Artificial feathers and flowers	4	20,000
2	Awings and tents	4	16,200
3	Baking and yeast powders.....	4	254,000
4	Belting and hose, leather	3	40,000
5	Billiard tables and materials	4	47,200
6	Blacking	6	63,500
7	Blacksmithing	155	218,275
8	Bookbinding and blank-book making	46	410,328
9	Boot and shoe cut stock	13	62,500
10	Boot and shoe findings.....	11	117,700
11	Boots and shoes, including custom work and repairing	83	348,775
12	Boxes, fancy and paper	18	139,900
13	Boxes, wooden, packing	5	18,500
14	Brass castings	26	222,400
15	Bread and other bakery products	113	292,950
16	Bridges	9	53,000
17	Brooms and brushes	16	290,300
18	Carpentering	305	818,605
19	Carriage and wagon materials	3	52,000
20	Carriages and wagons	23	375,000
21	Cars, railroad, street, and repairs	3	100,000
22	Clothing, men's	222	4,200,133
23	Clothing, women's	24	319,900
24	Coffee and spices, roasted and ground	12	289,000
25	Coffins, burial cases, and undertakers' goods	9	27,300
26	Confectionery	33	251,475
27	Cooperage	21	79,467
28	Coppersmithing	8	107,200
29	Cordage and twine	7	706,550
30	Cork cutting	4	32,434
31	Corsets	5	45,000
32	Cotton goods	4	143,000
33	Cutlery and edge tools	11	34,600
34	Drugs and chemicals	11	200,500
35	Dyeing and cleaning	20	41,200
36	Electrical apparatus and supplies	9	162,500
37	Electroplating	19	113,450
38	Engraving and die-sinking	22	53,150
39	Engraving, steel	5	7,600
40	Engraving, wood	11	20,135
41	Fancy articles	6	17,500
42	Fertilizers	5	568,000
43	Filcs	7	57,200
44	Flavoring extracts	6	65,500
45	Flouring and grist-mill products	8	510,000
46	Foundry and machine-shop products	134	4,824,833
47	Fruits and vegetables, canned and preserved	8	242,700
48	Furnishing goods, men's	15	69,800
49	Furniture	123	1,888,875
50	Furniture, chairs	7	70,000
51	Furs, dressed	13	64,547
52	Glass, cut, stained, and ornamented	10	55,650
53	Gold and silver leaf and foil	5	19,300
54	Grease and tallow	4	892,000
55	Hairwork	13	23,600
56	Hand-stamps	5	9,500
57	Hardware	11	117,850
58	Hardware, saddlery	3	26,000
59	Hats and caps, not including wool hats	27	166,200
60	Housefurnishing goods	5	30,700

TABLE LIII.—*Manufactures of 20 principal cities: 1880—Continued.*

CITY OF BOSTON.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
33,810	18,150	1,253	Dollars. 24,924,009	Dollars. 81,688,160	Dollars. 130,531,993	
16	162	-----	25,540	21,350	124,900	1
12	40	1	21,180	43,840	77,150	2
40	36	8	25,530	160,230	305,230	3
28	-----	-----	16,283	100,000	204,000	4
43	-----	-----	20,000	42,700	88,300	5
38	44	-----	28,080	204,000	324,400	6
576	-----	7	278,741	192,544	665,525	7
423	596	31	402,082	359,790	986,416	8
57	269	8	61,075	243,600	352,200	9
104	71	15	63,012	258,975	389,883	10
1,015	306	29	514,356	1,158,366	1,928,740	11
80	442	16	115,432	176,937	380,062	12
46	-----	1	16,507	50,998	80,900	13
244	2	4	121,532	198,203	410,553	14
484	128	18	265,927	946,803	1,471,582	15
132	-----	-----	61,620	206,300	325,500	16
246	107	5	168,921	401,392	823,290	17
2,419	-----	14	1,163,048	1,841,710	3,748,358	18
23	-----	-----	15,363	70,000	110,770	19
419	1	-----	222,567	259,891	632,085	20
100	-----	-----	45,329	61,399	127,225	21
2,246	0,844	190	3,418,126	9,844,168	16,157,892	22
229	1,740	17	423,573	1,028,135	1,808,520	23
88	53	-----	70,089	1,243,871	1,448,869	24
33	-----	-----	18,956	18,625	52,950	25
275	235	5	193,436	1,059,225	1,606,214	26
119	-----	-----	51,532	80,874	188,560	27
141	-----	5	85,850	115,800	249,100	28
343	108	19	134,995	774,925	1,124,400	29
34	16	6	15,749	62,467	106,125	30
19	242	10	59,240	105,000	226,600	31
33	81	80	54,200	161,000	275,000	32
41	-----	1	19,198	17,070	58,500	33
104	10	1	51,584	321,132	450,961	34
71	141	3	65,782	27,360	135,371	35
86	1	1	48,308	44,506	119,289	36
91	4	2	41,241	53,990	147,550	37
137	33	4	83,850	68,302	224,031	38
11	3	2	6,950	3,040	18,700	39
62	-----	2	40,125	4,250	83,975	40
26	18	11	11,580	23,100	48,200	41
254	-----	-----	136,427	805,490	1,231,170	42
61	4	-----	23,448	11,700	57,133	43
23	30	2	19,660	172,400	296,500	44
69	-----	-----	40,792	1,009,610	1,101,000	45
3,813	13	19	2,008,609	2,739,690	6,234,775	46
97	181	39	83,997	496,250	681,188	47
25	152	5	47,300	219,250	377,925	48
2,269	70	26	1,078,199	2,611,807	3,867,917	49
102	2	-----	49,261	170,279	257,238	50
42	73	2	31,016	170,177	263,250	51
77	12	3	48,511	34,630	114,340	52
31	16	5	20,085	65,900	96,175	53
98	-----	2	54,880	436,210	564,868	54
9	63	-----	20,441	33,360	72,400	55
12	-----	-----	4,867	8,750	20,356	56
46	4	1	22,575	22,430	79,000	57
39	1	2	17,720	9,500	36,300	58
222	167	13	146,252	196,592	441,276	59
25	10	4	11,575	22,750	46,200	60

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BOSTON—Continued.*

	Mechanical and manufacturing industries.	No. of establishments.	Capital. <i>Dollars.</i>
61	Hosiery and knit goods.....	9	156,800
62	Instruments, professional and scientific.....	12	81,000
63	Iron and steel.....	5	1,624,408
64	Iron bolts, nuts, washers, and rivets.....	3	30,000
65	Iron forgings.....	3	420,000
66	Japanning.....	6	4,600
67	Jewelry.....	28	193,100
68	Kindling wood.....	3	19,000
69	Labels and tags.....	5	288,000
70	Lapidary work.....	4	30,000
71	Lasts.....	3	10,500
72	Leather, curried.....	20	420,800
73	Leather, dressed skins.....	8	315,500
74	Liquors, distilled.....	3	245,000
75	Liquors, malt.....	18	2,574,400
76	Lithographing.....	9	487,550
77	Lock- and gun-smithing.....	20	29,000
78	Looking-glass and picture frames.....	45	128,700
79	Lumber, planed.....	11	372,500
80	Marble and stone work.....	43	698,600
81	Masonry, brick and stone.....	101	284,725
82	Mattresses and spring beds.....	19	181,387
83	Millinery and lace goods.....	4	38,500
84	Mineral and soda waters.....	8	74,600
85	Mixed textiles.....	5	600,000
86	Models and patterns.....	22	24,850
87	Musical instruments and materials (not specified).....	6	28,200
88	Musical instruments, organs, and materials.....	8	445,200
89	Musical instruments, pianos, and materials.....	23	1,078,000
90	Oil, illuminating, not including petroleum refining.....	3	90,000
91	Painting and paperhanging.....	230	256,828
92	Paints.....	6	241,500
93	Patent medicines and compounds.....	21	179,650
94	Perfumery and cosmetics.....	7	21,500
95	Photographing.....	41	103,800
96	Pickles, preserves, and sauces.....	4	12,500
97	Plumbing and gasfitting.....	117	232,550
98	Pocket-books.....	3	2,400
99	Printing and publishing.....	145	2,496,535
100	Printing materials.....	4	15,300
101	Refrigerators.....	5	52,350
102	Roofing and roofing materials.....	41	173,625
103	Rubber and elastic goods.....	10	1,095,000
104	Saddlery and harness.....	63	175,800
105	Sash, doors, and blinds.....	12	73,600
106	Scales and balances.....	3	49,000
107	Sewing machines and attachments.....	3	243,000
108	Shipbuilding.....	116	1,451,850
109	Shirts.....	7	69,300
110	Show-cases.....	5	10,800
111	Silk and silk goods.....	9	132,800
112	Silversmithing.....	5	4,250
113	Slaughtering and meat-packing, not including retail butchering establishments.....	21	918,000
114	Soap and candles.....	11	161,400
115	Soda-water apparatus.....	3	95,000
116	Spectacles and eyeglasses.....	7	8,200
117	Sporting goods.....	3	8,000
118	Springs, steel, car and carriage.....	5	4,450
119	Stationery goods.....	10	48,800
120	Steam fittings and heating apparatus.....	9	269,500
121	Stencils and brands.....	12	28,500
122	Stereotyping and electrotyping.....	5	38,000
123	Stone- and earthen-ware.....	5	58,000
124	Straw goods.....	3	41,000
125	Sugar and molasses, refined.....	4	1,629,500

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BOSTON—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	
94	1,370	53	141,275	291,825	484,183	61
93	7	3	53,443	20,400	123,540	62
1,108	4	13	444,093	1,552,602	2,180,887	63
34	4	1	21,000	17,000	54,000	64
149	95	2	107,779	250,947	502,970	65
27	—	2	12,890	4,200	25,000	66
277	94	7	133,882	238,815	481,722	67
52	—	6	19,085	24,225	58,037	68
74	58	—	52,210	338,725	450,825	69
33	3	3	19,700	56,575	102,200	70
14	—	—	7,820	3,800	18,100	71
534	—	8	240,250	2,035,882	2,520,792	72
200	—	2	82,733	439,840	679,350	73
75	—	2	35,000	415,500	596,500	74
1,014	—	—	486,448	2,401,150	4,420,204	75
576	98	22	336,327	437,300	980,020	76
50	—	1	21,019	22,805	66,560	77
267	8	13	147,775	263,895	533,097	78
233	—	5	109,754	261,500	430,810	79
1,032	—	—	387,113	674,141	1,442,861	80
1,178	—	—	515,208	612,351	1,392,231	81
169	123	12	124,063	469,722	677,792	82
15	109	20	33,306	224,900	317,000	83
99	—	1	51,340	137,084	239,644	84
106	402	28	175,010	581,472	909,000	85
84	2	1	59,564	13,640	88,455	86
39	1	—	19,550	7,307	86,000	87
512	8	—	319,504	414,090	904,792	88
1,107	11	3	633,867	943,069	2,166,966	89
11	—	—	6,500	300,000	345,000	90
1,091	2	7	490,361	391,680	1,204,861	91
69	2	2	38,830	281,400	390,900	92
67	56	2	49,647	345,850	771,631	93
23	17	—	12,690	69,590	126,000	94
121	59	6	92,581	68,047	231,935	95
9	10	2	6,580	34,500	78,000	96
568	3	18	291,156	467,607	973,588	97
5	1	1	1,650	2,550	7,000	98
2,342	436	98	1,783,913	1,355,668	5,409,518	99
12	1	2	8,460	12,000	28,050	100
64	—	—	22,450	44,400	87,700	101
238	—	—	109,142	249,705	465,567	102
407	506	10	362,106	1,304,347	2,095,460	103
390	21	7	164,357	248,052	550,558	104
86	3	4	39,625	124,480	195,045	105
39	1	4	23,770	11,440	51,613	106
41	—	—	29,358	33,870	102,700	107
841	—	—	536,458	724,422	1,479,148	108
34	159	3	44,026	206,800	329,800	109
17	—	1	8,900	10,460	29,980	110
81	202	37	106,845	222,815	443,425	111
11	2	—	5,811	4,176	16,235	112
211	—	—	153,263	6,503,139	7,096,777	113
59	14	—	33,730	124,000	208,633	114
189	5	6	73,335	279,638	487,306	115
18	2	1	11,500	4,620	25,730	116
8	18	—	5,920	2,950	10,500	117
13	—	—	2,750	9,500	18,509	118
73	11	3	41,655	103,870	207,050	119
186	—	17	97,989	228,918	393,780	120
28	3	4	16,660	14,525	53,200	122
96	2	—	59,021	34,998	115,630	123
72	6	4	33,450	23,735	97,900	121
33	125	5	51,227	122,974	229,295	124
395	—	—	202,061	15,544,084	16,518,760	125

TABLE LIII.—Manufactures of 20 principal cities: 1880—BOSTON—Continued.

	Mechanical and manufacturing industries.	No. of establishments.	Capital. <i>Dollars.</i>
126	Surgical appliances	5	80,500
127	Taxidermy	3	1,800
128	Tinware, copperware, and sheet-iron ware	94	322,280
129	Tobacco, cigars, and cigarettes	88	135,556
130	Trunks and valises	20	104,500
131	Type founding	3	73,200
132	Umbrellas and canes	3	17,000
133	Upholstering	41	123,737
134	Varnish	3	65,000
135	Watch and clock repairing	6	6,700
136	Watch cases	5	65,000
137	Whalebone and rattan	4	24,500
138	Wheelwrighting	56	90,225
139	Window blinds and shades	12	19,250
140	Wirework	15	69,400
141	Wooden ware	3	6,000
142	Wood, turned and carved	44	327,960
143	Miscellaneous industries (a)	116	4,142,030

a The 116 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: agricultural implements; artificial limbs; bags, other than paper; bags, paper; baskets, rattan and willow ware; belting and hose, linen; boot and shoe uppers; boxes, cigar; brick and tile; buttons; carpets, other than rag; carpets, rag; carpets, wood; carriages and sleds, children's; cement; cheese and butter; chocolate; cleansing and polishing preparations; clocks; cloth-finishing; collars and cuffs, paper; cordials and sirups; cotton-ties; drain and sewer pipe; dyeing and finishing textiles; dyestuffs and extracts; engravers' materials; explosives and fireworks; fire-arms; food preparations; foundry supplies; gas and lamp fixtures; gas machines and meters; glass; glue; graphite; grind-

CITY OF BROOKLYN.

	All industries	5,201	61,646,749
1	Artificial feathers and flowers	9	11,550
2	Awnings and tents	12	7,200
3	Bags, paper	3	2,200
4	Baskets, rattan and willow ware	12	10,025
5	Blacksmithing	222	194,573
6	Bookbinding and blank-book making	4	4,500
7	Boots and shoes, including custom work and repairing	546	311,835
8	Boxes, cigar	3	28,000
9	Boxes, fancy and paper	12	49,050
10	Boxes, wooden, packing	7	998,500
11	Brass castings	18	151,350
12	Brass ware	7	38,800
13	Bread and other bakery products	532	1,020,375
14	Brick and tile	6	113,000
15	Brooms and brushes	33	69,375
16	Buttons	5	33,000
17	Carpentering	300	1,229,678
18	Carpets, rag	13	2,850
19	Carriages and wagons	90	484,350
20	Cars, railroad, street, and repairs	7	61,774
21	Cleansing and polishing preparations	6	112,000
22	Clothing, men's	328	952,445
23	Clothing, women's	25	157,425
24	Coffee and spices, roasted and ground	5	70,000
25	Coffins, burial cases, and undertakers' goods	3	47,000
26	Confectionery	104	236,279
27	Cooperage	42	912,700
28	Coppersmithing	10	18,900
29	Cordage and twine	12	2,506,700
30	Cork cutting	8	102,800

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BOSTON—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	
30	19	2	28,300	43,000	106,000	126
7	2	-----	2,900	5,100	14,000	127
520	23	16	253,033	531,861	1,055,472	128
333	103	15	190,976	253,413	524,283	129
153	6	-----	82,665	235,503	400,708	130
75	56	5	65,500	55,500	162,000	131
7	15	-----	8,811	28,425	50,046	132
179	45	3	105,103	210,267	390,848	133
16	-----	-----	9,600	176,000	235,000	134
12	-----	-----	5,504	1,162	12,000	135
103	16	3	86,142	274,480	457,371	136
31	21	2	19,115	41,044	69,417	137
213	-----	-----	93,735	73,477	232,965	138
46	11	-----	18,140	40,760	76,345	139
107	16	11	55,106	104,771	214,507	140
21	-----	-----	8,950	13,800	33,500	141
441	1	8	208,829	433,855	791,355	142
4,265	1,103	100	1,399,393	4,090,581	8,041,397	143

stones; hat and cap materials; bones and whetstones; ink; iron doors and shutters; iron nails and spikes, cut and wrought; iron work, architectural and ornamental; jewelry and instrument cases; lamps and reflectors; lard, refined; lead, bar, pipe, sheet, and shot; leather goods; lime; lumber; sawed; malt; matches; millstones; mirrors; needles and pins; nets and seines; oilcloth, floor; oleomargarine; pens, gold; photographic apparatus; plated and britannia ware; regalias and society banners and emblems; rules, ivory and wood; safes, doors, and vaults, fire-proof; saws; shoddy; silverware; smelting and refining; starch; telegraph and telephone apparatus; terra-cotta ware; tobacco; chewing, smoking, and snuff; toys and games; tools; veneering; vinegar; washing-machines and clothes-wringers; watches; and woolen goods.

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37,105	7,020	3,462	22,437,457	129,085,091	177,223,142	
2	106	5	16,170	16,321	45,240	1
15	7	-----	9,310	14,559	35,843	2
-----	5	-----	1,420	8,390	12,765	3
24	3	12	11,033	14,206	35,233	4
371	-----	4	232,202	130,655	622,780	5
10	3	-----	7,008	3,080	17,691	6
944	213	34	502,824	852,168	1,819,993	7
49	0	2	27,083	42,100	77,700	8
50	88	8	45,089	79,068	158,826	9
540	-----	62	243,512	1,286,630	1,767,640	10
117	-----	4	50,540	244,747	364,875	11
62	25	15	33,122	57,843	112,759	12
1,017	7	16	596,600	3,695,720	5,594,975	13
134	-----	1	72,774	69,326	201,084	14
134	47	29	59,372	96,074	207,792	15
23	120	15	80,537	16,363	54,813	16
1,896	-----	2	1,325,540	2,967,855	5,134,407	17
14	2	-----	4,543	11,332	21,741	18
481	-----	8	289,155	328,425	829,492	19
22	-----	-----	65,329	59,206	137,055	20
44	1	4	24,935	26,019	114,750	21
973	274	13	686,311	1,571,974	2,937,262	22
41	501	10	189,480	380,223	711,249	23
42	-----	1	28,998	152,842	280,874	24
41	-----	-----	22,362	24,503	63,269	25
165	22	4	79,477	501,768	822,843	26
1,111	5	242	505,010	1,583,987	2,512,741	27
27	-----	-----	11,365	24,455	47,629	28
645	503	361	380,223	3,206,319	3,015,566	29
50	31	16	31,220	100,443	161,853	30

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BROOKLYN—Continued.*

	Mechanical and manufacturing industries.	No. of establishments.	Capital.
			Dollars.
31	Cutlery and edge tools.....	5	2,600
32	Dentistry, mechanical.....	67	59,200
33	Drugs and chemicals.....	38	3,449,650
34	Dyeing and cleaning.....	20	23,250
35	Electroplating.....	6	10,650
36	Fancy articles.....	14	81,400
37	Fertilizers.....	3	545,000
38	Files.....	12	25,750
39	Flouring- and grist-mill products.....	9	662,500
40	Food preparations.....	9	155,250
41	Foundry and machine-shop products.....	121	4,079,250
42	Furniture.....	88	405,650
43	Furniture, chairs.....	11	41,110
44	Furs, dressed.....	22	416,265
45	Glass.....	12	930,600
46	Glass, cut, stained, and ornamented.....	8	22,150
47	Gold and silver leaf and foil.....	3	4,500
48	Grease and tallow.....	3	51,070
49	Hairwork.....	22	44,150
50	Hardware.....	34	432,550
51	Hats and caps, not including wool hats.....	32	533,915
52	Ink.....	3	250,000
53	Instruments, professional and scientific.....	12	110,200
54	Iron bolts, nuts, washers, and rivets.....	12	114,639
55	Iron railing, wrought.....	15	73,147
56	Ivory and bone work.....	8	10,442
57	Jute and jute goods.....	3	300,000
58	Kindling wood.....	28	211,900
59	Leather, dressed skins.....	20	691,650
60	Lime and cement.....	7	77,000
61	Liquors, malt.....	41	3,838,500
62	Lock- and gun-smithing.....	28	27,100
63	Looking-glass and picture frames.....	17	32,050
64	Lumber, planed.....	12	676,500
65	Malt.....	4	262,000
66	Marble and stone work.....	92	738,300
67	Masonry, brick and stone.....	75	123,295
68	Mats and matting.....	7	183,650
69	Mattresses and spring beds.....	7	31,100
70	Millinery and lace goods.....	13	140,700
71	Mineral and soda waters.....	21	107,800
72	Mixed textiles.....	11	338,300
73	Models and patterns.....	9	11,250
74	Musical instruments and materials (not specified).....	9	13,500
75	Musical instruments, organs, and materials.....	4	7,700
76	Musical instruments, pianos, and materials.....	11	195,775
77	Oil, lubricating.....	3	22,000
78	Oil, resin.....	3	82,523
79	Painting and paperhanging.....	271	335,465
80	Paints.....	26	2,602,800
81	Paperhangings.....	3	285,000
82	Paper patterns.....	4	105,100
83	Patent medicines and compounds.....	6	550,000
84	Photographing.....	35	88,950
85	Pickles, preserves, and sauces.....	7	34,400
86	Plumbing and gasfitting.....	216	352,690
87	Printing and publishing.....	64	889,254
88	Pumps, not including steam pumps.....	6	10,150
89	Roofing and roofing materials.....	29	82,975
90	Rubber and elastic goods.....	6	298,837
91	Saddlery and harness.....	23	105,877
92	Sash, doors, and blinds.....	24	368,350
93	Sewing machines and attachments.....	15	10,725
94	Shipbuilding.....	58	768,050
95	Shirts.....	25	97,300

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BROOKLYN—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			Dollars.	Dollars.	Dollars.	
6	—	—	3,626	1,705	10,450	31
39	—	2	17,741	28,521	137,271	32
808	129	24	473,358	3,446,549	4,900,338	33
40	8	—	22,349	178,667	236,007	34
11	4	15	9,371	3,630	21,632	35
63	3	14	34,827	27,535	90,789	36
84	5	—	61,000	1,063,867	1,252,756	37
58	3	15	20,192	21,978	68,509	38
139	5	—	98,655	2,615,270	2,896,503	39
63	12	4	33,853	192,882	268,823	40
3,750	—	140	2,283,934	3,146,992	6,084,832	41
608	6	18	315,430	430,135	952,472	42
88	—	2	50,658	49,195	121,703	43
251	199	23	137,374	555,154	830,804	44
1,138	36	660	630,857	480,593	1,318,081	45
14	—	6	9,614	15,698	33,461	46
1	5	—	2,434	28,174	43,178	47
11	—	—	6,809	304,740	358,215	48
17	82	1	23,683	44,043	101,395	49
391	28	22	193,186	401,251	750,297	50
905	378	100	626,504	990,218	1,978,145	51
23	—	—	18,750	124,000	189,410	52
108	2	10	65,515	35,018	144,011	53
91	—	12	43,456	103,552	185,245	54
79	—	1	53,468	56,748	141,897	55
54	—	14	23,949	22,571	61,355	56
197	282	—	132,621	415,788	650,590	57
235	2	53	116,932	276,907	483,368	58
511	21	31	248,932	1,258,407	1,755,144	59
49	—	—	20,914	45,192	98,608	60
1,082	—	—	538,594	2,729,792	4,871,772	61
26	—	3	10,793	11,867	43,984	62
39	—	7	23,866	56,725	106,056	63
492	—	38	230,827	1,271,817	1,707,821	64
37	—	—	24,375	323,915	433,290	65
730	—	1	521,858	554,084	1,320,234	66
551	—	1	374,569	594,426	1,079,809	67
183	12	70	116,020	203,427	385,340	68
24	—	—	13,268	67,640	137,070	69
33	84	10	48,710	339,634	476,262	70
63	—	5	29,475	63,196	155,177	71
98	122	30	99,430	263,097	423,239	72
25	—	—	18,530	5,643	37,530	73
39	1	6	20,543	56,483	102,724	74
8	—	—	6,139	4,237	18,076	75
115	1	8	68,984	122,810	252,983	76
7	—	—	3,941	31,221	43,645	77
23	—	—	14,500	180,622	238,471	78
938	14	22	558,040	496,527	1,389,719	79
826	80	5	478,376	4,023,500	5,284,201	80
230	50	92	175,733	783,753	1,382,862	81
13	84	—	40,538	44,000	512,550	82
57	59	1	56,411	274,474	730,046	83
64	18	2	37,455	26,685	141,947	84
17	1	—	5,908	38,830	69,500	85
668	—	23	377,195	701,530	1,399,092	86
693	257	72	522,075	452,610	1,549,743	87
17	—	—	9,708	8,156	24,190	88
196	—	3	98,443	160,974	447,259	89
185	60	28	120,885	664,335	922,857	90
128	42	15	73,437	151,848	300,425	91
393	—	40	130,509	398,679	738,722	92
24	10	5	16,780	6,244	34,158	93
957	—	—	746,856	1,044,724	1,999,788	94
57	240	7	105,723	260,511	439,060	95

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BROOKLYN—Continued.*

	Mechanical and manufacturing industries.	No. of establishments.	Capital.
			<i>Dollars.</i>
96	Silk and silk goods	15	559,325
97	Slaughtering and meat-packing, not including retail butchering establishments.	28	1,125,000
98	Soap and candles	8	338,000
99	Spectacles and eyeglasses	3	39,300
100	Sporting goods	11	65,750
101	Stamped ware	6	870,000
102	Stationery goods	7	325,800
103	Stone- and earthen-ware	4	198,600
104	Sugar and molasses, refined	11	10,946,000
105	Surgical appliances	6	10,650
106	Tinware, copperware, and sheet-iron ware	119	156,350
107	Tobacco, chewing, smoking, and snuff	10	1,059,590
108	Tobacco, cigars, and cigarettes	341	376,590
109	Toys and games	10	255,775
110	Trunks and valises	7	89,800
111	Umbrellas and canes	9	18,600
112	Upholstering	73	584,535
113	Varnish	8	716,800
114	Vinegar	7	63,712
115	Watch and clock repairing	109	82,668
116	Watch cases	4	156,565
117	Window blinds and shades	12	294,450
118	Wirework	10	240,778
119	Wooden ware	3	9,250
120	Wood, turned and carved	19	95,300
121	Zinc	3	26,500
122	Miscellaneous industries (a)	78	5,231,247

a The 78 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: agricultural implements; rabbit metal and solder; baking and yeast powders; belting and hose; leather; billiard tables and materials; bone, ivory, and lamp-black; boot and shoe findings; brass and copper, rolled; carpets, wood; carriages and sleds, children's; clocks; corsets; cotton goods; dyeing and finishing textiles; dyestuffs and extracts; engraving, wood; envelopes; explosives and fireworks; felt goods; gas and lamp fixtures; gloves and mittens; glue; gold and silver, reduced and refined;

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	All industries	1,183	26,847,937
1	Agricultural implements	4	341,500
2	Baking and yeast powders	7	38,200
3	Belting and hose, leather	3	120,000
4	Billiard tables and materials	3	13,500
5	Blacksmithing	59	66,175
6	Bookbinding and blank-book making	6	73,800
7	Boots and shoes, including custom work and repairing	131	490,146
8	Boxes, fancy and paper	4	10,500
9	Boxes, wooden, packing	6	27,590
10	Brass castings	7	40,600
11	Bread and other bakery products	59	352,550
12	Brick and tile	9	161,405
13	Brooms and brushes	8	13,700
14	Carpentering	15	45,600
15	Carriages and sleds, children's	3	47,800
16	Carriages and wagons	23	295,900
17	Clothing, men's	52	1,090,900
18	Coffee and spices, roasted and ground	5	120,300
19	Confectionery	10	173,700
20	Cooperage	17	251,857

TABLE LIH.—*Manufactures of 20 principal cities: 1880—BROOKLYN—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
147	453	107	<i>Dollars.</i> 231,135	<i>Dollars.</i> 443,135	<i>Dollars.</i> 853,480	96
260	-----	-----	194,568	7,240,450	8,010,482	97
101	4	13	55,642	587,036	799,053	98
75	15	20	36,556	5,300	68,000	99
77	24	24	45,112	32,487	103,826	100
858	112	40	394,779	936,084	1,556,829	101
63	91	28	65,390	226,237	386,097	102
175	113	10	102,053	56,960	194,284	103
2,054	-----	13	954,929	56,423,898	59,711,168	104
4	2	-----	5,294	7,686	17,968	105
268	2	14	150,331	346,867	619,134	106
129	466	1	198,770	931,250	2,302,703	107
519	17	56	228,141	231,589	977,480	108
146	199	43	109,958	142,769	332,146	109
59	18	16	32,138	88,249	146,344	110
4	8	-----	4,066	14,305	28,773	111
197	135	35	145,950	483,514	784,112	112
70	-----	3	47,186	353,205	374,655	113
16	-----	-----	6,974	54,630	77,019	114
133	8	11	76,171	53,319	221,723	115
261	22	12	249,816	717,177	1,109,046	116
129	8	3	82,171	224,722	475,805	117
128	23	21	83,690	97,641	228,204	118
20	-----	1	9,477	21,150	36,264	119
78	-----	6	39,866	52,411	139,255	120
14	-----	-----	11,502	10,520	38,385	121
3,060	923	438	1,601,160	8,546,026	12,063,141	122

hat and cap materials; housefurnishing goods; iron and steel; iron forgings; japanning; jewelry; jewelry and instrument cases; lamps and reflectors; lead, bar, pipe, sheet, and shot; leather, tanned; liquors, distilled; lithographing; oilcloth, floor; oil, essential; oil, linseed; oleomargarine; paper (not specified); paving materials; pencils, lead; pens, gold; photographic apparatus; plated and britannia ware; pocket-books; printing materials; racking hose; refrigerators; regalia and society banners and emblems; sand and emery paper and cloth; saws; straw goods; taxidermy; upholstering materials; watch and clock materials; whalebone and rattan; wheelbarrows; wire; wood preserving; and woolhats.

CITY OF BUFFALO.

15,033	1,795	1,193	7,442,109	27,552,086	42,937,701	
255	-----	-----	86,773	129,800	423,500	1
13	1	1	6,350	61,800	79,400	2
39	-----	21	18,500	285,000	322,000	3
5	-----	1	3,500	7,100	16,060	4
65	-----	4	33,227	41,108	121,945	5
37	44	3	30,600	53,000	104,100	6
549	84	47	268,309	579,157	1,068,256	7
10	72	12	15,100	44,190	72,225	8
43	-----	-----	14,053	34,550	61,812	9
37	-----	4	18,990	36,378	71,400	10
238	43	27	125,805	605,993	924,420	11
256	-----	70	100,750	45,270	201,040	12
10	7	4	8,798	23,379	43,892	13
150	-----	-----	56,780	127,275	224,100	14
29	4	-----	14,000	37,500	75,400	15
281	-----	7	143,221	184,081	410,631	16
649	853	11	576,425	1,798,067	2,747,475	17
22	4	3	11,700	187,000	230,500	18
121	75	17	77,770	262,680	433,898	19
315	-----	26	130,340	232,245	432,162	20

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BUFFALO—Continued.*

Mechanical and manufacturing industries.		No. of establishments.	Capital.
			<i>Dollars.</i>
21	Cutlery and edge tools.....	6	98,400
22	Dentistry, mechanical.....	7	5,875
23	Drugs and chemicals.....	5	314,600
24	Dyeing and cleaning.....	4	31,350
25	Engraving, steel.....	4	4,100
26	Engraving, wood.....	5	6,600
27	Fries.....	5	12,400
28	Flouring- and grist-mill products.....	7	940,000
29	Foundry and machine-shop products.....	41	3,080,913
30	Furniture.....	33	578,200
31	Furs, dressed.....	5	85,000
32	Glucose.....	3	1,750,000
33	Hardware.....	9	230,000
34	Hats and caps, not including wool hats.....	6	17,950
35	Iron and steel.....	4	1,790,000
36	Iron forgings.....	3	255,000
37	Leather, curried.....	3	93,000
38	Leather, tanned.....	7	1,677,000
39	Liquors, malt.....	28	1,859,975
40	Lithographing.....	4	190,000
41	Lock- and gun-smithing.....	4	4,500
42	Looking-glass and picture frames.....	8	39,700
43	Lumber, planed.....	17	1,183,000
44	Malt.....	34	1,342,000
45	Marble and stone work.....	21	274,050
46	Masonry, brick and stone.....	16	27,250
47	Mattresses and spring beds.....	7	19,098
48	Musical instruments, pianos, and materials.....	3	46,000
49	Painting and paperhanging.....	29	40,157
50	Patent medicines and compounds.....	12	1,098,100
51	Photographing.....	21	46,500
52	Plumbing and gasfitting.....	17	99,300
53	Printing and publishing.....	31	819,000
54	Pumps, not including steam pumps.....	4	13,000
55	Refrigerators.....	4	125,000
56	Roofing and roofing materials.....	5	19,321
57	Saddlery and harness.....	31	87,814
58	Shipbuilding.....	17	576,500
59	Shirts.....	7	20,800
60	Slaughtering and meat-packing, not including retail-butcher- ing establishments.....	6	872,500
61	Soap and candles.....	7	579,000
62	Starch.....	3	245,000
63	Stereotyping and electrotyping.....	3	39,000
64	Stone- and earthen-ware.....	3	8,500
65	Tinware, copperware, and sheet-iron ware.....	53	203,050
66	Tobacco, cigars, and cigarettes.....	40	196,929
67	Trunks and valises.....	6	38,600
68	Upholstering.....	6	4,450
69	Vinegar.....	6	52,100
70	Watch and clock repairing.....	16	18,000
71	Wheelwrighting.....	35	83,325
72	Wirework.....	5	119,800
73	Wood, turned and carved.....	5	46,000
74	Miscellaneous industries (a).....	81	2,264,382

a The 81 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: artificial limbs; awnings and tents; baskets, rattan and willow ware; bluing; boot and shoe findings; boot and shoe uppers; boxes, cigar; bridges; carriage and wagon materials; cars, railroad, street, and repairs; coffins, burial cases, and undertakers' goods; cordage and twine; dentists' materials; drain and sewer pipe; electrical apparatus and supplies; electroplating; envelopes; fertilizers; flavoring extracts; fruits and vegetables, canned and preserved; furniture, chairs; glass, cut, stained, and ornamented; gloves and mittens; glue; gold and silver leaf and foil; gold and silver, reduced and

TABLE LIII.—*Manufactures of 20 principal cities: 1880—BUFFALO—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
83	-----	14	<i>Dollars.</i> 46,039	<i>Dollars.</i> 50,900	<i>Dollars.</i> 115,100	21
6	-----	2	3,635	6,800	22,500	22
54	14	1	25,000	137,635	204,900	23
12	14	1	4,090	3,230	12,500	24
4	-----	-----	2,850	1,100	7,500	25
10	-----	-----	16,100	1,825	30,550	26
32	-----	1	13,625	6,000	29,500	27
120	-----	-----	58,984	2,081,532	2,251,848	28
2,011	-----	152	936,543	1,935,038	3,577,029	29
371	15	52	218,540	370,005	773,091	30
19	37	3	14,378	86,500	136,750	31
775	5	17	485,000	2,000,000	3,075,000	32
223	3	41	100,025	174,844	382,003	33
12	11	2	6,150	17,050	30,200	34
688	-----	25	212,278	635,353	887,012	35
180	-----	5	69,000	225,000	400,000	36
64	-----	2	26,233	439,250	510,500	37
375	-----	2	140,442	1,446,800	1,757,600	38
360	-----	-----	179,962	916,171	1,636,020	39
128	6	9	99,400	185,910	381,800	40
7	-----	-----	4,050	10,850	20,500	41
40	3	8	13,205	45,780	86,700	42
561	-----	59	243,820	784,541	1,219,406	43
275	-----	-----	91,840	1,512,752	2,002,893	44
477	7	2	189,649	132,829	433,023	45
123	-----	6	47,700	50,250	144,350	46
10	3	3	6,074	31,945	64,032	47
44	-----	-----	22,450	13,114	42,679	48
175	-----	6	98,070	110,185	258,488	49
78	47	2	60,471	261,345	654,027	50
28	4	7	15,388	13,275	64,800	51
152	-----	16	77,890	151,500	288,200	52
424	80	97	261,803	372,318	975,022	53
19	-----	-----	9,875	7,850	25,200	54
212	13	25	88,700	113,500	264,500	55
38	-----	-----	13,051	30,791	62,728	56
93	-----	2	41,483	80,498	165,844	57
709	-----	-----	328,390	455,252	859,756	58
10	61	2	21,760	24,360	66,500	59
289	-----	-----	170,433	3,023,924	3,441,280	60
153	4	48	81,095	881,114	1,176,840	61
184	40	15	77,691	378,176	625,390	62
30	-----	1	20,400	9,600	58,000	63
10	-----	-----	4,675	2,275	17,800	64
213	-----	21	115,417	269,470	492,317	65
250	11	41	114,470	241,758	464,946	66
43	-----	1	10,596	43,500	79,800	67
5	-----	1	1,960	8,200	15,600	68
18	-----	-----	9,842	53,406	84,200	69
25	-----	3	14,538	10,403	42,099	70
72	-----	4	31,795	33,854	107,603	71
93	10	42	59,305	114,614	203,500	72
86	6	19	35,910	56,630	115,526	73
1,490	214	175	613,535	2,663,781	4,028,591	74

refined; grease and tallow; hairwork; housefurnishing goods; ink; iron bolts, nuts, washers, and rivets; iron pipe, wrought; iron railing, wrought; iron work, architectural and ornamental; jewelry; lasts; lead, bar, pipe, sheet and shot; liquors, distilled; lumber, sawed; mantels, slate, marble, and marbled; masonry, brick and stone; millinery and lace goods; models and patterns; musical instruments, organs, and materials; oil, linseed, oil, lubricating; paints; paperhangings; paving materials; perfumery and cosmetics; scales and balances; show cases; silversmithing; springs, steel, car and carriage; stamped ware; stencils and brands; toys and games; type founding; umbrellas and canes; whips; and window blinds and shades.

TABLE LIII.—*Manufactures of 20 principal cities: 1880—Continued.*

CITY OF CHICAGO.

Mechanical and manufacturing industries.		No. of establish- ments.	Capital.
All industries		3, 519	<i>Dollars.</i> 68, 836, 885
1	Agricultural implements	3	3, 110, 000
2	Awnings and tents	8	10, 850
3	Baking and yeast powders	3	135, 000
4	Baskets, rattan and willow ware.....	11	107, 750
5	Billiard tables and materials.....	4	263, 200
6	Blacksmithing.....	146	110, 875
7	Bookbinding and blank-book making	26	176, 100
8	Boots and shoes, including custom work and repairing	133	997, 475
9	Boxes, cigar	6	54, 800
10	Boxes, fancy and paper	12	66, 200
11	Boxes, wooden, packing	14	525, 000
12	Brass castings	11	442, 500
13	Bread and other bakery products	118	553, 200
14	Brick and tile	35	348, 800
15	Bridges	3	348, 000
16	Brooms and brushes	41	243, 200
17	Carpentering	171	442, 950
18	Carpets, rag	5	1, 275
19	Carriages and wagons	40	1, 361, 580
20	Cars, railroad, street, and repairs	5	421, 500
21	Clothing, men's.....	102	6, 429, 650
22	Clothing, women's.....	19	353, 500
23	Coffee and spices, roasted and ground.....	10	477, 300
24	Coffins, burial cases, and undertakers' goods.....	5	179, 650
25	Confectionery	24	418, 200
26	Cooperage	65	325, 560
27	Coppersmithing	3	3, 100
28	Cork cutting	3	45, 800
29	Cutlery and edge tools	12	113, 700
30	Dentistry, mechanical	48	37, 000
31	Dentists' materials.....	3	11, 000
32	Drugs and chemicals.....	14	408, 500
33	Dyeing and cleaning	16	78, 350
34	Dyeing and finishing textiles	11	69, 850
35	Electrical apparatus and supplies	3	271, 200
36	Electroplating.....	9	24, 800
37	Engraving and die-sinking.....	5	18, 000
38	Engraving, wood	16	35, 825
39	Flavoring extracts	4	71, 200
40	Flouring- and grist-mill products	12	652, 100
41	Food preparations	5	89, 600
42	Foundry and machine-shop products	133	4, 455, 417
43	Fruits and vegetables, canned and preserved	5	90, 000
44	Furnishing goods, men's.....	13	586, 100
45	Furniture.....	149	2, 443, 175
46	Furniture, chairs	6	216, 500
47	Furs, dressed	10	160, 500
48	Gas and lamp fixtures	3	17, 100
49	Gas machines and meters.....	3	45, 500
50	Glass, cut, stained, and ornamented	6	39, 600
51	Gloves and mittens	7	50, 200
52	Gold and silver leaf and foil	3	22, 000
53	Grease and tallow	6	117, 000
54	Hairwork.....	15	48, 650
55	Hand-knit goods	7	14, 000
56	Handles, wooden.....	3	2, 850
57	Hand-stamps	4	5, 500
58	Hardware	13	124, 870
59	Hardware, saddlery	3	30, 100
60	Hats and caps, not including wool hats	11	18, 950

TABLE LIII.—*Manufactures of 20 principal cities: 1880—Continued.*

CITY OF CHICAGO.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
62,431	12,185	4,798	Dollars. 34,653,462	Dollars. 179,209,610	Dollars. 249,022,948	
981	-----	40	559,532	1,642,748	2,699,480	1
20	24	1	13,540	46,872	72,031	2
75	37	1	44,134	485,000	635,000	3
119	-----	14	48,750	54,225	120,400	4
300	-----	-----	137,225	283,900	665,400	5
335	-----	11	199,689	123,609	482,029	6
208	163	39	165,102	203,725	481,131	7
1,387	358	66	770,191	1,355,208	2,479,805	8
40	43	23	36,268	114,090	179,411	9
68	178	32	81,550	116,400	254,792	10
892	-----	95	414,953	1,271,682	1,883,073	11
517	-----	-----	232,125	361,700	737,500	12
680	159	37	398,081	1,817,078	2,618,186	13
1,176	13	61	454,557	128,573	800,400	14
642	-----	-----	311,763	1,473,000	1,974,000	15
255	106	46	132,830	271,337	517,324	16
1,733	1	58	893,642	1,337,890	2,598,508	17
3	1	-----	1,700	2,843	6,450	18
1,152	35	123	590,166	702,532	1,809,750	19
562	-----	20	286,742	675,291	1,043,682	20
4,101	4,001	374	3,530,169	11,631,764	17,842,207	21
72	1,488	23	334,885	1,017,720	1,685,990	22
185	40	45	137,496	2,342,021	2,808,879	23
107	12	2	67,020	164,500	290,600	24
310	163	132	211,604	1,424,830	1,953,558	25
686	-----	20	313,977	644,380	1,137,694	26
10	-----	-----	4,460	4,820	14,200	27
24	15	17	22,103	125,038	217,220	28
135	8	27	69,581	49,670	177,000	29
28	2	2	14,000	25,000	144,000	30
18	5	-----	11,300	12,000	48,000	31
165	45	11	93,440	617,800	959,850	32
74	13	7	47,023	46,815	140,461	33
72	13	7	46,519	45,565	135,521	34
127	25	-----	100,603	143,587	543,000	35
31	2	6	18,645	9,820	59,000	36
22	3	-----	17,397	13,550	49,000	37
66	3	8	51,785	12,970	116,775	38
65	40	5	36,730	334,500	461,500	39
176	-----	-----	103,542	1,939,709	2,217,564	40
27	12	8	15,940	58,590	119,000	41
4,736	6	145	2,371,361	5,088,019	8,934,629	42
113	40	27	58,700	417,415	587,223	43
144	1,119	47	392,700	1,143,275	1,835,597	44
4,100	57	347	2,028,371	2,996,088	6,177,114	45
278	-----	57	121,200	130,440	334,072	46
49	88	2	51,058	227,000	370,000	47
46	1	2	18,600	41,225	96,000	48
42	-----	-----	19,723	28,884	64,800	49
76	1	3	47,545	38,564	113,612	50
36	109	5	40,075	110,150	170,800	51
84	45	2	25,750	41,000	85,000	52
111	-----	-----	64,044	1,123,025	1,327,000	53
8	110	-----	26,782	65,300	135,915	54
4	106	9	14,065	43,470	64,072	55
4	-----	2	1,950	4,485	9,000	56
11	1	1	7,140	11,600	26,050	57
136	-----	31	70,293	89,395	244,018	58
32	1	20	18,200	48,200	87,000	59
34	27	7	28,226	36,500	88,200	60

TABLE LIII.—*Manufactures of 20 principal cities: 1880—CHICAGO—Continued.*

	Mechanical and manufacturing industries.	No. of establish- ments.	Capital.
			<i>Dollars.</i>
61	Hosiery and knit goods	7	57,800
62	Ink	3	33,750
63	Iron and steel	11	3,875,000
64	Iron doors and shutters	3	7,500
65	Iron forgings	4	135,800
66	Iron railing, wrought	5	10,000
67	Iron work, architectural and ornamental	11	64,000
68	Japanning	3	9,100
69	Jewelry	11	48,600
70	Lamps and reflectors	4	453,500
71	Lasts	3	16,500
72	Leather, curried	9	481,002
73	Leather, tanned	19	1,932,998
74	Liquors, distilled	7	1,175,000
75	Liquors, malt	18	3,395,500
76	Lithographing	13	494,150
77	Lock- and gun-smithing	14	10,400
78	Looking-glass and picture frames	52	338,675
79	Lumber, planed	15	471,003
80	Malt	16	870,200
81	Marble and stone work	43	401,150
82	Masonry, brick and stone	50	241,250
83	Mattresses and spring beds	24	216,950
84	Millinery and lace goods	12	108,100
85	Mineral and soda waters	13	120,150
86	Models and patterns	16	11,400
87	Musical instruments, organs, and materials	9	61,500
88	Musical instruments, pianos, and materials	5	20,300
89	Oil, lard	3	160,000
90	Oil, linseed	5	655,000
91	Oleomargarine	3	208,800
92	Painting and paperhanging	134	280,207
93	Paints	12	785,500
94	Patent medicines and compounds	12	176,050
95	Paving materials	3	58,500
96	Photographing	47	181,625
97	Pickles, preserves, and sauces	6	27,000
98	Pipes, tobacco	5	6,700
99	Plumbing and gasfitting	86	108,201
100	Pocket-books	3	22,300
101	Printing and publishing	135	2,886,400
102	Printing materials	4	20,200
103	Roofing and roofing materials	15	192,521
104	Rubber and elastic goods	3	10,500
105	Saddlery and harness	82	219,250
106	Sash, doors, and blinds	27	1,213,538
107	Saws	6	40,300
108	Scales and balances	4	51,450
109	Sewing-machine cases	6	70,800
110	Sewing machines and attachments	11	91,300
111	Shirts	28	156,450
112	Shipbuilding	21	355,000
113	Show-cases	11	55,100
114	Silk and silk goods	5	82,000
115	Slaughtering and meat-packing, not including retail butchering estab- lishments	70	8,455,200
116	Soap and candles	16	1,230,800
117	Stationery goods	9	5,600
118	Steam fittings and heating apparatus	11	99,700
119	Springs, steel, car and carriage	5	45,500
120	Stereotyping and electrotyping	3	25,000
121	Straw goods	8	144,000
122	Surgical appliances	4	20,500
123	Terra-cotta ware	3	28,000
124	Tinware, copperware, and sheet-iron ware	106	657,873
125	Tobacco, chewing, smoking, and snuff	4	287,500

TABLE LIII.—Manufactures of 20 principal cities: 1880—CHICAGO—Continued.

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	
121	341	63	66,969	184,831	300,577	61
18	2	12	11,450	15,000	61,000	62
2,871	-----	125	1,477,563	8,006,970	10,441,891	63
18	-----	-----	11,720	19,300	40,560	64
115	-----	-----	56,130	349,337	485,581	65
27	-----	-----	15,590	17,400	42,882	66
133	-----	12	68,294	170,900	303,900	67
26	-----	1	6,300	5,000	17,100	68
67	-----	5	45,399	73,380	192,004	69
345	25	55	159,250	646,408	1,051,346	70
34	-----	2	19,988	34,075	61,700	71
225	-----	-----	129,196	1,762,756	2,146,500	72
981	99	29	541,184	3,790,522	4,914,550	73
750	-----	-----	330,000	2,961,281	4,387,545	74
892	-----	-----	445,891	1,886,165	3,429,375	75
307	12	11	220,955	263,549	698,387	76
20	-----	1	10,481	7,155	34,094	77
787	31	156	357,625	600,540	1,268,855	78
686	-----	56	297,739	3,441,100	4,080,900	79
230	-----	1	108,709	1,583,019	1,960,780	80
891	-----	14	456,014	583,915	1,275,355	81
1,613	-----	10	759,843	1,616,845	2,623,137	82
281	63	48	131,286	333,900	739,908	83
48	289	65	85,280	244,060	430,900	84
196	-----	6	84,380	182,810	406,900	85
57	-----	1	31,380	8,251	64,272	86
177	-----	22	105,307	195,028	376,650	87
27	-----	-----	16,902	11,800	37,675	88
62	-----	3	42,600	928,000	1,107,000	89
143	4	9	85,005	1,590,500	1,907,093	90
63	-----	7	21,310	328,500	437,800	91
963	1	33	519,973	549,015	1,403,026	92
251	18	7	153,128	2,110,845	2,796,000	93
94	32	2	45,878	516,500	674,280	94
81	-----	-----	36,787	244,500	307,000	95
115	57	7	100,738	81,885	325,978	96
49	5	2	25,400	216,470	283,200	97
4	-----	1	3,050	3,025	14,200	98
302	2	54	190,114	253,338	503,012	99
61	28	-----	31,800	95,840	150,599	100
2,750	453	316	1,930,881	2,451,360	5,059,295	101
24	-----	7	17,462	26,360	61,000	102
221	-----	-----	82,331	422,827	593,431	103
8	10	-----	4,540	25,750	35,600	104
329	100	62	179,574	403,625	746,247	105
1,793	16	190	805,233	1,049,555	2,061,568	106
26	-----	-----	18,283	12,300	43,500	107
74	-----	-----	40,500	111,250	217,600	108
339	-----	26	106,706	79,685	262,955	109
147	4	6	59,906	130,800	250,513	110
111	417	7	132,020	420,677	721,167	111
347	-----	-----	181,675	358,820	659,153	112
107	-----	8	59,976	111,500	227,000	113
67	135	57	72,195	125,895	244,150	114
7,180	-----	298	3,392,748	74,546,319	85,324,371	115
402	33	79	199,292	3,135,047	3,627,310	116
6	4	3	4,100	17,050	25,500	117
220	-----	5	115,590	411,780	580,530	118
64	-----	1	36,740	151,000	222,500	119
45	-----	12	23,672	18,300	65,554	120
85	335	10	119,514	297,744	484,609	121
16	12	-----	16,700	17,200	48,800	122
81	-----	13	26,500	22,576	68,000	123
919	108	154	513,329	1,157,831	2,164,496	124
142	97	15	77,060	1,206,187	1,387,598	125

TABLE LIH.—*Manufactures of 20 principal cities: 1880—CHICAGO—Continued.*

Mechanical and manufacturing industries.		No. of establishments.	Capital.
			<i>Dollars.</i>
125	Tobacco, cigars, and cigarettes	287	538,350
127	Tools	5	15,300
128	Trunks and valises	12	155,000
129	Type founding	4	290,000
130	Umbrellas and canes	6	2,775
131	Upholstering	19	43,900
132	Varnish	4	207,000
133	Vinegar	13	196,300
134	Watch and clock repairing	28	26,950
135	Wheelwrighting	118	184,205
136	Whips	4	2,300
137	Window blinds and shades	4	11,500
138	Wirework	24	311,122
139	Wood, turned and carved	14	80,010
140	Miscellaneous industries (a)	74	4,114,271

a. The 74 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: axle-grease; bags, other than paper; bags, paper; belting and hose, leather; cleansing and polishing preparations; cordage and twine; corsets; cotton goods; envelopes; explosives and fireworks; fancy articles; files; fire extinguishers, chemical; glass; glue; gold and silver, reduced and refined; iron bolts, nuts, washers, and rivets; iron nails and spikes, cut and wrought; iron pipe, wrought; ivory and bone work; jewelry and instrument cases; labels and tags; lapidary work; lard, refined; lead, bar, pipe,

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All industries		3,276	50,533,100
1	Artificial limbs	3	3,350
2	Awnings and tents	9	7,450
3	Bags, paper	3	85,000
4	Baking and yeast powders	6	28,000
5	Baskets, rattan and willow ware	9	9,000
6	Belting and hose, leather	3	57,000
7	Blacksmithing	128	115,745
8	Bookbinding and blank-book making	18	157,910
9	Boot and shoe findings	5	28,000
10	Boot and shoe uppers	3	5,400
11	Boots and shoes, including custom work and repairing	333	1,066,656
12	Boxes, cigar	8	23,750
13	Boxes, fancy and paper	7	38,550
14	Boxes, wooden, packing	5	43,100
15	Brass castings	14	220,777
16	Bread and other bakery products	232	391,860
17	Brick and tile	35	90,660
18	Brooms and brushes	18	101,237
19	Carpentering	119	290,305
20	Carpets, rag	21	4,775
21	Carriage and wagon materials	5	368,440
22	Carriages and wagons	50	1,252,131
23	Clothing, men's	237	6,279,783
24	Clothing, women's	19	194,802
25	Coffee and spices, roasted and ground	10	88,400
26	Coffins, burial cases, and undertakers' goods	8	630,500
27	Coke	3	14,000
28	Confectionery	20	177,075
29	Cooperage	58	359,950
30	Coppersmithing	5	34,000
31	Corsets	3	2,900
32	Cotton goods	3	715,000
33	Cutlery and edge tools	12	40,100
34	Dentistry, mechanical	24	18,550
35	Drugs and chemicals	8	102,200

TABLE LIII.—*Manufactures of 20 principal cities: 1880—CHICAGO—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.
Males above 16 years.	Females above 15 years.	Children and youths.			
1,489	134	101	<i>Dollars.</i> 701,573	<i>Dollars.</i> 1,058,916	<i>Dollars.</i> 2,315,174
15	-----	-----	6,200	4,850	19,224
212	-----	10	102,170	295,700	508,300
127	95	96	109,300	86,000	314,000
8	-----	2	2,516	2,100	7,600
110	21	9	51,383	121,601	226,195
32	-----	1	24,646	302,600	389,060
63	-----	4	36,189	179,900	328,338
49	1	1	31,174	8,537	63,194
426	-----	21	213,500	165,049	532,734
8	3	1	3,325	3,950	11,369
12	8	0	6,550	32,600	51,250
213	-----	39	108,294	753,786	1,065,860
106	10	21	54,767	79,587	181,840
2,207	461	318	1,258,133	8,060,254	10,787,109

sheet, and shot; lightning-rods; lime; mantels, slate, marble, and marbleized; matches; mixed textiles; musical instruments and materials (not specified); oil, essential; pumps; perfumery and cosmetics; photographic apparatus; refrigerators; regalia and society banners and emblems; safes, doors, and vaults, fire-proof; screws; shoddy; soda-water apparatus; stencils and brands; stone- and earthen-ware; stamped ware; telegraph and telephone apparatus and supplies; toys and games; vault lights; washing-machines and clothes-wringers; watch cases; and wooden ware.

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38,993	10,483	5,041	19,553,629	62,376,710	105,259,165	
11	-----	1	4,904	3,155	12,225	1
19	30	-----	11,492	34,095	64,750	2
42	41	2	26,377	376,072	472,808	3
19	-----	4	8,560	54,347	119,700	4
13	-----	2	4,175	10,595	24,060	5
26	-----	-----	15,429	73,107	104,554	6
328	-----	5	161,816	123,530	437,019	7
122	148	22	116,534	116,377	387,640	8
9	-----	2	4,366	63,200	91,000	9
13	9	3	9,000	14,900	29,900	10
2,352	570	283	1,088,248	2,305,219	4,132,637	11
47	44	23	32,030	60,185	113,740	12
27	35	7	26,726	32,012	72,809	13
75	8	11	30,469	71,900	125,612	14
226	-----	33	109,249	306,962	551,696	15
551	66	82	246,344	1,159,917	1,827,218	16
249	-----	41	79,155	59,950	215,035	17
108	13	13	41,438	64,835	148,050	18
875	-----	13	386,095	745,720	1,515,097	19
32	3	6	11,425	15,899	41,822	20
178	2	20	92,318	160,089	430,636	21
2,694	81	522	1,207,319	3,061,264	5,287,113	22
3,731	4,898	646	2,670,130	8,628,133	13,878,903	23
31	898	8	222,380	608,002	1,036,454	24
65	4	3	32,542	258,170	410,100	25
464	98	96	258,446	462,675	1,002,866	26
13	-----	-----	4,012	17,266	42,887	27
148	60	23	83,595	467,820	660,260	28
531	-----	11	205,559	258,428	587,083	29
50	-----	2	25,054	57,740	102,536	30
-----	5	1	1,395	3,800	10,000	31
97	275	26	99,147	298,465	634,158	32
31	-----	4	16,452	13,500	48,900	33
14	1	1	6,763	12,179	72,485	34
49	-----	-----	16,844	159,225	225,025	35

TABLE LIII.—*Manufactures of 20 principal cities : 1880—CINCINNATI—Continued.*

	Mechanical and manufacturing industries.	No. of establish- ments.	Capital. <i>Dollars.</i>
36	Dyeing and cleaning	12	47, 050
37	Dyeing and finishing textiles	7	58, 300
38	Electrical apparatus and supplies	5	83, 500
39	Electroplating	7	33, 160
40	Engraving and die-sinking	12	11, 050
41	Engraving, steel	3	1, 300
42	Engraving, wood	3	2, 100
43	Fancy articles	3	4, 500
44	Flavoring extracts	4	10, 800
45	Flouring- and grist-mill products	14	210, 500
46	Food preparations	3	6, 300
47	Foundry and machine-shop products	90	4, 088, 475
48	Fruits and vegetables, canned and preserved	4	221, 380
49	Furniture	119	2, 642, 711
50	Furniture, chairs	16	71, 850
51	Gas machines and meters	6	121, 000
52	Glass, cut, stained, and ornamented	3	5, 050
53	Gloves and mittens	3	1, 100
54	Glue	3	180, 000
55	Grease and tallow	7	44, 550
56	Hairwork	14	82, 050
57	Hardware	18	950, 309
58	Hats and caps, not including wool hats	9	9, 550
59	Hosiery and knit goods	9	76, 400
60	Ink	3	41, 200
61	Instruments, professional and scientific	8	33, 200
62	Iron and steel	4	610, 689
63	Iron railing, wrought	5	18, 150
64	Iron work, architectural and ornamental	8	50, 250
65	Jewelry	9	152, 600
66	Leather, curried	21	379, 000
67	Leather, tanned	29	918, 600
68	Lightning rods	3	40, 000
69	Liquors, distilled	10	3, 143, 500
70	Liquors, malt	19	4, 130, 968
71	Lithographing	9	322, 400
72	Lock- and gun-smithing	13	6, 005
73	Looking-glass and picture frames	9	404, 350
74	Lumber, planed	11	247, 676
75	Lumber, sawed	0	502, 900
76	Malt	14	830, 000
77	Mantels, slate, marble, and marbleized	5	235, 900
78	Marble and stone work	44	468, 650
79	Masonry, brick and stone	18	23, 050
80	Mattresses and spring beds	13	37, 940
81	Millinery and lace goods	22	81, 450
82	Mineral and soda waters	11	34, 600
83	Models and patterns	13	8, 350
84	Musical instruments and materials (not specified)	7	12, 300
85	Oil, lard	5	220, 000
86	Oil, lubricating	4	104, 775
87	Painting and paperhanging	87	95, 711
88	Patent medicines and compounds	41	505, 750
89	Photographing	30	34, 760
90	Pickles, preserves, and sauces	3	35, 000
91	Plumbing and gasfitting	59	200, 488
92	Printing and publishing	89	2, 527, 791
93	Refrigerators	4	44, 100
94	Regalia and society banners and emblems	5	46, 200
95	Roofing and roofing materials	25	230, 520
96	Saddlery and harness	51	413, 955
97	Safes, doors, and vaults, fire-proof	4	784, 000
98	Sash, doors, and blinds	9	410, 600
99	Saws	5	112, 750
100	Sewing machines and attachments	6	14, 700

TABLE LIII.—*Manufactures of 20 principal cities: 1880—CINCINNATI—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
			<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	
24	16	3	18,731	10,080	52,475	36
27	13	3	20,401	78,400	144,295	37
31	8	0	15,260	80,700	173,580	38
38	2	5	30,637	23,065	83,440	39
26	8	10	16,838	6,894	38,021	40
3	-----	-----	1,600	1,100	5,600	41
8	-----	-----	4,150	825	9,500	42
5	8	5	2,502	4,048	9,600	43
10	1	2	3,980	9,300	17,800	44
101	-----	-----	36,913	544,226	634,964	45
6	4	-----	2,000	5,800	13,910	46
3,503	6	126	1,749,584	2,502,096	5,723,508	47
179	577	150	79,173	505,234	743,928	48
2,853	138	470	1,335,213	1,641,141	4,372,389	49
167	17	14	73,775	50,222	208,635	50
76	-----	1	41,998	77,100	139,870	51
14	-----	-----	8,700	3,525	23,600	52
4	1	-----	1,400	3,500	7,000	53
46	-----	26	21,180	34,700	143,000	54
34	-----	1	18,486	187,200	229,600	55
11	31	-----	9,988	16,090	42,680	56
671	3	48	249,533	507,852	1,051,193	57
25	19	3	14,205	37,870	66,770	58
32	213	76	55,425	147,300	235,825	59
13	-----	2	7,360	45,200	78,800	60
37	1	2	17,557	11,998	47,549	61
305	-----	8	163,590	338,479	596,160	62
58	-----	4	22,183	32,069	69,386	63
84	-----	-----	39,025	152,124	255,847	64
179	25	49	131,886	142,385	418,900	65
184	-----	-----	86,175	1,425,505	1,700,426	66
341	-----	5	163,393	1,594,137	2,090,672	67
13	-----	-----	6,950	96,000	144,500	68
750	-----	-----	312,500	3,604,120	5,293,466	69
1,373	-----	-----	595,363	2,566,000	4,580,579	70
266	20	39	185,063	283,517	693,744	71
9	-----	4	4,328	3,035	14,410	72
462	-----	44	187,120	249,500	524,000	73
341	1	1	168,000	400,959	656,624	74
295	-----	20	110,979	974,067	1,247,191	75
167	-----	-----	57,316	736,613	884,310	76
100	-----	17	83,362	136,540	304,330	77
628	5	33	262,647	287,562	846,863	78
138	-----	5	58,591	85,628	183,509	79
48	14	15	22,239	74,150	135,350	80
25	259	11	77,486	162,852	320,091	81
50	-----	5	18,192	29,901	82,742	82
26	8	4	10,243	6,140	29,346	83
17	-----	-----	6,875	4,925	19,625	84
35	-----	-----	14,272	357,916	395,145	85
29	-----	1	18,404	169,100	238,000	86
368	-----	5	133,939	148,174	414,469	87
102	11	11	56,360	361,163	540,120	88
66	13	3	37,434	33,780	122,747	89
56	12	-----	16,800	95,000	130,000	90
235	-----	22	95,767	237,101	423,113	91
1,910	349	830	1,168,592	1,397,880	4,006,450	92
41	-----	2	11,303	13,425	42,040	93
17	76	7	18,550	45,800	80,500	94
234	1	3	91,764	409,244	612,491	95
543	14	35	236,473	511,749	1,155,564	96
865	-----	10	502,428	423,000	1,335,000	97
391	-----	12	187,949	353,400	733,290	98
96	-----	-----	37,518	96,410	145,550	99
13	1	2	8,035	152,104	168,800	100

TABLE LIII.—Manufactures of 20 principal cities: 1880—CINCINNATI—Continued.

	Mechanical and manufacturing industries.	No. of establishments.	Capital.
			<i>Dollars.</i>
101	Shipbuilding	8	131,000
102	Shirts	21	188,400
103	Show-cases	4	26,200
104	Silk and silk goods	5	21,700
105	Slaughtering and meat-packing, not including retail butchering establishments.	49	4,074,682
106	Spectacles and eyeglasses	3	1,125
107	Stencils and brands	4	9,450
108	Stereotyping and electrotyping	3	10,600
109	Stone- and earthen-ware	12	287,100
110	Surgical appliances	4	16,300
111	Tinware, copperware, and sheet-iron ware	107	344,333
112	Tobacco, chewing, smoking, and snuff	13	490,045
113	Tobacco, cigars, and cigarettes	250	746,835
114	Tools	3	17,800
115	Trunks and valises	11	93,700
116	Umbrellas and canes	7	20,250
117	Upholstering	11	152,850
118	Varnish	4	94,500
119	Vinegar	8	92,750
120	Watch and clock repairing	36	84,520
121	Wheelwrighting	45	122,012
122	Window blinds and shades	6	17,100
123	Wirework	6	82,600
124	Wooden ware	3	83,064
125	Wood, turned and carved	17	27,070
126	Miscellaneous industries (a)	74	2,783,615

a The 74 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: agricultural implements; axle-grease; bags, other than paper; billiard tables and materials; blacking; calcium lights; carriages and sleds, children's; cars, railroad, street, and repairs; cement; cigar molds; cleansing and polishing preparations; cloth-finishing; combs; cordage and twine; drain and sewer pipe; enameled goods; envelopes; explosives and fireworks; fertilizers; files; flags and banners; foundry supplies; furnishing goods, men's; furs, dressed; gas and lamp fixtures; gold and silver leaf and foil;

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	All industries	1,055	19,430,989
1	Agricultural implements	3	101,200
2	Blacksmithing	28	31,650
3	Bookbinding and blank-book making	12	116,000
4	Boot and shoe uppers	3	19,000
5	Boots and shoes, including custom work and repairing	103	227,045
6	Boxes, cigar	3	6,900
7	Brass castings	6	37,500
8	Bread and other bakery products	45	110,303
9	Brick and tile	21	89,100
10	Bridges	4	347,000
11	Brooms and brushes	6	22,000
12	Carpentering	13	36,550
13	Carpets, rag	9	700
14	Carriages and wagons	25	165,400
15	Cars, railroad, street, and repairs	4	144,500
16	Clothing, men's	73	1,086,600
17	Coffee and spices, roasted and ground	4	138,000
18	Coffins, burial cases, and undertakers' goods	3	198,000
19	Confectionery	5	61,500
20	Cooperage	11	42,575
21	Cutlery and edge tools	3	97,000
22	Dentistry, mechanical	3	9,000
23	Drugs and chemicals	6	563,000
24	Engraving, wood	3	1,200
25	Flouring- and grist-mill products	6	120,000

TABLE LIII.—*Manufactures of 20 principal cities: 1880—CINCINNATI—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
231			<i>Dollars.</i> 134,995	<i>Dollars.</i> 395,100	<i>Dollars.</i> 566,700	101
69	418	2	107,271	253,325	416,627	102
92		3	41,616	53,019	116,687	103
19	68	39	10,700	18,355	46,140	104
1,107		36	338,302	10,454,991	11,614,810	105
2			460	500	2,500	106
19		7	12,924	3,450	22,620	107
20		2	13,495	7,600	28,348	108
275	41	75	139,508	93,730	356,900	109
8	2		6,452	8,060	26,000	110
399	3	19	168,933	406,303	790,333	111
431	85	60	101,986	1,138,489	1,508,486	112
2,000	372	384	901,628	1,043,066	2,767,401	113
28		1	19,100	14,700	45,800	114
199	20	14	61,200	100,935	226,706	115
12	11	3	9,800	31,525	55,600	116
113	16	45	48,883	168,495	265,825	117
23			14,355	131,958	186,090	118
49			16,848	79,600	167,738	119
68	4	8	33,686	15,040	106,151	120
206		4	84,345	55,945	218,304	121
17	4	1	9,484	61,060	100,424	122
170		36	36,157	97,200	198,600	123
70		42	50,850	77,291	173,684	124
60	4	2	26,979	23,965	104,160	125
1,144	260	184	547,141	2,632,395	4,310,063	126

hand-knit goods; hand-stamps; housefurnishing goods; lamps and reflectors; lapidary work; lasts; lead, bar, pipe, sheet, and shot; lime; millstones; mirrors; mixed textiles; oleomargarine; oil, cottonseed and cake; oil, illuminating; oil, linseed; paints; pens, gold; pocket-books; printing materials; scales and balances; smelting and refining; soap and candles; springs; steel, car and carriage; starch; steam-fittings and heating apparatus; taxidermy; type founding; veneering; washing-machines and clothes-wringers; and woolen goods.

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18,018	2,286	1,420	8,502,935	31,629,737	48,604,050	
39		8	16,006	53,930	85,420	1
72		4	31,249	29,030	84,770	2
115	71	10	66,705	114,112	210,200	3
16	13	1	8,488	27,450	42,920	4
320	44	1	121,238	242,879	455,536	5
11	12	8	8,500	24,000	44,000	6
81		2	35,200	60,000	118,140	7
131	16	7	63,163	290,515	452,823	8
256		22	74,914	37,169	159,450	9
573		4	180,122	504,348	925,063	10
210	64	101	54,675	57,725	141,666	11
129		2	56,240	104,000	185,150	12
5			1,050	2,372	9,815	13
283		2	126,388	122,480	335,084	14
216			103,925	461,000	661,000	15
824	1,172	61	634,319	1,488,780	2,687,409	16
62	1	6	43,440	199,000	300,000	17
144	39	10	70,012	103,780	265,150	18
47	25	9	23,300	111,500	161,550	19
104			88,625	334,315	474,050	20
116			47,531	54,326	123,000	21
7	1		4,918	6,050	19,450	22
202	4	1	63,400	323,875	557,500	23
7		1	3,000	800	10,000	24
71			34,200	988,659	1,105,768	25

TABLE LIII.—*Manufactures of 20 principal cities: 1880—CLEVELAND—Continued.*

Mechanical and manufacturing industries.		No. of establishments.	Capital.
			<i>Dollars.</i>
26	Foundry and machine-shop products	53	1,961,038
27	Furniture	28	326,600
28	Hairwork	10	14,740
29	Hardware	8	49,000
30	Hats and caps, not including wool hats	3	2,000
31	Hosiery and knit goods	5	27,000
32	Iron and steel	10	2,889,042
33	Iron bolts, nuts, washers, and rivets	5	307,500
34	Iron forgings	3	305,000
35	Iron railing, wrought	4	28,200
36	Iron work, architectural and ornamental	3	11,500
37	Jewelry	4	5,900
38	Leather, carried	4	47,000
39	Leather, tanned	4	68,000
40	Lime	4	44,600
41	Liquors, malt	23	1,286,200
42	Lithographing	4	100,700
43	Looking-glass and picture frames	8	41,650
44	Malt	4	260,000
45	Marble and stone work	11	168,600
46	Masonry, brick and stone	5	20,700
47	Mineral and soda waters	4	21,500
48	Models and patterns	4	2,800
49	Oil, lubricating	5	655,850
50	Painting and paperhanging	24	47,420
51	Paints	10	423,500
52	Patent medicines and compounds	3	6,700
53	Photographing	14	31,450
54	Plumbing and gasfitting	17	22,850
55	Printing and publishing	11	693,300
56	Pumps	3	9,500
57	Roofing and roofing materials	4	61,000
58	Saddlery and harness	35	36,031
59	Sash, doors, and blinds	15	406,314
60	Sewing-machine cases	5	36,000
61	Shipbuilding	12	167,100
62	Shirts	7	20,300
63	Slaughtering and meat-packing, not including retail butchering establishments	12	447,000
64	Soap and candles	5	55,000
65	Stencils and brands	3	1,200
66	Stereotyping and electrotyping	3	4,150
67	Tinware, copperware, and sheet-iron ware	60	141,630
68	Tobacco, cigars, and cigarettes	68	106,353
69	Trunks and valises	6	28,700
70	Umbrellas and canes	3	3,300
71	Upholstering	8	4,300
72	Varnish	4	432,500
73	Watch and clock repairing	3	12,800
74	Wheelwrighting	10	10,900
75	Wirework	4	118,500
76	Wood, turned and carved	3	17,250
77	Wooden ware	3	108,500
78	Miscellaneous industries (a)	73	3,609,921

a The 73 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: artificial limbs; awnings and tents; bags, other than paper; baking and yeast powders; baskets, rattan and willow ware; belting and hose, leather; belting and hose, rubber; billiard tables and materials; boxes, fancy and paper; carriage and wagon materials; clothing, women's; cordage and twine; dyeing and cleaning; electric lights; electroplating; fancy articles; fertilizers; files; foundry supplies; fruits and vegetables, canned and preserved; furs, dressed; gas and lamp fixtures; hand-stamps; ink; instruments, professional and scientific; iron nails and spikes, cut and wrought; iron pipe, wrought;

TABLE LIH.—*Manufactures of 20 principal cities: 1880—CLEVELAND—Continued.*

AVERAGE NUMBER OF HANDS EMPLOYED.			Total amount paid in wages during the year.	Materials.	Products.	
Males above 16 years.	Females above 15 years.	Children and youths.				
2,426	3	108	<i>Dollars.</i> 946,877	<i>Dollars.</i> 1,786,420	<i>Dollars.</i> 3,820,685	26
392	12	23	167,251	183,199	470,835	27
5	19	.....	4,335	10,230	21,140	28
69	.....	11	28,550	59,875	142,500	29
12	5	1	6,200	4,100	17,800	30
4	192	2	21,960	42,100	97,550	31
2,788	.....	211	1,960,237	6,491,506	9,435,422	32
364	.....	.....	153,923	482,926	859,711	33
206	.....	.....	86,500	323,090	523,000	34
25	.....	8	8,885	23,800	45,500	35
37	.....	.....	18,844	47,274	84,354	36
26	.....	.....	10,500	11,600	30,060	37
19	.....	.....	8,209	159,608	178,500	38
32	.....	.....	14,850	143,700	181,800	39
45	.....	4	19,100	35,750	63,500	40
328	1	1	162,345	699,666	1,249,502	41
136	16	5	70,600	124,100	223,000	42
24	1	3	11,200	40,050	61,350	43
40	.....	2	20,603	259,673	333,452	44
161	.....	26	100,290	219,364	412,850	45
168	.....	2	63,080	93,750	187,000	46
25	.....	4	9,230	12,950	43,000	47
11	.....	.....	6,800	1,500	12,200	48
122	.....	6	56,123	850,102	1,163,714	49
139	.....	.....	58,267	59,590	160,366	50
207	12	15	113,214	801,334	1,202,480	51
5	.....	1	2,400	9,006	14,311	52
33	7	6	18,471	18,411	68,400	53
85	.....	2	34,061	60,600	142,411	54
692	18	16	258,590	230,947	666,509	55
10	.....	.....	4,300	7,900	15,200	56
41	.....	.....	19,292	113,000	169,000	57
77	.....	2	28,951	60,900	118,300	58
489	.....	11	202,703	533,035	837,687	59
275	.....	22	108,609	126,000	255,600	60
282	.....	.....	144,200	301,250	510,550	61
7	48	.....	14,589	51,812	87,295	62
288	.....	28	102,892	4,886,771	5,427,938	63
20	.....	2	8,420	47,715	68,700	64
6	.....	.....	2,825	2,100	9,300	65
6	.....	1	3,400	1,900	8,500	66
215	1	25	100,080	227,619	447,811	67
299	30	11	119,315	160,320	366,412	68
35	3	5	12,200	29,100	49,000	69
2	1	2	550	3,045	7,500	70
16	6	2	5,820	21,500	33,350	71
53	.....	.....	32,095	562,939	691,245	72
10	1	2	3,450	5,600	12,500	73
39	.....	.....	16,235	15,800	48,600	74
78	2	25	3,175	200,500	287,000	75
30	.....	9	17,000	20,895	53,489	76
140	10	58	52,550	158,000	232,500	77
3,052	428	488	1,007,679	5,052,410	7,316,707	78

lamps and reflectors; lead, bar, pipe, sheet and shot; leather, dressed skins; liquors, distilled; lumber, planed; lumber, sawed; mantels, slate, marble, and marbleized; mattresses and spring beds; millstones; musical instruments, organs, and materials; oil, lard, oil, linseed; paper (not specified); rubber and elastic goods; rules, ivory and wood; saws; screws; sewing machines and attachments; shoddy; show-cases; silk and silk goods; springs, steel, car and carriage; surgical appliances; taxidermy; telegraph and telephone apparatus; tobacco, chewing, smoking, and snuff; tools; vinegar; wheelbarrows; wire; and woolen goods.

TABLE LIII.—*Manufactures of 20 principal cities: 1880—Continued.*
CITY OF DETROIT.

Mechanical and manufacturing industries.		No. of establishments.	Capital.
All industries.....		919	Dollars. 15,594,479
1	Baking and yeast powders.....	6	38,000
2	Baskets, rattan and willow ware.....	6	11,100
3	Blacksmithing.....	39	43,575
4	Boot and shoe uppers.....	3	7,300
5	Boots and shoes, including custom work and repairing.....	69	331,700
6	Boxes, cigar.....	4	41,000
7	Boxes, fancy and paper.....	3	5,900
8	Boxes, wooden, packing.....	6	32,600
9	Bread and other bakery products.....	47	225,400
10	Brooms and brushes.....	10	30,400
11	Carpentering.....	30	272,000
12	Carriages and wagons.....	23	209,000
13	Clothing, men's.....	31	963,500
14	Clothing, women's.....	3	12,800
15	Coffee and spices, roasted and ground.....	3	55,000
16	Confectionery.....	8	207,200
17	Cooperage.....	20	118,300
18	Corsets.....	4	46,800
19	Cutlery and edge tools.....	4	9,000
20	Dentistry, mechanical.....	5	9,000
21	Dyeing and cleaning.....	6	16,200
22	Flouring and grist-mill products.....	14	497,000
23	Foundry and machine-shop products.....	24	1,262,050
24	Furniture.....	32	243,800
25	Hairwork.....	4	6,200
26	Hardware.....	3	27,000
27	Hats and caps, not including wool hats.....	6	298,000
28	Instruments, professional and scientific.....	3	12,500
29	Iron and steel.....	7	1,547,386
30	Jewelry.....	9	69,302
31	Leather, curried.....	7	104,336
32	Leather, tanned.....	10	498,664
33	Lime.....	4	95,500
34	Liquors, malt.....	28	1,203,120
35	Lock and gun-smithing.....	6	4,500
36	Looking-glass and picture frames.....	13	252,650
37	Marble and stone work.....	16	110,100
38	Models and patterns.....	3	3,800
39	Painting and paperhanging.....	23	88,900
40	Patent medicines and compounds.....	5	48,000
41	Perfumery and cosmetics.....	4	25,500
42	Photographing.....	16	40,550
43	Plumbing and gasfitting.....	16	136,200
44	Printing and publishing.....	39	866,050
45	Roofing and roofing materials.....	5	30,000
46	Saddlery and harness.....	28	39,100
47	Sash, doors, and blinds.....	15	261,000
48	Shipbuilding.....	16	187,200
49	Shirts.....	5	4,700
50	Slaughtering and meat-packing, not including retail butchering establishments.....	7	453,000
51	Spectacles and eyeglasses.....	3	45,000
52	Stencils and brands.....	6	9,200
53	Tinware, copperware, and sheet-iron ware.....	47	108,650
54	Tobacco, chewing, smoking, and snuff.....	5	495,000
55	Tobacco, cigars, and cigarettes.....	58	453,700
56	Trunks and valises.....	3	35,500
57	Upholstering.....	5	52,200
58	Wheelwrighting.....	15	12,300
59	Wirework.....	4	87,000
60	Wooden ware.....	5	273,000
61	Wood, turned and carved.....	11	15,550
62	Miscellaneous industries (a).....	59	2,842,496

a The 59 establishments classed as "miscellaneous industries" are grouped in order that the business of individual establishments may not be disclosed to the public. In this group are embraced: artificial limbs; billiard tables and materials; boot and shoe findings; brass castings; brick and tile; bridges; carpets; rag; carriages and sleds, children's; cars, railroad, street, and repairs; combs; drugs and chemicals; files; fruits and vegetables, canned and preserved; furniture, chairs, furs, dressed; gas machines and meters; gloves and mittens; hosiery and knit goods; ink; lasts; lumber, sawed; masonry.